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Publications, Papers, Presentations, Communications by Hospital Staff

Hospital Staff

Sisters of Mercy - World Wide

1
Mother Catherine McAuley
Foundress Sisters of Mercy.

Born: 29th September, 1778
Stormanstown House,
Co. Dublin.

Died: 11th November, 1841
MATER MISERICORDIAE HOSPITAL
ECCLES STREET, DUBLIN 7

Proprietors
Congregation of the Sisters of Mercy,
Convent of the Mother of Mercy,
Carysfort Park,
Blackrock,
Co. Dublin.

Superior General
Mother M. Cora Ferriter

Superior,
Mater Misericordiae
Hospital
Sister Rose Philippine Campbell

Foundress of Order
Mother Catherine McAuley

Born: 29th September, 1778
Died: 11th November, 1841

BOARD OF MANAGEMENT

Chairman
Most Rev. Dr. Dermot Ryan,
Archbishop of Dublin.

Deputy Chairman
Mr. J.P. O’Hanlon

Secretary
Mr. D.J. O’Flynn

Members
Mr. L.P. Booth
Professor M.I. Drury
Sister M. Gemma
Sen. Hon. V. Goulding
Mr. S.J. Heffernan
Doctor P. Keelan
Sister M. Lucia Therese
Mrs. M. McMahon
Mr. F. McManus
Mr. H. MacNeill
Mr. J.J. Nolan
Sister M. Rose Philippine
Miss R. Ruddy
Mr. D. O’Connor
Sister M. Raymond
Mr. W. Sandys

Secretary/Manager
Mr. G. MacGabhann
EXECUTIVE COUNCIL 1983

Chairman

Members

MacGabhann

Professor T.B. Counihan
Doctor J. Crowe
Sister ML Gemma
Mr. S.J. Heffernan
Sister M. Lucia Therese
Doctor D. Tyrrell

EXECUTIVE COMMITTEE OF THE MEDICAL COUNCIL 1983

Chairman

Secretary

Members

Mr S Heffernan
Doctor J. Crowe

Professor T.B. Counihan
Doctor P. Keelan
Doctor J. Magner
Professor E. O’Malley
Mr. J. Smith
The phased development of the hospital is summarised in the following section and the Reverend Mother who was in office during each development term is indicated:

1861-1882 East wing completed
1882-1912 West wing completed
1912-1918 Development of private hospital
1918-1924 Additions to private hospital. First nurses' home built
1924-1930 A modern x-ray department replaced the 'medical electrical department'
1930-1936 Work commenced on the new chapel
1936-1942 New chapel completed
1942-1948 Operating theatres rebuilt
1954-1960 Development of cardiac unit, establishment of school of physiotherapy, establishment of department of physical medicine and rehabilitation
1972-1975 New cardio-vascular diagnostic unit Establishment of endocrine laboratory

ST. Rose Philippine Campbell

July 1983 — New hospital development, showing ward block and Physiotherapy Department.
REPORT OF CHAIRMAN OF THE
EXECUTIVE COUNCIL

Hospital Activity

The financial problems which beset the health service in 1982 continued without abatement throughout 1983. Accordingly, additional financial resources could not be made available. Despite these problems, the general service activity of the hospital increased.

Admissions increased from 17,825 to 18,432, and average length of stay fell from 8.64 to 8.24. Total out-patient attendances increased to 589,889 and pathology procedures to 1,117,088. However, radiological examinations dropped from 103,815 to 96,857, reflecting the significant impact on the department due to two examination rooms being out of use because of obsolescent equipment. The number of open-heart cardiac surgery operations increased from 603, in 1982 to 659 in 1983. Total attendances at the accident and emergency department dropped, yet again, to 63,461. More significantly, the number of new attendances came to 33,073, the lowest number since 1977. The Board of Management policy on the closure of the accident and emergency department gate causes controversy inside and outside the hospital.

Pastoral Care Programme

The hospital is pleased to record that, due to the generous allocation of three sisters by Mother General, a new pastoral care programme has been instituted in the hospital. These sisters, St. M. Raymond, St. Marian Joseph, and St. Josephine, work in close liaison with the hospital chaplains. Very many patients and relatives have written expressing their appreciation of this new development.

Financial and Accounting

In December, 1982, the hospital was formally advised that the financial allocation for the year 1983 would amount to £20,100,000. At that time the shortfall estimated in respect of this allocation was £515,000. It was decided, therefore, that the very stringent restrictions imposed late in 1982 should be continued into 1983.
Late in 1983 the hospital was advised that the allocation was revised to £20,760,000. This alteration in the funding was due to a number of factors, including (a) the non-implementation of the previous government’s decision to introduce charges for public ward treatments and out-patient attendances, (b) savings on some institutional budgets and (c) re-negotiations on prices.

The steps necessary to meet the shortfall in the allocation were very stringent and are, for the record, listed in this report. The appreciation of the Board of Management at the co-operation received from all departments and staff members is likewise recorded.

1. Medical cross-cover between specialties will be continued.
2. Elective cases were not admitted over weekends, which resulted in a reduction in the amount of overtime and on-call payments made.
3. The accident and emergency gate leading to the accident and emergency department was kept closed at night when the hospital was not on-take.
4. All locum cover was reduced by 25%. This adversely affected the workings of a number of departments, particularly Physiotherapy and Radiology.
5. No provision was made in the hospital budget for the replacement of major or minor items of equipment.
6. Special arrangements were made with specific suppliers to hold prices at 1982 levels.
7. A standard list of items to be routinely held in stores was prepared. This significantly reduced the range of items of a consumable nature in use.
8. Special controls were introduced in the catering area and more competitive food tenders were obtained.
9. Rates charged for staff meals were increased.
10. Special steps were taken to reduce the cost of heating, lighting and power. A special survey was commissioned with the Institute of Industrial
Research and Standards, aimed at achieving greater efficiency and cost savings.

11. A decision was made to utilise a commercial laundry, following discussions with the Department of Health. In December, 1983, the hospital ceased using the Hospitals Joint Services Board and, from that date, economies were achieved.

12. Overtime levels were reduced in all departments of the hospital.

Capital Grant

The Hospital obtained a special capital grant of £100,000 from the Department of Health, which was utilised as follows:-

1. Nephroscope - St. Monica's theatre £11,799
2. Gamma counter for laboratory £26,962
3. High pressure autoclave - General theatres £10,343
4. Bronroscope for cardiac theatre £9,891
5. Gastroscopes and duodenoscope for G.I. Unit £21,726
6. Waste gas system for general theatres £18,005

£98,726

Purchasing

In order to achieve greater efficiency in this important area, a number of steps were taken, including:-

1. The establishment of a Purchasing Committee, representing various interests in the hospital.
2. The introduction of a more comprehensive tendering system.
3. Employment of a Supplies Officer.
4. The gradual centralisation of the purchasing and storage functions in the hospital.
A summary is given of the comparison of the hospital expenditure between 1982 and 1983 and percentage variations are indicated in this section of the report.

Medical salaries show an abnormally high increase due to the implementation of the amended form of common contract. On the non-pay side, maintenance costs show a large increase. This is due to the significant curtailment of expenditure introduced in 1982.

The cost per bed day increased from £126.57 in 1982 to £141.32 in 1983, a percentage increase of 11.65%.

The increase in income from patients is attributable to an extraordinary non-recurring receipt from a patient involved in a road traffic accident.

Pay - Comparison Between 1982 and 1983

<table>
<thead>
<tr>
<th>Salaries</th>
<th>1982</th>
<th>1983</th>
<th>% Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>983</td>
<td>1,084</td>
<td>10.27%</td>
</tr>
<tr>
<td>Medical</td>
<td>2,557</td>
<td>2,894</td>
<td>13.17%</td>
</tr>
<tr>
<td>Nursing</td>
<td>4,537</td>
<td>4,936</td>
<td>8.79%</td>
</tr>
<tr>
<td>Para-Medical</td>
<td>1,570</td>
<td>1,681</td>
<td>7.07%</td>
</tr>
<tr>
<td>Catering, Household, Maintenance</td>
<td>1,622</td>
<td>1,726</td>
<td>6.41%</td>
</tr>
<tr>
<td>Other</td>
<td>60</td>
<td>56</td>
<td>(6.66%)</td>
</tr>
<tr>
<td>Superannuation</td>
<td>205</td>
<td>199</td>
<td>(2.93%)</td>
</tr>
<tr>
<td>Employers Social Welfare</td>
<td>592</td>
<td>632</td>
<td>6.76%</td>
</tr>
</tbody>
</table>

12,126  3,208  8.92%

Income - Comparison Between 1982 and 1983

<table>
<thead>
<tr>
<th>Income</th>
<th>1982</th>
<th>1983</th>
<th>% Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deductions for Superannuation</td>
<td>383</td>
<td>433</td>
<td>13.05%</td>
</tr>
<tr>
<td>Patient Income</td>
<td>471</td>
<td>792</td>
<td>68.15%</td>
</tr>
<tr>
<td>Cafeteria Sales</td>
<td>246</td>
<td>299</td>
<td>21.55%</td>
</tr>
<tr>
<td>Investment of Other Income</td>
<td>61</td>
<td>69</td>
<td>13.11%</td>
</tr>
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</table>

1,161  1,593  37.21%
Non-Pay Comparison Between 1982 and 1983

<table>
<thead>
<tr>
<th></th>
<th>1982 (000)</th>
<th>1983 (000)</th>
<th>* Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical</td>
<td>4,991</td>
<td>6,096</td>
<td>22.14*</td>
</tr>
<tr>
<td>Food</td>
<td>633</td>
<td>640</td>
<td>31.10*</td>
</tr>
<tr>
<td>Cleaning, Heat and Light</td>
<td>1,143</td>
<td>1,137</td>
<td>(.52*)</td>
</tr>
<tr>
<td>Maintainance etc.</td>
<td>509</td>
<td>1,024</td>
<td>101.18*</td>
</tr>
<tr>
<td>Financial</td>
<td>325</td>
<td>228</td>
<td>(29.85*)</td>
</tr>
<tr>
<td>Office Costs</td>
<td>560</td>
<td>575</td>
<td>2.68*</td>
</tr>
<tr>
<td>Sundries</td>
<td>170</td>
<td>184</td>
<td>8.24*</td>
</tr>
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<td></td>
<td>8,331</td>
<td>9,884</td>
<td>18.64*</td>
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Summary - Comparison 1982 and 1983

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<th></th>
<th>1982 (000)</th>
<th>1983 (000)</th>
<th>* Variation</th>
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</thead>
<tbody>
<tr>
<td>Pay</td>
<td>12,126</td>
<td>13,208</td>
<td>8.92*</td>
</tr>
<tr>
<td>Non-Pay</td>
<td>8,331</td>
<td>9,884</td>
<td>18.64*</td>
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<td></td>
<td>20,457</td>
<td>23,092</td>
<td>12.88*</td>
</tr>
<tr>
<td>Income</td>
<td>1,161</td>
<td>1,593</td>
<td>37.21*</td>
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<td></td>
<td>19,296</td>
<td>21,499</td>
<td>11.42*</td>
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In summary, therefore, the year was one of some difficulty and the steps taken to ensure that the hospital did not spend beyond the level of the allocation resulted in serious disruption in a number of departments. The reduction in staff numbers and overtime, and the revision of rosters were particularly disruptive.

Cardiac Surgery

In the earlier part of the year, the hospital continued in discussion with officials of the Department of Health regarding the need to ensure that the hospital would be adequately funded for general work and for the cardiac surgery caseload. We are happy to record a level of understanding with the department’s officials on this matter, who now appreciate more fully, the pressures to which the hospital is subjected because of this very fast developing speciality.
Much publicity has taken place during the year and attention has repeatedly been drawn, in various publications, to the growth in the waiting lists for open heart surgery.

Representatives of the hospital and other interests involved in the Cardiac Surgery Unit, met with the Minister on the 13th October, 1983, to review the position of open-heart surgery in the light of existing resources and the continued increase in waiting lists occasioned by the number of patients referred for surgery.

The Minister accepted the need for interim development at the Mater Misericordiae Hospital at this time, in line with the recommendations of Comhairle na nOspideal. It was recognised that the national centre should be given every co-operation by the Department of Health. The Minister indicated that he had formal and informal discussions with many interested parties on the matter and he saw a need for an interim development at the Mater Misericordiae Hospital proceeding. Were further developments to proceed he envisaged these taking place in Cork, initially.

It was represented that it would be possible for 800 cases to be processed at the Mater Misericordiae Hospital with interim additional resources of back-up beds, intensive care beds, equipment and extra staff.

The Minister was, understandably, concerned at the revenue implications, as any additional costs would have to come out of the already strained budget of the Department of Health.

The hospital is pleased to record that the Minister authorised:-
(a) Replacement of equipment in the cardiac theatres and existing intensive care units.
(b) The replacement of cardio-vascular diagnostic equipment including allied installation and building works.
(c) The necessary funds for the internal expansion of the cardiac surgery unit, together with the funds required for the revenue implications of the capital development.

The hospital is also pleased to record the co-operation of the Minister's officials in ensuring that the additional resources were made available as quickly as circumstances permitted. The necessary building works are currently in train and authorisation has been obtained for the additional staff required to meet the increases projected.
The Minister, during the course of this meeting, suggested that the Board of Management of the Mater Misericordiae Hospital might review the present regulations and membership of the Cardiac Surgery Committee. The Board of Management has, since that time, completed a review of the committee and new rules have been drafted. The membership of the committee has, likewise, been reviewed, and cardiologists will now be represented on the committee.

Common Contract

The amended form of the Common Contract was approved for certain Dublin hospitals by the Department of Health for implementation on the 1st January, 1983.

A significant number of consultants have accepted this contract and many have, in line with the terms of the contract, submitted resignations. In all such cases, the consultants continued to act in a locum capacity in their own posts, pending agreement on the staff restructuring required by this hospital and other associated hospitals.

A review of the staff structure and the specialty requirements was undertaken in view of the large number of resignations which had taken place and in line with the requirements of the enlarged hospital, currently being erected. Discussions were initiated with the Department of Health, Comhairle na nOspideal and the other hospitals to clarify the staff and specialty requirements of North Dublin, in particular.

It is with regret that the hospital records the resignation of the following who have accepted the Common Contract:

Mr. John Corcoran - Consultant Surgeon
Dr. J. Barnes - Consultant Dermatologist
Professor M. Hickey - Consultant Pathologist
Dr. T.P. Eustace - Consultant Radiologist
Dr. J.G. Gallagher - Consultant Gynaecologist
Professor E. de Valera - Consultant Gynaecologist

Other resignations will take place during 1984 and, in a short period of years, the medical staff of the Mater Misericordiae Hospital will show many new faces, following the departure of those who have served the hospital so long and so conscientiously.
Education and Research

The success of the fund raising campaign organised by the hospital to establish a College for Research and Post Graduate Education continued during the year with the commencement of research programmes funded by the newly established Research College. Included in the programme approved were the following:

(a) Patients' attitude to nursing care - Survey.
(b) Assessment of the necessity of pre-operative physiotherapy.
(c) Evaluation of computer tomographic localisation of anatomical abnormality with slice thickness and radiation dose symmetric measurement.
(d) Anti-sperm antibodies and infertility.
(e) Immune response in malnourished patients.
(f) Visual interactive display system semi-automatic image analyser - To measure the size of cells and other structures on histology slides.
(g) Treatment of patients suffering from low cardiac output following cardiac surgery.
(h) High frequency ventilation study.
(i) Hypertension - assessment of calcium antagonists.
(j) Natural history of the diabetic pupil.
(k) Uro-dynamic evaluation of the urological/gynaecological patient.
(l) Glycosylated haemoglobin adrenocortical function, serum fibrinogen studies.

The medical students' annual Research Symposium was successfully organised during the year. The programme was as varied as in other years and the standard of the various projects attracted much favourable comment.

Medical Papers

Chairman: Professor T.B. Counihan

1. Freeze-drying technique for faecal fat analysis.
   J. McCann, T. O'Callaghan, J. Crowe.

2. The value of sputum cytology in the diagnosis of carcinoma of the lung.
   S. Meehan, F. Jackson, P. Keelan.

   K. Foley, P. Dervan.

4. Digoxin binding in human myocardial tissue preparations.
   T. Taylor, M. Ryan, M.S. Laher, T.B. Counihan.

5. Busulphan lung.
   E. Keelam, P. Twomey, F. Jackson, B. Ottridge.
Surgical Papers

Chairman: Professor E. O'Malley

1. The intra-aortic balloon pump: a five year study.
   D. Corcoran, E. McGovern, M. Neligan, J.P. Duignan.


3. A retrospective study of Colles' fractures.

   M. Cosgrave, T.P. Corrigan.

5. A new approach to the assessment of neutrophil chemotaxis.

Poster Session

A retrospective study of acute pancreatitis.
M. Rhatigan, J.P. Duignan, S.J. Heffernan.

A review of renal tumours.
F. Hickey, J. Smith.

Symptoms and signs of carcinoma of the oesophagus and gastric cardia.
B. Morrissey, J.P. Duignan, E. O'Malley.

Incidence of anergy in a surgical population and its significance.

Antibiotic use in surgical patients.

Computer programming in clinical medicine and surgery.
W. Gaine, D. Tyrrell, W. Conway.

A prospective study of the effects of paravertebral block.
J. Mulroy, W. Hederman.

Interactions between diuretics and non-steroidal anti-inflammatory agents.
H. Mullen, M.S. Laher.

Anaesthetic project.
E. Burke, W. Blunnie.

Premature ovarian failure.
M. Comiskey, D. Powell, P. Skrabanek.

Diuretic therapy in the nephrotic syndrome with refractory oedema.
C. Farren, M.S. Laher, J.F. Donohoe.

A study of macrocytosis in a hospital population.
K. Morris, T.B. Counihan, B. Otridge, G. Cox, T. McDonnell.

Assessment and management of hypertension in the elderly.
P. Gallagher, M.S. Laher, T.B. Counihan.
Effect of digoxin on left ventricular ejection fraction in elderly subjects.
N. Ryan, M.S. Laher, T.B. Counihan, C. Collum, J. Ennis.

Hypoglycaemia.
V. Parsons, P. Skrabanek, D. Powell.

Postgraduate Symposium:
The Postgraduate Symposium was held on Friday 6th May, 1983, in the Freeman Auditorium, Mater Misericordiae Hospital, and was funded by the Mater Research and Post Graduate Education College.
Details of the symposium are given hereunder:

9.00 a.m. The role of the clinical nurse specialist in rapidly changing health care systems.
R. Ruddy.

9.45 a.m. The use of anti-viral drugs.
M. Wansbrough-Jones.

11.00 a.m. The scientific basis of clinical decisions.
H. Wulff.

11.45 a.m. Vasodilators in the management of cardiac failure.
D. Jewitt.

12.30 p.m. LUNCH

2.00 p.m. Radiology - The imaging revolution.
J.T. Ennis.

2.45 p.m. Pathogenesis and treatment of chronic active hepatitis.
A. Eddleston.

3.30 p.m. Dublin in the rare old times.
M.I. Drury.

Gastroenterology Seminar:
A successful seminar was once again organised by the consultants of the gastroenterology department.

Publications:
The following books were published by staff during 1983.

1. Substance P.
P. Skrabanek, D. Powell.

J.T. Ennis, D.J. Dowsett.

3. Abortion Now.
Final chapter was contributed by E. O'Leary.

Radiology:
Dr. J. Ennis was appointed visiting Professor to Gainsville University, Florida, for a twelve month period commencing 1st July, 1983.
Study Day Conference:

The 1983 Study Day Conference in the Mater Misericordiae Hospital was held on Saturday, 10th December, 1983. 150 general practitioners attended this conference, which proved to be very successful. Details are given hereunder.

Programme

4.00 p.m.
1. Family breakdown. 
   Dr. P. McQuaid.
2. Urinary incontinence. 
   Mr. S. Smith.
3. Recent developments in infection: diagnostic problems. 
   Dr. R. Hone.
4. Eye update. 
   Mr. R. Bowell.
   Mr. M. Neligan.
6. Fertility. 
   Prof. D. Powell, Prof. E. de Valera, Dr. M. Coughlan.
   Dr. W. Hederman.

6.50 p.m.
Hospital prizegiving.

7.30 p.m.
Dinner.

Leonard Prize

The fund for this prize was provided with an additional injection of capital, and was restored to its original amount by the family of Mr. Mark Leonard. The hospital authorities are very appreciative of the continued support of the Leonard family.

It is of interest to note that the Leonard family have checked their family history and found that a Mark Leonard was born on the 11th April, 1832. He died a young man on the 15th May, 1868. He was a brother of the great-grandfather of the present Mark Leonard and was unmarried, according to family records. It appears, however, that he had fallen in love with a young lady called Virginia Thunder and asked her to marry him. She, however, declined him as she believed she had a vocation and it is believed that she subsequently entered the Sisters of Mercy. Consequently, it appears that he donated a substantial sum of money to the community.
In addition, it is believed that his brothers Tom and John also provided substantial donations to the community. In recognition of this generosity, the community offered to make available to them, and their successors and to any person for whom they would vouch, a bed in the Mater Misericordiae Hospital. It is believed that this offer was availed of on a number of occasions. It is further understood that his brother Tom continued to provide sums right up to the time that he died in 1920. The Leonard family have always been led to believe that these relations were among the principal benefactors to the community and that the result of their generosity can been seen in what the family call "the Leonard wing of the Mater Hospital". It is not certain which wing of the hospital is thus described, although it is believed to be the wing viewed from the rear of the Private Hospital.

Catering and General Services

The contribution made by catering, portering, domestic and other house-keeping staff is recognised and recorded. In addition, the support from staff working on laundry, central sterile supplies and security duties, should be highlighted.

Laundry

Over the years, the hospital has not been satisfied with the laundry service provided by the Hospital Joint Services Board in Rathfarnham. Consequently, a decision was made, with effect from 1st December, 1983, to use the services of a commercial laundry. This action, which was taken with the approval of the Department of Health, has resulted in a substantial improvement in the non-sterile linen service provided in the hospital.

The changeover to commercial laundry took place with the minimum of disruption to supplies due, in no small way, to the co-operation of the nursing staff in the hospital.

Security

Security continued to present difficulties in the hospital in 1983 and the number of incidents increased during the year. Concern was expressed to the garda authorities at the level of vandalism and other crimes committed in the streets adjacent of the hospital. The system for monitoring the number of security incidents was extended during the year and the following figures highlight the seriousness of the problem:-

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<td>Assaults</td>
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<td>5</td>
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<tr>
<td>Patients Restrained</td>
<td>27</td>
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22
The staff identification system is helping to control the movement of unauthorised persons within the hospital. However, the general layout of buildings and the extent of development work being carried out presents a number of difficulties in introducing security measures.

A closed circuit surveillance system was installed at one of the North Circular Road entrances. In addition, an automatic traffic arm was also installed to control the flow of traffic at that entrance.

The theft of bicycles from the hospital grounds has given rise to concern. The number of bicycles which have been stolen during 1983 indicates that there is an organised approach being adopted by thieves. Efforts have been made to improve the security of bicycles within the hospital which, it is hoped, will eliminate the problem.

Cleaning Services

The standard of cleaning in the hospital has been monitored closely throughout the year. This service is provided by a commercial company at present and an improved quality control system has recently been introduced to ensure that the standard of cleaning on the wards and throughout the hospital is maintained at a satisfactory level. Cleaning duties continue to be undertaken by the Mater Hospital house-keeping staff in the nurses' home and medical residence.

Central Sterile Supplies Department

The central sterile supply department has continued to provide an essential service to theatres, wards and other departments during 1983. The introduction of the ethylene oxide sterilization system has enabled that department to improve the system for sterilizing heat sensitive appliances.

Notwithstanding the adverse working conditions due to the proximity of the department to the new hospital development, the staff have managed to maintain a very high standard throughout the year.
Technical Services Department

During the year the new hospital development created, as expected, a number of serious problems in the technical services department, all of which were overcome with the co-operation of those involved.

The front wall of the boilerhouse was knocked down and a temporary barrier was constructed reducing the overall space within the boilerhouse significantly. This impinged on the operation of the boiler and only minimal room was available for routine maintenance of the plant and equipment. Occasionally, planned and unplanned disruptions of water and electrical services were experienced and blockages of sewage and drainage lines. However, minimum inconvenience was caused to the hospital and patients by the disruption experienced.

To allow for site clearance a number of houses on the north side of Eccles Street, used for hospital purposes, were vacated. The services in question were transferred to other locations.

The direct labour staff responded to more than 15,000 requests for maintenance works of varying types. These requests ranged from relatively small repair work to new installations, replacements or renewals. Maintenance priorities can vary from hour to hour and so it is very difficult to plan the work programme. An on-call service was provided by the staff to deal with emergency situations which arise outside normal working hours and the roster system worked satisfactorily.

During the year a large number of minor capital projects were undertaken. These included:

1. Renewal of roof slating on part of the east wing of the main hospital.
2. Major repairs to the asphalt roofs on the nurses home and the auditorium building.
3. Re-wiring of lighting, general service sockets and the provision of special x-ray sockets on the first floor of the main hospital.
4. The replacement of bedpan washers with automatic units in selected wards.
5. Installation of air conditioning plant in x-ray department and theatre no. 1.
6. Nurses stations were provided in a number of wards.
7. Heating of sanitary annexes in the main hospital was improved.

The fire detection alarm system in the main hospital was extended and improved with particular reference to the main theatre area. The system has settled down and the number of "nuisance alarms" has decreased since last year. A course of fire instructions was commenced and it is intended, in accordance with the fire orders, to have two instructions/drills available for each member of the staff every year.
Computer Development

In January 1983, in order to access the potentialities of the proposed hospital computer system, a representative group from the hospital visited a number of hospitals in the United States of America. As a result of this visit, discussions commenced with representatives of the Department of Health and of Messrs. McAuto Limited. Arising from these discussions a large number of modifications and additions to the planned basic HDC Plus Computer System were agreed. With these changes, the hospital was in a position to request the Department of Health to implement a total hospital computer system covering patient administration, nursing activity, laboratory, pharmacy, radiology administration and a financial package.

Difficulties arose in connection with the location of the computer centre in the short term. A further series of meetings with representatives of the Department of Health and Messrs. McAuto, was necessary. A location has been chosen adjacent to the new hospital development site and a planning application for the proposed centre is with Dublin Corporation.

The Department of Health has indicated a willingness to meet the costs of implementation of the proposed computer system, including the cost of the provision of an appropriate temporary building on the site chosen.

If planning permission is received, it is hoped that the implementation of the initial phases of the computer system will begin during 1984.

Development Programme

The building work on the new Mater Misericordiae Hospital continues. During the year a commissioning group was established to plan for the opening and commissioning of the new building. At the present time, the programme of the commissioning group and of the project team, is on target.
Retirements

It is with appreciative regret that we record the departure of:-

Mrs. M. Toole - Home Sister - Retirement
Mr. P. Shields - Porter - Retirement
Fr. D. Sandham - Transfer to other responsibilities
Sr. M.J. Berchmans - Joined the commissioning group as nurse planning officer.

The death of Sr. Anthony, Mater Misericordiae Hospital Convent, is recorded and sympathy is extended to those saddened by her departure.

Reception to mark the resignation of Sister M. J. Berchmans as matron.
# DEPARTMENT ACTIVITY SUMMARIES

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<td>15,182</td>
<td>16,125</td>
<td>16,846</td>
<td>17,825</td>
<td>18,432</td>
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<td><strong>CARDIAC DIAGNOSTIC PROCEDURES</strong></td>
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<td>675</td>
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<td>3,680</td>
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<td><strong>OUT PATIENT ATTENDANCES</strong></td>
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<td>Total</td>
<td>434,316</td>
<td>499,385</td>
<td>539,343</td>
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<tr>
<td>Total attendances</td>
<td>434,316</td>
<td>558,055</td>
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<td>PATHOLOGY TESTS</td>
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<td>839,109</td>
<td>1,005,487</td>
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<td>PATHOLOGY TESTS</td>
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<tr>
<td>TOTAL</td>
<td>1,787</td>
<td>1,781</td>
<td>1,712</td>
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<td>PULMONARY LABORATORY PATIENTS</td>
<td>1,787</td>
<td>1,781</td>
<td>1,712</td>
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<td>TOTAL</td>
<td>1,787</td>
<td>1,781</td>
<td>1,712</td>
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<td>SOCIAL SERVICES DEPARTMENT</td>
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<td>Patients Helped</td>
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28
## In Patient Statistics

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<tr>
<td>Admissions</td>
<td>15,182</td>
<td>16,125</td>
<td>16,846</td>
<td>17,825</td>
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<td>Discharges</td>
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<td>16,404</td>
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<td>Deaths</td>
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<td>491</td>
<td>460</td>
<td>478</td>
<td>379</td>
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<td>Overall Yearly Percentage Occupancy</td>
<td>91.01%</td>
<td>90.86%</td>
<td>92.00%</td>
<td>91.79%</td>
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<tr>
<td>Overall Yearly Average Stay (Days)</td>
<td>9.46</td>
<td>8.98</td>
<td>8.64</td>
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<tr>
<td>Total Bed Days</td>
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<td>153,570</td>
<td>151,574</td>
<td>152,456</td>
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### BED DAYS:

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<td>Surgical</td>
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<td>51,712</td>
<td>52,080</td>
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<td>E.N.T.</td>
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<td>Ophthalmic</td>
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<td>Orthopaedic</td>
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<td>11,065</td>
<td>11,375</td>
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<td>Psychiatric</td>
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<td>5,320</td>
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<td>Gynaecology</td>
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<td>5,882</td>
<td>6,897</td>
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<td>Children</td>
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<td>4,047</td>
<td>*</td>
<td>3,742</td>
<td>3,894</td>
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<td>Other</td>
<td>923</td>
<td>1,327</td>
<td>266</td>
<td>123</td>
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* included in categories
### Department of Child Psychiatry

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<td><strong>New Patients</strong></td>
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<td>1,264</td>
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<td><strong>Total Attendances</strong></td>
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<td><strong>Social Work Sessions</strong></td>
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<td>2,164</td>
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### Clinical Photography

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**CARDIOVASCULAR X-RAY**

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<tr>
<td>Procedures</td>
<td>2,292</td>
<td>2,330</td>
<td>2,724</td>
<td>2,679</td>
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**ACCIDENT/EMERGENCY DEPARTMENT**

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<tbody>
<tr>
<td>X-Rays</td>
<td>30,698</td>
<td>29,630</td>
<td>30,116</td>
<td>34,559</td>
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<tr>
<td>Grand Total</td>
<td>88,546</td>
<td>91,890</td>
<td>101,706</td>
<td>106,494</td>
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## Social Services

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<tbody>
<tr>
<td><strong>Interviews</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Patients</td>
<td>1,173</td>
<td>1,163</td>
<td>1,621</td>
<td>1,763</td>
<td>1,753</td>
</tr>
<tr>
<td>Others</td>
<td>2,410</td>
<td>2,206</td>
<td>3,419</td>
<td>3,440</td>
<td>3,468</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,583</td>
<td>3,369</td>
<td>5,040</td>
<td>5,203</td>
<td>5,221</td>
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<tbody>
<tr>
<td><strong>New Patients</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In Patients</td>
<td>891</td>
<td>761</td>
<td>1,091</td>
<td>1,264</td>
<td>1,244</td>
</tr>
<tr>
<td>Out Patients</td>
<td>363</td>
<td>432</td>
<td>533</td>
<td>498</td>
<td>503</td>
</tr>
<tr>
<td>Private Hospital</td>
<td>16</td>
<td>8</td>
<td>9</td>
<td>12</td>
<td>7</td>
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<tr>
<td>Home Visits</td>
<td>3</td>
<td>38</td>
<td>109</td>
<td>52</td>
<td>35</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,273</td>
<td>1,239</td>
<td>1,742</td>
<td>1,826</td>
<td>1,789</td>
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<tbody>
<tr>
<td><strong>Return Patients</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>817</td>
<td>914</td>
<td>1,509</td>
<td>1,848</td>
<td>1,564</td>
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</thead>
<tbody>
<tr>
<td><strong>Total Patients Helped:</strong></td>
<td>2,090</td>
<td>2,153</td>
<td>3,251</td>
<td>3,674</td>
<td>3,318</td>
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</table>

35
## Theatres

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td>2,284</td>
<td>2,206</td>
<td>2,211</td>
<td>2,250</td>
<td>2,113</td>
</tr>
<tr>
<td>G.U.</td>
<td>341</td>
<td>617</td>
<td>761</td>
<td>828</td>
<td>854</td>
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<tr>
<td><strong>Orthopaedic</strong></td>
<td>999</td>
<td>977</td>
<td>1,062</td>
<td>1,034</td>
<td>1,311</td>
</tr>
<tr>
<td>Vascular</td>
<td>390</td>
<td>524</td>
<td>536</td>
<td>557</td>
<td>571</td>
</tr>
<tr>
<td><strong>Cardiac Surgery</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Heart Surgery</td>
<td>428</td>
<td>452</td>
<td>499</td>
<td>603</td>
<td>659</td>
</tr>
<tr>
<td>Pacemakers</td>
<td>126</td>
<td>126</td>
<td>127</td>
<td>128</td>
<td>151</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>92</td>
<td>97</td>
<td>91</td>
<td>82</td>
<td>107</td>
</tr>
<tr>
<td><strong>Endoscopies</strong></td>
<td>266</td>
<td>331</td>
<td>292</td>
<td>303</td>
<td>262</td>
</tr>
<tr>
<td>Thoracic</td>
<td>53</td>
<td>83</td>
<td>92</td>
<td>88</td>
<td>64</td>
</tr>
<tr>
<td><strong>Ophthalmic</strong></td>
<td>970</td>
<td>1,283</td>
<td>1,333</td>
<td>1,486</td>
<td>1,562</td>
</tr>
<tr>
<td><strong>E.N.T.</strong></td>
<td>1,518</td>
<td>1,761</td>
<td>1,451</td>
<td>1,684</td>
<td>1,535</td>
</tr>
<tr>
<td><strong>Gynaecology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>262</td>
<td>292</td>
<td>368</td>
<td>393</td>
<td>581</td>
</tr>
<tr>
<td>Minor</td>
<td>544</td>
<td>538</td>
<td>601</td>
<td>571</td>
<td>394</td>
</tr>
<tr>
<td>Dental</td>
<td>142</td>
<td>150</td>
<td>121</td>
<td>101</td>
<td>109</td>
</tr>
<tr>
<td>E.C.T.</td>
<td>101</td>
<td>23</td>
<td>11</td>
<td>68</td>
<td>45</td>
</tr>
<tr>
<td>Minor</td>
<td>2,753</td>
<td>2,673</td>
<td>3,049</td>
<td>3,332</td>
<td>3,262</td>
</tr>
<tr>
<td><strong>Plaster of Paris</strong></td>
<td>223</td>
<td>171</td>
<td>511</td>
<td>272</td>
<td>260</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>11,492</td>
<td>12,304</td>
<td>13,116</td>
<td>13,790</td>
<td>13,840</td>
</tr>
</tbody>
</table>

**TOTAL MAJOR**       | 7,878| 8,624| 8,966| 9,266| 9,378|
**TOTAL MINOR**        | 3,614| 3,680| 4,150| 4,524| 4,462|
ACADEMIC CLINICAL DEPARTMENT
OF MEDICINE

Staffing

CONSULTANT:

Professor T.B. Counihan
(Head, Department of Medicine,
University College, Dublin.)

2 Special Lecturers in Medicine
(Dr. P. Garrett, Dr. J. Kenny)

3 Registrars/Senior House Officers

3 Interns

ASSOCIATED MEDICAL
STAFF:

2 Research Assistants

Scope of Service

Clinical:

Thirty-five medical beds are used to investigate and treat patients with a wide range of conditions. There is a special interest in the investigation and management of cardiovascular diseases, including hypertension. Patients with myocardial infarction are monitored and treated in the coronary care unit. The registrars provide emergency "on call" cover for patients requiring urgent transvenous cardiac pacing. One registrar and one intern also work with Dr. J. Donohoe in providing the nephrology service, in rotation. A special prothrombin clinic was set up during the year and is now much in demand.

Medical Education:

Undergraduate and postgraduate teaching of medicine is arranged by the professor and lecturers for the Faculty of Medicine of University College, Dublin.

There is a general practitioner attachment scheme for resident year students, who spend four sessions with general practitioners studying the organisation of a general practice and the nature of the problems encountered by doctors in family medicine. Students are encouraged to include general practice among their electives.

Video-recording equipment is available for use in undergraduate teaching, and tapes have been made for postgraduate instruction. Student case presentations are recorded weekly on video-tape and played back to groups as part of the training.
in clinical case presentation- Student seminars on the management of medical emergencies are organised weekly during term.

Numbers of extern students spend elective periods attached to the Medical Professorial Unit. During this year, students came from West Germany, Italy, Spain, England, Scotland and United States of America, as well as from other medical schools in Ireland.

Professor Counihan is one of the consultant cardiologists at the hospital and he is actively involved also in the cardiac department of the hospital.

Courses

The intensive course in medicine was again given at the Mater Misericordiae Hospital and at St. Vincent's Hospital in the spring of 1983, on behalf of the Faculty of Medicine of University College, Dublin.

The Mater Misericordiae Hospital also participated again in the refresher course for general practitioners in the autumn, on behalf of the Faculty of Medicine of University College, Dublin.

Conferences

Conference:- Thursdays at 10.15 a.m. with Drs. D. O'Connell and P. McCann, Radiologists.

Journal Club:- A weekly journal club meeting is organised and chaired by the lecturers on Thursdays, 1.00 p.m., in the Tutorial Block. Participants include the medical registrars, senior house officers, and medical interns. Consultants were invited to participate as guest discussants.

Student Research Projects

The department co-ordinated research projects, undertaken by medical students in the summer months, for which they received grants from the Medical Research Council and the Board of Management of the Hospital. The results of these projects were again reported at the symposium held jointly with the Department of Surgery in December.

Prizes were awarded for the best reports. Professor J. Fielding of the Royal College of Surgeons in Ireland, adjudicated.
Other Activities

Professor T.B. Counihan continued on the editorial board of Medicine International, and membership of the Medical Research Council, and again acted as external examiner for the membership of the Royal Colleges of Physicians of Ireland and London.

Research Activities

These included hypertension and the usefulness of captopril in the therapy of this condition was confirmed and reported to the International Symposium on Captopril in Killarney, by Professor T.B. Counihan. This study has also been prepared for publication.

The role of captopril and vasodilator drugs in the management of congestive heart failure was explored and defined.

Studies of magnesium metabolism were extended, in conjunction with Dr. Michael Ryan of the Department of Pharmacology at University College, Dublin, to include myocardial cell concentration, and the results suggest an importance in relation to cardiac arrhythmia inter alia.

Out Patient Clinics

Wednesday 2.00 p.m. - 5.00 p.m.
Friday 11.00 a.m. - 1.00 p.m.
ACCIDENT/EMERGENCY DEPARTMENT

Staffing

CONSULTANT: Dr. P. O'Connor

NON-CONSULTANT 8 Casualty Officers
HOSPITAL DOCTORS:

NURSING STAFF: 1 Department Sister
11 Casualty Staff Nurses
5 Casualty Course Staff Nurses

CLERICAL AND 2 Clerks
ADMINISTRATIVE STAFF: 1 Porter

Scope of Service

The accident/emergency department continued its role as the emergency assessment area of the hospital, taking part in the Dublin emergency ambulance rota and in the Eastern Health Board cardiac ambulance rota.

As a member of the cardiac rota the hospital was frequently unable to give a service because of the large number of cardiac patients self-presenting to the accident/emergency department and a large number of patients of the cardiac department who naturally came to the accident/emergency department when in trouble.

Teaching

Undergraduate training continues for medical students and nurses. Postgraduate training for the senior house officers continues on a weekly basis and a number of projects are currently on-going. The department is now involved in the training schemes of the Anatomy Department, University College, Dublin, the Dublin Regional General Practitioners® scheme, the Surgical Postgraduate training scheme and the Mater Misericordiae Hospital Medical Rotation scheme. The ambulance service continues to send its trainees for short practical experience sessions.

Publications

Sports injuries and the casualty department.
P. Burke, N. Buckley, D. McShane, P. O'Connor.
ADMISSIONS UNIT

Staffing

ADMISSIONS OFFICER: Miss S. O’Neill

The number of patients admitted during 1983 increased by 3.4%, from 17,825 to 18,432. This has resulted in even greater and continued pressure on bed occupancy.

The numbers admitted through the accident/emergency department still represent almost one third of all total admissions and consequently the department has great difficulty ensuring that beds are available for patients admitted through this area, together in dealing with the increasing waiting list for routine admissions.

<table>
<thead>
<tr>
<th>Total Admissions:</th>
<th>1982</th>
<th>1983</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>17,825</td>
<td>18,432</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Admissions per Health Board:</th>
<th>1982</th>
<th>1983</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern Health Board</td>
<td>13,799</td>
<td>14,114</td>
</tr>
<tr>
<td>North Eastern Health Board</td>
<td>1,452</td>
<td>1,631</td>
</tr>
<tr>
<td>South Eastern Health Board</td>
<td>850</td>
<td>842</td>
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<tr>
<td>Midland Health Board</td>
<td>492</td>
<td>588</td>
</tr>
<tr>
<td>Southern Health Board</td>
<td>318</td>
<td>289</td>
</tr>
<tr>
<td>Mid Western Health Board</td>
<td>262</td>
<td>300</td>
</tr>
<tr>
<td>Western Health Board</td>
<td>239</td>
<td>241</td>
</tr>
<tr>
<td>North Western Health Board</td>
<td>333</td>
<td>404</td>
</tr>
<tr>
<td>Others</td>
<td>80</td>
<td>23</td>
</tr>
</tbody>
</table>
ADULT PSYCHIATRY DEPARTMENT

Staffing

CONSULTANT: Professor J.P. Malone

NON-CONSULTANT 1 University Tutor

HOSPITAL DOCTORS: 2 Registrars

4 Senior House Officers

3 Interns

SECRETARIAL: -1 Clerk Typist

The department is fully accredited by the Royal College of Psychiatrists as a centre for post-graduate training in psychiatry.

Scope of Service

The department provides:-

(a) An outpatient assessment and treatment service. In 1983 there were three thousand five hundred and sixty three attendances to the out patient department including nine hundred and forty nine new patients.

(b) An inpatient treatment service in the Mater Misericordiae Hospital. In 1983 three hundred and fourteen inpatients were treated.

(c) A psychiatric consultation service. In 1983 there were two hundred and thirty consultations. Fifty eight per cent were female, seventy eight per cent were from medical firms and twenty two per cent from surgical firms.

Reasons for referral:

<table>
<thead>
<tr>
<th>%</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>26%</td>
<td>Depression</td>
</tr>
<tr>
<td>19%</td>
<td>Attempted suicide</td>
</tr>
<tr>
<td>12%</td>
<td>Alcohol abuse</td>
</tr>
<tr>
<td>12%</td>
<td>Neurotic disorders</td>
</tr>
<tr>
<td>8%</td>
<td>Acute organic reaction</td>
</tr>
<tr>
<td>7%</td>
<td>Schizophrenia and paranoid states</td>
</tr>
<tr>
<td>5%</td>
<td>Anorexia/bulimia nervosa</td>
</tr>
<tr>
<td>3%</td>
<td>Dementia</td>
</tr>
</tbody>
</table>

(d) An intergrated inpatient and outpatient service with St. Vincent's Hospital, Fairview.

(e) An extensive undergraduate and postgraduate training programme.
Research Interests

(1) A study on the impact on the family of the birth of a preterm baby. In collaboration with Dr. F. Gorman, Consultant Neonatologist, National Maternity Hospital, Holies Street, Dublin.

(2) Family assessment in anorexia nervosa. An ongoing project in association with Dr. N. Byrne, Consultant Psychiatrist, Department of Child & Family Psychiatry, Mater Misericordiae Hospital.

(3) A planned study to assess need for a mother and baby unit in the management of puerperal psychosis.

(4) A planned project:- Multicentre study to assess different treatment methods in puerperal psychosis. Dr. D. Keelan, St. Vincent's Hospital, Fairview, Dublin 3, in collaboration with Dr. R. Kumar, Consultant Psychiatrist, Institute of Psychiatry, London.

Publications


Conferences


(3) Conference on Mother and Baby Units, Marce Society Manchester, September, 1983. Dr. Anne Jackson.

Regular Meetings

Tuesday - 1.45 p.m. Case conference with medical social workers

[Wednesday - 8.30 a.m. Case conference with Professor J.P. Malone

[Wednesday - 11.30 a.m. Case conference - St. Vincent's Hospital, Fairview.

[Wednesday - 2.00 p.m. Post graduate training session

Friday - 12.30 p.m. Journal club

Out Patient Clinics

Monday - 9.30 a.m. 12.30 p.m.

Thursday - 9.30 a.m. 12.30 p.m.
ANAESTHETIC DEPARTMENT

Staffing

CONSULTANTS:
Dr. J.B. Magner (Chairman)
Dr. J.R. McCarthy
Dr. D.A.C. Breslin
Dr. D.G. Tyrrell
Dr. D. Moriarty (Secretary and Temporary Research and Teaching Co-ordinator)
Dr. M. Floyd
Dr. W.P. Blunnie (Undergraduate Teaching Co-ordinator)
Dr. R. MacSullivan (Post-graduate Teaching Co-ordinator)

NON-CONSULTANT HOSPITAL DOCTORS:
3 Senior Registrars
5 Senior House Officers

NURSING STAFF:
1 Sister
2 Staff Nurses
3 Student Nurses

CLERICAL AND ADMINISTRATIVE STAFF:
1 Secretary

Report

During the year a Senior House Officer post was changed to a Senior Registrar post and a micro computer was donated by a grateful patient via Mr. Maurice Neligan.

Dr. John R. McCarthy continues as extern examiner to the London F.F.A.R.C.S. and as a member of the Joint Committee for Higher Training of Anaesthetists. He acted as extern examiner in Singapore in the Master of Medicine (Anaesthetics) examination.

Dr. D.G. Tyrrell was appointed chairman of the examination committee of the Irish Faculty of Anaesthetists. He was extern examiner in the Final F.F.A.R.C.S. in
London and was elected to the Electro-Technical Council of Ireland as Faculty Representative.

Dr. W. Blunnie continues as a member of the Dublin Health Committee, an advisory committee to the Eastern Health Board.

Dr. D. Moriarty continues as secretary to the Faculty of Anaesthetists and organizer of the Primary Fellowship Examination of the Faculty of Anaesthetists in Ireland. He also acted as extern examiner in the Primary Fellowship Examination (London) in Kuwait in May, 1983.

**Scope of Service**

Anaesthetic and allied services are provided in the cardiac and other operating theatres, the department of radiology, the cardiac investigation department, the coronary care unit, the intensive care unit and the accident/emergency department; also for e.m.g. and e.e.g. The members of the anaesthetic department are called on to aid in the management of such medical disorders as myasthenia gravis, tetanus, guillain barre syndrome and respiratory failure which may require artificial ventilation.

**Special Interests**

Cardiac surgery which offers facilities for training in the use of cardiac drugs and special techniques

Other specific special interests are:-

- Dr. D. Moriarty - consultant in charge of the intensive care units.
- Dr. D.G. Tyrrell - blood gas analysis and myasthenia gravis.
- - the use of computers in anaesthesia and intensive care.
- - muscle relaxants.
- - use of local anaesthetic techniques.
- Dr. C. Breslin/
- Dr. M. Floyd/ - use of local anaesthetic techniques.

**Special Equipment and Techniques**

Sophisticated equipment is in use for monitoring patients during cardiac surgery. This includes equipment for blood gas analysis, the use of the swan-ganz catheter
to measure pulmonary wedge pressure and cardiac output measurement using a computer.

Intra-arterial and central venous pressure monitoring is, of course, routine in both cardiac and general theatres.

**Research Activities**

Evaluation of the benefits of the use of the cell saver.
A. McShane and D. Moriarty.

Comparison of epidural, Buprenorphine and Bupivacaine for post-operative pain.
D. Murphy, A. McShane and R. MacSullivan.

Suitability of Isoflurane for cardiac surgery.
A. McShane and J.R. McCarthy.

The effect of Atracurium on intra-ocular pressure.
D. Murphy and J. Magner.

An assessment of Vecuronium.
D.G. Tyrrell.

Total intravenous anaesthesia with Alfentanyl and Intrathecal Morphine in open heart surgery.

Anaesthetic management of ascending aortic aneurysm.
G. Dorrian and R. MacSullivan.

Evaluation of oral and intramuscular morphine with correlation to serum and c.s.f. levels.
L. Claffey and W.P. Blunnie.

Oral morphine and the cardiac patient.
A. McShane and W.P. Blunnie.

**Conference/Meetings**

1. Intensive Care Society of Britain, Dun Laoghaire, Co. Dublin - March, 1983
D.G. Tyrrell.
   **D.G. Tyrrell.**

   R. MacSullivan.

   D.G. Tyrrell.

5. 2nd world congress on computers in anaesthesia and intensive care. Rotterdam
    - September, 1983.
   D.G. Tyrrell.

   R. MacSullivan.

7. International Anaesthetic Research Society. New Orleans, United States of
   America - March, 1983.
   D. Moriarty.

8. International conference of officers of the Faculties of Anaesthesia. Atlanta,
   United States of America - October, 1983.
   D. Moriarty.

9. American Society of Anaesthetists, annual meeting. Atlanta, United States of
   America - October, 1983.
   D. Moriarty.

    W.P. Blunnie.

    All members of the Department.

**Papers and Lectures**

1. Lecture to the Singapore Anaesthetic Society on intra-dural morphine in
   cardiac surgery.
   J.R. McCarthy.
2. Symposium on Midazolam, Dublin-
Chairman - J.R. McCarthy.

D. Moriarty.

4. Paper on Haemodilution, Mount Sinai Hospital, New York, United States of America.
D. Moriarty.

5. Myocardial Ischaemia during Anaesthesia, to the Annual Scientific Meeting of the Faculty of Anaesthetists, Dublin - May, 1983.
R. MacSullivan.

W.P. Blunnie.

Publications

D. Calthorpe, B.A. Finegan, D.C. Moriarty, M.C. Neligan.

2. Autotransfusion - a brief review.
B.A. Finegan, D.A.D. Calthorpe, D.C. Moriarty.

B.A. Finegan, D.C. Moriarty.

4. Cardiovascular and biochemical evidence of stress during major surgery associated with different techniques of anaesthesia.
W.P. Blunnie et al.

5. Acute upper airway obstruction following sublingual haematoma.
J. Murray, W.P. Blunnie.
CARDIAC MEDICINE DEPARTMENT

Staffing

CONSULTANTS:
Prof. S. Blake
Prof. T.B. Counihan
Dr. C. McCarthy
Dr. J. Horgan
(also St. Laurence's Hospital)

NON-CONSULTANT
HOSPITAL DOCTORS:
2 Registrars
1 Senior House Officer
2 Interns
2 Research Fellows

PARA-MEDICAL STAFF:
4 E.C.G. Technicians
4 Cardiac Technicians

CLERICAL STAFF:
2 Clerk Typists

Scope of Service

All forms of heart disease are investigated and treated. Patients are received from many sources, including general practitioners, other hospitals throughout the country, the accident/emergency department and the coronary ambulance services. There are twenty-nine beds in three wards. Two wards are for routine admissions, while the third is a special preoperative assessment ward. There is a coronary unit of five beds. This has a high occupancy and turnover rate, and it is no longer adequate to meet demand. The overflow is accommodated in the general ward in cardiac beds which have been equipped for intensive cardiac monitoring.

The cardiac laboratories are equipped to carry out invasive and non-invasive cardiac investigations. Both elective and emergency investigations are undertaken. An E.C.G. service is provided for in-patients, out-patients and for patients referred by general practitioners. Exercise E.C.C.s are also performed. The demand for all cardiac investigations continues to grow. As a result the investigative laboratory facilities have become inadequate for the department's needs, but this problem will be ameliorated during 1984, when a second laboratory becomes established.
Special Equipment and Techniques

The cardiac laboratories contain bi-plane cineangiographic facilities and bi-plane full-sized film changers. This equipment makes it possible to carry out cardiac coronary and carotid angiography. Effective specification of cardiac chambers is achieved by a computerised pressure injector. Pressure monitoring equipment allows four pressure tracings to be recorded simultaneously and intra-ventricular pressure dP/dT can be obtained with manometer-tipped catheters. Cardiac output is measured by thermodilution using Swan-Ganz catheters. There are facilities for 2-dimensional echocardiography. There is equipment for intra-cardiac and His-bundle electrocardiography and for phonocardiography and apex cardiography. Facilities for cardiac scintigraphy are available in the scanning section of the general x-ray department.

Special Interests

The special interest is in the pre-operative assessment of cardiac patients. The Mater Misericordiae Hospital is the major centre in the country for this work.

Research Activities

Research is currently concerned with the results of cardiac surgery, heart disease in pregnancy, hypertension and constrictive pericarditis. Two research fellows are currently employed. All junior staff above intern level engage in part-time research.

Publications

1. Nifedipine in the local ment of hypertension.

2. Valve replacement for aortic valve disease.
   M. Flanagan, M. Kirwan, S. Blake, T.B. Counihan, P. McCann, C. McCarthy,

   P. Blake, S. Blake, D. Mac Donald.
4. The effect of posture on cardiac output in late pregnancy complicated by pericardial constriction.
S. Blake, S.F. Bonar, C. McCarthy, D. Mac Donald.

5. Aetiology of constrictive pericarditis.

6. The diagnosis and treatment of constrictive pericarditis.

S. Blake.

8. Cardiac constriction due to malignant disease of the pericardium.

9. Management of the failing heart.
S. Blake.

Out Patient Clinics:

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<th>Monday</th>
<th>Friday</th>
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<tr>
<td></td>
<td>2.00 p.m.</td>
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Activity Analysis

E.C.G. Unit:

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<tbody>
<tr>
<td>In Patients</td>
<td>9,862</td>
<td>11,659</td>
<td>12,695</td>
<td>12,114</td>
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<td>Out Patients</td>
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<td>7,895</td>
<td>8,499</td>
<td>9,115</td>
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<td>Effort Tests</td>
<td>412</td>
<td>468</td>
<td>353</td>
<td>473</td>
<td>317</td>
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<td>Total</td>
<td>16,242</td>
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Cardiovascular X-Ray Laboratory

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<tr>
<td>Total Patients</td>
<td>740</td>
<td>760</td>
<td>907</td>
<td>893</td>
<td>861</td>
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<tr>
<td>Total Procedures</td>
<td>2,292</td>
<td>2,330</td>
<td>2,724</td>
<td>2,679</td>
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Coronary Care Unit

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<tbody>
<tr>
<td>Admissions</td>
<td>487</td>
<td>436</td>
<td>453</td>
<td>445</td>
<td>613</td>
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</table>
CARDIO-THORACIC SURGERY DEPARTMENT

Staffing

CONSULTANTS:  
Professor E. O’Malley  
Mr. M.C. Neligan (also Our Lady’s Hospital for Sick Children, Crumlin.)  
Mr. K.M. Shaw (also Royal City of Dublin Hospital.)

NON-CONSULTANT HOSPITAL DOCTORS:  
1 Senior Registrar  
1 Registrar  
2 Senior House Officers  
3 Interns

PARA-MEDICAL STAFF:  
4 Perfusionists

During 1983 the throughput of cardiac surgery increased once more. There were six hundred and fifty nine cases of open heart surgery compared with six hundred and three in 1982. In addition, there were several closed procedures and also over one hundred pacemaking procedures. Despite the increase in throughput, the waiting list, particularly for coronary artery surgery, continued to increase. Towards the end of 1983, the Department of Health approved staff and funds to enable expanded facilities for cardiac surgery be provided, and it is hoped that this will help in dealing with the extensive waiting list.

Educational Activities

During the course of the year, the unit participated in full, in all the teaching and tutorial activities at undergraduate and postgraduate level.

Out Patient Clinics:

Cardiac Surgical  
Wednesday  
2.00 p.m.

Cardiac Pacemaker  
1st Thursday of every month  
2.00 p.m.

Professor E. O’Malley  
Thoracic/General Surgery  
Thursday  
9.00 a.m.
Illness can be a time of profound crisis and questioning for the sick themselves, for their families and for those who care for the sick. Questions arise about the meaning of life and death, the problems of suffering and pain, also about one’s values and priorities in life and about faith and the goodness of God. . . . It can also be a time of grace, of great personal and spiritual growth when God invites us through Christ our Healer to draw closer to him in faith, hope and love. The Chaplain assists the patient and his/her dear ones in this growth by bearing witness to Christ’s very special love and concern for the sick, by the celebration of the Eucharist and of the other sacraments, especially the Sacrament of the Sick, and by a broadly based pastoral counselling and supportive service to patients, their families and indeed the entire health care team of the hospital. In this way his work is seen as complementing the work of other hospital personnel in the common task of all to provide a service of total patient care.

Scope of Service

1) To help the patient cope with pain and suffering.
2) To administer the Sacraments to patients and staff.
3) To pray with the patient.
4) To assist the patient undergoing fears and anxieties resulting from sickness.
5) To counsel the patient about personal and family problems.
6) To visit patients before surgery and at other times of stress.
7) To help the patient face death with calmness and dignity.
8) To comfort the patient’s relatives.
9) To arrange and provide ward masses for the sick.
10) To provide church services in the hospital for hospital staff.
11) To arrange and conduct funeral services in the hospital mortuary.
12) To contribute to the training and education of student nurses.
13) To counsel hospital employees with their personal and family problems.
14) To keep all staff informed of latest developments in Pastoral Care.

New Developments

The most welcome and exciting innovation within the Chaplaincy service was the setting up on 1st September of the Pastoral Care Department staff by the Chaplains and three full-time trained Pastoral Care Workers (Associate Chaplains): Sr. M. Raymond, Sr. Marian Joseph and Sr. Josephine. This long-awaited development contributes immeasurably to the range and effectiveness of the Chaplain's work.

Through their visitation, counselling, praying and supportive presence the Pastoral Care Workers minister to the spiritual, emotional and psychological welfare of patients and families. In bringing this Christian witness of Pastoral Care to the Mater Misericordiae Hospital, Chaplains and Associate Chaplains alike, wish to emphasise that their ministry should be seen as complementary to and supportive of the pastoral role of all other hospital personnel and is not intended to replace it.

A brochure outlining the services of the combined Chaplaincy/Pastoral Care Department is at present in preparation and it is intended to make a copy available to each new patient on admission.

Happenings

One of the saddest events we have to report is the departure of Fr. Denis Sandham, O.S. Cam., Chaplain since 1976 who has been recalled to work in his Order. His dedication to the sick, deeply spiritual humanity and unfailing cheerfulness made him one of the best-loved and admired members of the staff.

We wish him every success in his new appointment.

We are happy of welcome the new Chaplain, Fr. M. Geraghty, O.S. Cam., who has joined our staff and wish him well too in his new apostolate.

On 3rd November, 1983 Bishop James Kavanagh was principal concelebrant at a special Mass for the Sick in the hospital Chapel, during which the Sacrament of the Sick was celebrated. His easy friendly style and moving homily was excellent "medicine" for patients and staff alike.

On 7th November, 1983 ten sisters were commissioned in the hospital Chapel as Special Ministers of the Eucharist. This has enabled us to bring Holy Communion to all patients immediately after the morning Mass which is broadcast over Radio Mater to all the wards.
DEPARTMENT OF CHILD AND FAMILY
PSYCHIATRY

Staffing

CONSULTANT PSYCHIATRISTS: Prof. J.P. Malone
Dr. P.E. McQuaid
Dr. E.M.P. Siung
Dr. N. Byrne
Dr. N. Healy

ADMINISTRATOR: Sr. Joseph Teresa

PRINCIPAL PSYCHOLOGIST: Miss P. Kasteel

SENIOR PSYCHOLOGIST: Mr. A. Conway

SENIOR SOCIAL WORKER: Sr. Margherita

PRINCIPAL SPEECH THERAPIST: Sr. Joseph Teresa

SENIOR SPEECH THERAPIST: Mrs. J. Boyle

NON-CONSULTANT HOSPITAL DOCTORS: 1 Senior Registrar
1 Registrar

CLINICAL PSYCHOLOGISTS: 6

SOCIAL WORKERS: 6

FAMILY THERAPISTS: 1

SPEECH THERAPISTS: 3

PSYCHIATRIC NURSES: 1

SPECIAL SCHOOL PRINCIPAL: 1

REMEDIAL TEACHING PROGRAMME: 4 Part-Time Teachers

CLERICAL STAFF: 4

The resignation of Miss T. Brady, senior psychologist, Ballymun, is noted here with regret. She was a most important member of the staff of the department and signally contributed to the establishment of the Child and Family Clinic at Ballymun. She has taken up whole-time duties in the Department of Psychology, University College, Dublin, but maintains her links with the department through supervision of graduate students placed for clinical experience in the department.

The department is accredited by the Royal College of Psychiatrists for general professional training in psychiatry. It is also approved by the Joint Committee on Higher Psychiatric Training and the Irish Psychiatric Training Committee for Higher
Professional Training in Child and Adolescent Psychiatry. Two training posts are available in this regard.

Post graduate training in clinical psychology, social work, speech therapy and other disciplines also occurs, the department having been approved by the relevant supervisory professional bodies.

Speech Therapy

Mrs. J. Boyle is at present a member of the Standing Committee for the Implementation of Standards of Clinical Supervision - Trinity College, Dublin.

Sr. Joseph Teresa is at present chairperson of the Clinical Working Party, Department of Remedial Linguistics - Trinity College, Dublin.

Scope of Service

The department addresses itself to an array of concerns that beset the experience of childhood and youth within several significant social contexts.

The broader needs of children and their families located in a community which is experiencing many untoward and unforeseen shifts and changes is in constant focus. This demands a broader and congruent perspective on the professional's part in remaining responsive to and effective with emergent needs.

Four multidisciplinary teams linked to specific geographical areas have improved the comprehensive and effective qualities of service delivery. In particular the problems of lengthy waiting lists is circumvented. Regrettably, a plan for a satellite clinic in Coolock has not materialised. This can only be viewed as a serious setback in the attempt to develop a more readily available service located in a community of escalating under-privileged and as a result, the hoped-for expansion to cope with the enormous workload has again been deferred.

Assessment, diagnosis and treatment of children and adolescents and their families presenting with emotional disorders, educational and language difficulties forms the main activity of the staff.

The department maintains a well established expertise in the assessment of the developmental parameters i.e., language, cognition and personality of pre-school and latency aged children. Intensive remediation services are available within the clinic for young children with speech and language and associated educational difficulties. A broadly based and expanding psychological service is linked to all
primary schools in the catchment area, and to date have been actively involved in
developing resources for children with special educational needs over a number of
years. Specialist assessment and treatment of autistic and severely disturbed
children from areas outside Dublin is provided at St. Paul’s Hospital, Beaumont.
(See under St. Paul’s Hospital).

Ballymun Child and Family Clinic:

Opened in 1974, this clinic is located in the centre of the Seven Towers Shopping
Centre and serves Ballymun and contingent areas of Glasnevin, Finglas and Santry.
It is estimated that 45% of the Ballymun population is under fourteen, that is
almost double the national average. Thus Ballymun provides an ideal setting for a
Child and Family Clinic. There are many pressures on families bringing up very
young children in high rise flats. Apartment blocks are often inadequately
maintained, lifts frequently out of order, rising unemployment, and material and
social deprivation contribute to much real hardship. The demand on clinic services
has increased considerably although the staff of five full-time and four part-time
personnel has remained unchanged for the past six years.

The clinic provides service to:

(a) the fourteen schools in the area including primary, post primary and special
schools; and
(b) to special nurseries and the well developed and extensive playgroups.

In addition, the staff works with and through other professionals in the area
including child health nurses and doctors, the adult psychiatric team, general
practitioners, the clergy, gardai, community social workers and other community
personnel. The clinic took a lead in bringing the various professionals in the area
together through the organisation of community meetings and the initiation of a
number of special projects. In addition to working with a large number of
children and families presenting with a range of psychological, psychiatric and
social problems, there is a special emphasis on prevention and on developing
community strengths. This is done through the initiation, development and support
of a variety of projects.

Speech Therapy

(a) Provision of speech therapy services in the north-east side of the city,
including a full-time clinic in the Ballymun area, serviced by a full-time
senior speech therapist.
(b) Specific language programme for daily and afternoon children attending the Special School - Mater Misericordiae Hospital.

(c) Specific language programmes for day and in-patients - St. Paul's Hospital, Beaumont.

(d) Treatment of adult patients, both in hospital and as out-patients.

Specialist Services -

(a) Consultant services for therapists and patients where there is a complex language and speech disorder. These consultations come from all parts of the country.

(b) Treatment of stammerers by means of group therapy for parents and children.

(c) Treatment of adult stammerers through intensive group therapy.

New Developments

1. The Ballymun Clinic has moved to a new premises on the same floor which allow for much greater scope to develop programmes for children and parents' groups. Difficulties have been experienced by lack of full time professional staff and the assumption of additional administrative duties by the senior speech therapist.

2. The Ballymun staff have undertaken the following:
   (a) Ten week training course for volunteers involved in 'Parent Under Stress', a new phone-in service for parents having particular difficulties in coping with their children and likely to abuse and neglect them, has been developed by Miss S. Scanlon, P.S.W.
   (b) Follow-up support and continuing training for 'Parent Under Stress' and the facilitation of its first Annual General Meeting have been supported by Miss S. Scanlon. In addition, she has facilitated the establishment of a Galway CARE branch development of a 'Parent Under Stress' group.

3. Two day workshop in behaviour modification for the uncontrollable child - Miss S. Scanlon P.S.W. and Mr. P. King, clinical psychologist.
4. Additional support has been provided by the Ballymun staff to the Geraldstown Resource Centre Advisory Committee; talk on management to Day Foster Parents in Tallaght and other supports to playgroup leaders.

5. The establishment of Senior Registrar Training Scheme, as approved by the Joint Committee on Higher Psychiatric Training, has started with the appointment of the first senior registrar in Child Psychiatry, Dr. C. Fitzpatrick.

6. During the year the department was visited by teams from the British Psychological Society and the Psychological Society of Ireland as part of the procedures for the accreditation of the Master of Psychology Science in Clinical Specialisation at University College, Dublin. The course has been rated favourably and has been given full approval by both societies. A special feature noted by the teams was the quality of supervised clinical placements and the Department of Child Psychiatry and its community-based clinics and St. Paul's Hospital, Beaumont were commented upon favourably. The course organiser is Miss T. Brady.

Ongoing Projects

Consultation and Liaison:

Support is still provided for the Cork Street Project, pre-school programme. The small group homes at Amien Street and Tabor House are still supported by senior staff on a consultative basis. Furthermore, consultative services are provided to the children's homes, Charleville Road, under the direction of Sr. Cyril, Sister of Mercy and St. Vincent's, Goldenbridge, Inchicore, under the direction of Sr. Fabian. As before, St. Kyran's Rathdrum, under the direction of Sr. Xavaria, the Sacred Heart Home, Drumcondra under the care of the Sisters of St. Vincent de Paul and the services of the Sisters of Charity of Our Lady of Refuge at An Grianan, Croi Nua and the hostel at Gracepark Road, Drumcondra, are facilitated on a similar basis.

Adolescent facilities: The department provides consultation to Our Lady's Hostel, Eccles Street, Dublin 7 and Croi Nua, High Park, Drumcondra, Dublin 9, both specialised residential and aftercare facilities for boys and girls respectively.

The department at this stage is engaged in advanced planning with the Sisters of Charity of St. Vincent de Paul to develop a day and residential adolescent treatment programme at St. Vincent's Hospital, Fairview.
Assessment and diagnostic services run by the Department of Education. Occasional consultation continues to be provided at St. Michael's Assessment Unit in Finglas for the purpose of specialised evaluation on a residential basis of young delinquents and those who are having difficulties attending school.

Speech Therapy

(2) The use of the family interview as an intervention in speech therapy - Sr. Joseph Teresa.

(3) A standardised procedure for the assessment of pre-school children - All therapists involved.


(5) The use of signing-systems with non-communicating, severely disturbed children. This is taking place in the context of a new Irish manual signing - system 'Lamh' which is under research at present - M. Shiel.

Academic Programme
Invited distinguished speakers give seminars throughout the academic year to the department. These seminars are open to the more general professional public on an invited basis. In addition there are monthly Journal Clubs on an intra-disciplinary basis and general departmental case conferences.

Post Graduate Training
These include social work students from University College, Dublin, University College, Cork and Trinity College, Dublin, as well as psychology students from University College, Dublin and other universities abroad for whom the clinical co-ordinator is Miss P. Kasteel. Lectures in clinical supervision are provided to child care students. Sr. Margherita has been involved in negotiations with the Departments of Health and Education for the purpose of improving professional standards of training and practice for the discipline.
The post graduate training programme in psychiatry - child and family psychiatry is run jointly with the St- John of God Brothers Child and Family Clinic at Rathgar in the context of a weekly academic seminar. Only psychiatrists in training are eligible to participate in this programme which continues throughout the academic year. Dr. McQuaid is the Irish representative on the Joint Committee on Higher Psychiatric Training, Child and Adolescent Psychiatry Specialist Advisory Committee in London and serves also on the Irish Psychiatric Training Committee and the Higher Training Sub-Committee in the Republic.

**Speech Therapy**

All staff are involved in the training and supervision of speech therapy students from the Department of Remedial Linguistics, Trinity College, Dublin.

Members of staff also lecture to medical students, pre-school groups leaders and hold teaching posts in St. Patrick's Training College, Drumcondra and Trinity College, Dublin.

**Lectures and Workshops**

(1) Workshop on supervision to child care supervisors in Cathal Brugha Street - to speech therapists on 'Counselling and Speech Therapy', workshop - to inner city teachers on the work of the Department of Child and Family Psychiatry and on links between school and teachers and mental health professionals and a series of lectures to Trinity College, Dublin, post graduate social work students on social work and child psychiatry, were given by Mrs. F. Fitzgerald, P.S.W.

(2) Master of psychology students in University College, Dublin, medical students in the College of Surgeons at the Children's Hospital Temple Street, received lectures from Dr. C. Fitzpatrick, Senior Registrar.

(3) Post graduate psychiatric trainees, medical students and physiotherapy students at the Mater Misericordiae Hospital as well as nursing students and public health nurses at the Children's Hospital Temple Street received lectures from Dr. P. Siung.

(4) The department is actively involved in block teaching of final year medical students and all consultants participate as do the senior registrar and registrar, as well as other members of the staff.
(5) Physiotherapy students receive a course of lectures.

(6) Family breakdown in Ireland.
Lecture given by Dr. P. McQuaid to Association of Child Psychiatry and Psychology (Irish branch).
Lecture given by Dr. P. McQuaid to the north-western branch of the Irish Association of Social Workers.

(7) Lectures to student nurses have been given by psychologists.

(8) Co-ordination of and lectures to Dublin Institute of Adult Education have been provided by -
Miss O. O’ Donovan.

(9) Papers have been presented to:
   a) Irish Paediatric Association, May, 1983 in Dublin.
   b) Royal College of Psychiatrists, July, 1983 in Bristol by -
      Dr. C. Fitzpatrick.

Speech Therapy
(1) Intensive therapy with stammerers.
   J. Boyle, M. Wright, L. Cahalane.
   Irish Association of Speech Therapists Workshop - Wexford.

(2) Speech therapy and reading disability.
   Sr. Joseph Teresa.
   Galway University Remedial Reading Course.

(3) Speech and language development of the child.
   J. Boyle.
   Pre-school play-group leaders.

Publications
(1) Hysterical cough in childhood - a case report.
   Dr. N. Sheppard and Dr. P. McQuaid.

(2) 'Parents Under Stress'.
   S. Scanlon.
   AIM magazine, ASTI magazine and Dutch magazine.

Speech Therapy
(1) Adult stammering - Group therapy.
   Irish Association of Speech Therapists Journal.
Research

Dr. C. Fitzpatrick

(1) A study of emotional disorders in children with muscular dystrophy has been undertaken jointly with the staff of the Central Remedial Clinic, Clontarf.

(2) A study of psychological symptoms in children undergoing treatment for acute leukaemia has been undertaken jointly with the Children’s Hospital, Temple Street.

Activity Analysis

Department of Child Psychiatry

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<tr>
<td>New Patients</td>
<td>1,641</td>
<td>1,264</td>
<td>2,016</td>
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<td>Total Attendances</td>
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<td>Social Work Sessions</td>
<td>1,610</td>
<td>2,200</td>
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<td>Social Work Attendances</td>
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<td>Psychology Sessions</td>
<td>1,683</td>
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<td>Psychology Attendances</td>
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<td>Psychiatric Sessions</td>
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<td>Psychiatric Attendances</td>
<td>2,712</td>
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<td>4,903</td>
<td>3,616</td>
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<tr>
<td>Speech Therapists Sessions</td>
<td>1,285</td>
<td>877</td>
<td>1,487</td>
<td>1,547</td>
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<tr>
<td>Speech Therapists Attendances</td>
<td>2,856</td>
<td>2,483</td>
<td>3,522</td>
<td>3,285</td>
<td>3,087</td>
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<tr>
<td>Remedial, Educational and Social/Perceptual Training Sessions</td>
<td>43</td>
<td>98</td>
<td>145</td>
<td>461</td>
<td>260</td>
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<td>Attendances</td>
<td>409</td>
<td>474</td>
<td>1,382</td>
<td>2,234</td>
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CLINICAL GENETICS

Staffing

CONSULTANT: Prof. J. Masterson

ASSOCIATED MEDICAL STAFF: Dr. Susan McManus

Scope of Service

Country-wide referrals for genetic counselling in:-

Chromosomal, monogenic and multifactorial defects.
Malformation syndromes.
Mental handicap.
Anomalous sexual development.
Infertility.
Recurrent abortions.

Special Techniques

Chromosome analysis.
Clinical biochemistry related to genetic defects.
Dermatoglyphics.

Out Patient Clinic

Tuesday 9.30 a.m.
DERMATOLOGY DEPARTMENT

Staffing

CONSULTANTS:  
Dr. J. Barnes  
Dr. S. O’Loughlin

NON-CONSULTANT HOSPITAL DOCTORS:  
1 Senior House Officer  
(shared with Dr. H. Staunton)

CLINICAL RESEARCH:  
Dr. J. Mackey  
(Assistant to Dr. Barnes)

Dr. B. Alton  
(Assistant to Dr. O’Loughlin)

Scope of Service

The department is the regional referral centre for dermatology in Dublin and North Leinster. It caters for all specific skin conditions. Difficult problems requiring sophisticated diagnostic or therapeutic techniques are referred from all parts of the country. The department is a major dermatology teaching centre for the medical students of University College Dublin.

Special Equipment and Techniques

Photochemotherapy for the treatment of psoriasis. Special interest in immunological disorders related to skin.

Publications

S. O’Loughlin.  

S. O’Loughlin.  

3. Histiocytosis X with pulmonary and cutaneous manifestations in an elderly woman.  
Accepted for Publication

1. Cicatricial trichoepithelioma, first reported familial cases.
   S. O'Loughlin, P. Dervan, M. O'Hegarty, T. Corrigan.
   American Journal of Dermatopathology.

Submitted for Publication

1. Abnormal glucose tolerance, decreased circulating T cells, and HLA profile in twenty five hidradenitis suppurativa patients.

   S. O'Loughlin, R. Woods, D. Merlehan, J. Kirrane.

3. Aspects of humoral immunity in thirty hidradenitis suppurativa patients pre and post treatment.
   S. O'Loughlin, R. Woods, C. Martin, J. Kirrane.

4. Direct immunofluorescence of normal skin in fifty rheumatoid arthritis patients.
   O. Fitzgerald, L. Barnes, R. Woods, C. McHugh, C. Barry, S. O'Loughlin.

5. Direct immunofluorescence in lesional and uninvolved skin in fifty psoriasis patients.
   L. Barnes, S. O'Loughlin, R. Woods, J. Kirrane.

6. The incidence of psoriatic arthropathy in a psoriasis clinic - a clinical, radiologic and immunologic study of one hundred consecutive patients.

7. Lymphocyte subsets in twenty acne vulgaris patients, pre and post therapy - a correlation with clinical severity.
   S. O'Loughlin, R. Woods, C. Coyle, J. Kirrane.

8. Humoral immunity studies in twenty acne vulgaris patients, pre and post therapy.
   S. O'Loughlin, R. Woods, D. Merlehan, J. Kirrane.

9. B lymphocyte studies in forty five acne vulgaris patients - correlation with clinical severity.
   A. Byrne, S. O'Loughlin, R. Woods, J. Kirrane.

10. Rheumatoid factor determination by nephelometry.

11. Two hundred pruritus ani patients - a clinical and sigmoidoscopic study.
    S. O'Loughlin, A.B. Clery.


13. Cutaneous lobular neuromyxoma.
    S. O'Loughlin, P. Dervan, M. O'Hegerty.
   D. Whelan, B. Alton, R. Hone, P. Dervan, S. O'Loughlin.

15. Subacute annular lupus - a recently recognised common variant of SLE -
    a report of three cases.

16. Secondary lues with hepatic involvement.

17. Penicillamine - induced pemphigus foliaceus - a case report.

18. Acromegaly presenting as cutis verticis gyrata.


In Progress

1. Immunologic aspects of acne vulgaris, hidradenitis suppurativa, perioral
   dermatitis, rosacea.

2. Nucleosomal and ribosomal antibodies in connective tissue disorders.

3. Immunologic aspects of cutaneous vasculitis.

4. Immunologic aspects of dermatitis herpetiformis.

Out Patient Clinics

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Doctor</th>
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<tbody>
<tr>
<td>Monday</td>
<td>9:00 a.m. - 1:30 p.m.</td>
<td>(Dr. Barnes)</td>
</tr>
<tr>
<td>Tuesday</td>
<td>9:00 a.m. - 1:30 p.m.</td>
<td>(Dr. O'Loughlin)</td>
</tr>
<tr>
<td>Wednesday</td>
<td>9:00 a.m. - 1:30 p.m.</td>
<td>(Dr. Barnes)</td>
</tr>
<tr>
<td>Friday (Psoriasis Clinic)</td>
<td>9:00 a.m. - 10:30 a.m.</td>
<td>(Dr. O'Loughlin)</td>
</tr>
<tr>
<td>Friday</td>
<td>10:30 a.m. - 1:00 p.m.</td>
<td>(Dr. O'Loughlin)</td>
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</tbody>
</table>

Dermatopathology conference with Dr. P. Dervan 1:00 p.m. - 2:00 p.m. Mondays.
ENDOCRINE/DIABETIC DEPARTMENT

Staffing

CONSULTANT: Professor M.L Drury

NON-CONSULTANT
HOSPITAL DOCTORS: 1 Registrar
2 Senior House Officers
3 Interns

PARA-MEDICAL STAFF: 1 Chief Dietitian
2 Dietitians

NURSING STAFF: 2 Nurse Instructors
1 Ward Sister
3 Staff Nurses

SECRETARIAL: 2 Clerk Typists

DIABETIC DAY CENTRE: 1 Sister in Charge
2 Staff Nurses
1 Dietitian
1 Secretary
1 Chiropodist (1 session per week)

RESEARCH CENTRE: 1 Registrar
1 Sister
1 Staff Nurse
1 Social Worker
1 Biochemist

Report

The activity analysis for 1983 was:

Total in-patients 1,022 (494 Diabetics)
Out-Patient Attendances 7,415
Day Centre patient Attendances 7,382
Because of the change-over to U100 Insulin, the workload of the instruction nurses and the staff of the Day Centre was considerably increased. One thousand, two hundred and eighty nine patients were instructed between 1st March, 1983 and end of January, 1984.

The Diabetic Day Centre continues to provide for periodic re-education of diabetics in the understanding and treatment of their disease together with the treatment of mild hyperglycaemia, the fine adjustment of diabetic control, the dressing and care of skin lesions and the monitoring of dietary compliance. This service is available from 9.00 a.m. to 5.00 p.m. and is designed to provide easy access so as to ensure immediate treatment with resultant benefits to patient and reduction in admissions.

It is a pleasure to record the excellent team spirit shown by the resident medical staff, ward and unit nurses, dietitians and secretaries. It would not be possible to carry on without considerable dedication as the department is understaffed at all levels and the workload increases every year. Deficiencies are particularly harmful in the area of patient instruction. There is a great need for more dietitians and teaching nurses - improvement in patient education has considerable cost/benefit.

Research Activities

(Funded by Mater Hospital Diabetes Research Fund)

Human Insulin
Two studies have been in progress since 1981. One has been completed and published - 'Antibody responses following change-over to mixed species (Porcine/Bovine) insulin'. The second study compares a series of newly diagnosed cases treated with human insulin and matched group of patients treated with monocOMPONENT porcine insulin. Glycaemic control and immunogenicity are being studied.

Mortality in Diabetes
A detailed analysis of the relationship of the cause of death to diabetes and diabetic association disorders has been made in 651 deaths of patients registered at the clinic and dying within the ten year period January, 1973 to January, 1983 - the mortality will be related to that of Irish population as a whole.
Autonomic Neuropathy

A study on the prevalence of autonomic neuropathy in insulin dependent and non-insulin dependent diabetics, with diabetes of varying duration.

A comparison of pupillary and cardiovascular findings, examining correlation of methods of testing for automatic neuropathy, and associated risk factors for development of autonomic neuropathy.

Epidemiology

Detailed studies on epidemiology of insulin dependent and non-insulin dependent diabetes in Ireland, including factors relating to development of diabetes, natural history of diabetes and complications.

Visidex-Diabur Study

There are many products available for monitoring blood and urine glucose at home. The hospital tested all the products currently available on the Irish market against a laboratory reference method. This project has been completed and is currently being prepared for publication.

Conferences

Two day symposium on diabetes education, St. James’s Hospital, Dublin. Attended by all staff. March 1983.
Sponsored by Novo Laboratories Ltd.

Dr. R. Drury, Prof. M.I. Drury, Sr. D. Cregan, and Sr. P. Keenan.

Prof. M.I. Drury.

Dr. R. Drury.

Four day conference on diabetes, European Association for the Study of Diabetes. European meeting, Oslo, Norway. September, 1983.
Prof. M.I. Drury and Dr. R. Drury.

Prof. M.I. Drury.

Attended by Prof. M.I. Drury who was invited to give the inaugural address. Also attended by Sr. D. Cregan, Sr. P. Keenan, Sr. A. Quigley and Miss M.P. Beggan.
Lectures by Invitation


M.I. Drury

(a) Elected to Educational Committee of the European Association for Study of Diabetes.

(b) Appointed member of Advisory Editorial Board of the journal 'Diabetologia'. (Berlin).

Publications


4. Diabetic stiff hand syndrome.  

5. A review of ultrasound and isotope scanning in the pre-operative diagnosis of thyroid swellings.  
ABSTRACT  
Proceedings of meeting of Irish Endocrine Society, October, 1982.  

M.P. Beggan, M.I. Drury.  

7. Diabetes Mellitus - Diagnosis and classification.  


9. Antibody responses following change-over to mixed species (porcine/bovine) insulin.  

10. A controlled study of prolonged treatment with semi-synthetic human insulin.  

In Press

1. Developing a diabetic education programme: Uses of assessment procedure (Chapter).  
Editor, Dr. Aran Baksi, Isle of Wight.

2. Diabetic education: A physician's view ; who, what, where, when and how.  
M.I. Drury.  
Diabetic Medicine, Scotland.

Clinical and Experimental Obstetrics and Gynaecology, Italy.

M.I. Drury, J. Stronge.  
Irish Journal Medical Science.

5. Diabetes in pregnancy - chapter.  
M.I. Drury.  
Atlas of Diabetes - Editor, Professor M. Besser, London.
Out Patient Clinics

Monday  9.00 a.m.
Wednesday  9.00 a.m.

Day Centre:

Monday through Friday  8.30 a.m. - 5.00 p.m.
By Appointment.
ENDOCRINE/METABOLIC UNIT

Staffing

CONSULTANT:  Professor D. Powell

NON-CONSULTANT
HOSPITAL DOCTORS:
1 Registrar (shared)
1 Senior House Officer
1 Intern (shared)

LABORATORY STAFF:
1 Principal Biochemist
1 Senior Biochemist (Fertility Work)
1 Senior Technician
1 Basic Grade Biochemist
1 Basic Grade Technician
1 Laboratory Aide
2 Secretaries (one shared with Gynaecology / Fertility Service)

NURSING STAFF:
1 Staff Nurse (shared with Gynaecology for fertility work)

RESEARCH STAFF:
1 Senior Research Associate (Dr. P. Skrabanek)
1 Doctoral Research Fellow

Scope of Service

(a) Clinical Service
A comprehensive service in general clinical endocrinology- There is a special clinical research interest in reproductive endocrinology and infertility, calcium disorders and renal stones, gut hormones, and pituitary problems. The unit has published many original papers on all these topics.

(b) Laboratory Service:
A comprehensive range of endocrine analyses is provided by the Mater Misericordiae Hospital to other north city hospitals, to several south city hospitals, and for...
certain specialised tests a service is provided for hospitals elsewhere in the country, including Sligo, Castlebar, Galway, Limerick, and Waterford.

Total Tests: 27,577

(c) Out Patient Clinics:
Tuesday 2.00 p.m. - 5.00 p.m. (General Endocrine)

Lectures

1. Substance P and other neurotransmitters.
D. Powell.
Annual General Meeting of the Faculty of Anaesthetists. Dublin. May, 15th 1983.

2. Calcium metabolism.
D. Powell.
Intensive Postgraduate Course in Medicine, University College, Dublin. 4th March, 1983.

A. Balfe, P. Skrabanek, D. Powell.

P. Skrabanek.
Royal Academy of Medicine, Section of Biological Sciences. Belfast. June 23rd 1983.

5. Short stature: 120 patients.
M. Byrne, P. Skrabanek, D. Powell.
Irish Endocrine Society, Belfast.

6. Cortical and trabecular bone mineral quantitation.
D. O'Keeffe, D.J. Dowsett, D. Powell, J.T. Ennis.
Imaging meeting, Faculty of Radiologists, Dublin. February 19th 1983.

D. O'Keeffe.

8. Images of bone.
D. O'Keeffe.

D. Powell.
Mater Misericordiae Hospital Study Conference. December, 10th 1983.
10. Plasma prolactin concentrations following epileptic and hysterical seizures.  
Epilepsy Meeting, Heeze, The Netherlands.

11. Non-routine tests: RIA quality control seminar - Association of Clinical  
Biochemists in Ireland (Republic of Ireland Region).  
O. Lanigan.  
Dublin. April 28th, 1983.

12. Aspects of laboratory management - Priorities change.  
O. Lanigan.  
Association of Clinical Biochemists in Ireland/Association of Clinical  

13. A saga of PTH assays.  
O. Lanigan.  
Annual conference of the Association of Clinical Biochemists in Ireland.  
November, 12th 1983.

D. Cannon, P. Duignan, K. Halton.  
Association of Clinical Biochemists in Ireland/Association of Clinical  

Publications

BOOKS

P. Skrabanek, D. Powell.  

2. Substance P - Dublin 1983.  
P. Skrabanek, D. Powell.  

Articles and Abstracts

1. Heterogeneous molecular forms of circulating substance P.  
A. Balfe, P. Skrabanek, D. Powell.  
Irish Journal of Medical Science 152, Supplement 1, 12-13, 1983

2. Heterogeneous molecular forms of circulating substance P. In: Substance P -  
Dublin, 1983.  
A. Balfe, P. Skrabanek, D. Powell.  

3. Sex chromosome anomalies at an endocrine clinic.  
F. O’Connell, P. Skrabanek, D. Powell.  

4. Substance P in obstetrics and gynaecology.  
P. Skrabanek, D. Powell.  

P. Skrabanek.  
6. Gluten in schizophrenia. Editorial.
P. Skrabanek.

P. Skrabanek.
Lancet i, 1198, 1983.

P. Skrabanek.

9. How to read Japanese medical journals.
P. Skrabanek.

10. Notes towards the history of anorexia nervosa.
P. Skrabanek.

11. The hypodipsia-hypematraemia syndrome presenting with obesity.
D. Powell, M. Codd, P. Skrabanek, E. Tempany.
Irish Journal of Medical Science 152, 357-359, 1983.

12. The measurement of substance P in human aqueous.
F. O'Donohoe, P. Eustace, A. Balfe, P. Skrabanek.
Irish Journal of Medical Science 152, 293, 1983.

D. O'Keeffe, D. Dowsett, D. Powell, J.T. Ennis.

14. Thin bones (Osteoporosis) and hormones.
D. Powell, D. O'Keeffe.

15. The Radiological Investigation of Osteopenia.
C. Collum, D. O'Keeffe, D.J. Dowsett, J.T. Ennis.
Irish Journal of Medical Science, 152; 30-33, 1983.

16. Plasma prolactin concentrations following epileptic and pseudoseizures.

17. A radioimmunoassay for anti-sperm antibodies using 1 labelled Protein A.

XI World Congress on Fertility and Sterility. Dublin, June 26th 1983.
E.N.T. DEPARTMENT

Staffing

CONSULTANTS:  
Dr. D. Kennedy  
Mr. W. Grant

NON-CONSULTANT  
HOSPITAL DOCTORS:  
1 Registrar

Scope of Service

All types of E.N.T. disorders are assessed and treated. There are five operating sessions weekly. The full range of surgical procedures in the field are available. The Department has a long established link with St. Mary's School for the Deaf to which it refers for assessment, children with difficult hearing problems.

Special Interests

Surgical treatment of deafness from:-  
(a) Chronic suppuration in the middle ear cleft.  
(b) Otosclerosis.

Lectures

A course of lectures was given for students studying for the Diploma for Teachers of the Deaf.

A post-graduate registrar training scheme is in operation under the guidance of a committee on which there are representatives from the Royal College of Surgeons and the Department of Health. The Mater Misericordiae Hospital's E.N.T. department is part of the rotation scheme and lectures are given frequently by the staff.

Undergraduates of University College Dublin are given lectures and classes twice a week during Hilary Term.

Out Patient Clinics:

Monday  9.30 a.m. - 1.30 p.m.  
       2.00 p.m. - 4.00 p.m.  
Wednesday  9.00 a.m. - 12.00 noon  
Friday  9.30 a.m. - 1.30 p.m.
GASTROENTEROLOGY DEPARTMENT

Staffing

CONSULTANTS:  
Dr. B.G. Alton  
Dr. J. Lennon  
Dr. J. Crowe

NON-CONSULTANT HOSPITAL DOCTORS:  
1 Registrar  
1 Senior House Officer  
2 Interns  
2 Research Fellows  
1 Endoscopy Assistant

Scope of Service

There are twenty-six in-patient beds in the unit shared equally among the three consultants. These beds are used for gastroenterology, hepatology and general medicine, including emergency casualty admissions. Because of the increasing pressure on in-patient beds, most of the unit’s work is carried out on an outpatient basis in three out-patient clinics per week. One thousand, seven hundred and forty-eight new gastrointestinal and general medical patients have been seen at these clinics in 1983. The liver out-patient clinic, which was established in 1982 and staffed jointly by Dr. J. Crowe and Dr. H. Barniville, has developed very successfully. It is the only specifically designated clinic of its type in the country.

Forty papillotomies with non surgical gallstone removal were carried out. In addition the new technique of non surgical placement of drains in patients with malignant obstruction of bile duct was introduced this year.

The annual Mater Misericordiae Hospital Endoscopy Course continues to be very successful and for the participants provided a week’s intensive training in all forms of endoscopy. A very successful Colonoscopy Course was also held with the participation of Dr. Waye, from New York.

The research activity in the unit continues to grow with the help of two research fellows funded independently by the unit. The research project involving the diagnosis of reflux oesophagitis and documentation of it pathophysiology is progressing satisfactorily and has involved the correlation of more sophisticated
endoscopic diagnosis with histology improved oesophageal motility, oesophageal scinti-scanning and improved methods of biopsy instrumentation having been developed. The research programme into the physiology of nitrogen metabolism and the associated immunological disturbance in patients with protein calorie malnutrition and inflammatory bowel disease is well advanced, and has been published in part. Nine clinical drug trials were either completed or ongoing in the unit during the year.

Out Patient Clinics

Dr. Alton/Dr. Crowe Tuesday 9.00 a.m.
Dr. Alton/Dr. Lennon Thursday 9.00 a.m.

ACTIVITY ANALYSIS

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<tr>
<td>Gastroscopes</td>
<td>1,217</td>
<td>1,618</td>
<td>1,800</td>
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<td>Colonoscopy (total)</td>
<td>119</td>
<td>234</td>
<td>236</td>
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<td>Other Colonoscopies</td>
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<td>14</td>
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<td>E.R.C.P.</td>
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<td>Papillotomy</td>
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<td>26</td>
<td>37</td>
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<td>Sigmoidoscopy</td>
<td>393</td>
<td>1,228</td>
<td>685</td>
<td>709</td>
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<td>Other Procedures</td>
<td>271</td>
<td>359</td>
<td>316</td>
<td>418</td>
<td>597</td>
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<td>2,091</td>
<td>3,587</td>
<td>3,207</td>
<td>3,889</td>
<td>4,321</td>
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</table>
GENERAL MEDICAL UNIT
(with interest in Liver Disease)

Staffing

CONSULTANT: Dr. H.T. Barnville

NON-CONSULTANT
1 Registrar

HOSPITAL DOCTORS:
1 Senior House Officer
2 Interns

ASSOCIATED MEDICAL STAFF: Dr. J. Crowe

Scope of Service
The unit offers in-patient and out-patient investigation and treatment of general medical disease with a special interest in liver disease.

Special Interest
Liver disease

Research
Acquired immune deficiency syndromes.

Dates of Conference/Meetings
Gastroenterology Radiology Conference every Friday at 8.30 a.m.
Medical Conference every Thursday at 8.30 a.m.

Papers
Acquired immuno deficiency syndrome with kaposi’s sarcoma in Ireland.

Out Patient Clinics
Friday 9.30 a.m. - 12.30 p.m.
Monday 2.30 p.m. - 4.00 p.m.
(Staffed jointly with Dr. J. Crowe)
GERIATRIC MEDICINE DEPARTMENT

Staffing

CONSULTANT: Dr. J. Noel, Dr. J. Lavan.

NON-CONSULTANT
HOSPITAL STAFF 1 Intern (shared with Orthopaedic Department)

Scope of Service

To provide a consultative service (2 notional sessions) for the management of specific medical and allied problems related to the older patient, as part of an overall Dublin north city and county geriatric service.
Consultations: 211
Transfers: 48

Lectures

Three per year to undergraduate students.
Twenty-four per year to undergraduate student nurses.
One lecture to non-consultant hospital doctors: "The Management of Confusional States".

Committees

Actively involved in sub-committees of the Health Board concerning the development of services for the elderly.
GYNAECOLOGY DEPARTMENT

Staffing

CONSULTANT: Dr. J.G. Gallagher
Prof. E. de Valera
Dr. B.M. Coughlan

NON-CONSULTANT HOSPITAL DOCTORS: 1 Registrar
1 Intern

ASSOCIATED MEDICAL STAFF: Dr. D. Powell
Mr. J. Smith

Scope of Service

Routine gynaecological services.
Fertility-endocrinology.
Family planning (natural method).
Cytology and colposcopy.
Urodynamics.
Gynaecological oncology.

Special Equipment and Techniques

Laparoscopy and hysterosalpingography for investigation of infertility and menstrual disorders.
Cervical colposcopy for assessment of patients with abnormal cytology.
Urodynamics for assessment of urinary incontinence.
Laser surgery.

Special Interests

Gynaecological endocrinology and infertility.
Family planning (natural method).
Techniques for vaginal hysterectomy.
Surgery of genital cancer.
Gynaecological urology.
Pelvic pain.

Urodynamic equipment is now available for the objective assessment of patients with lower urinary tract problems. CO₂ laser is now in use for the treatment of pre-invasive cervical disease and other surface lesions of the lower genital tract.

Micro-surgery for tubal re-construction is being developed.

**Fertility/Infertility Clinic**

The fertility/infertility clinic which was instituted in 1979, is now firmly established. The clinic which is held between 2.00 p.m. and 5.00 p.m. on Wednesdays deals primarily with infertile couples. Couples seeking instruction in the natural methods of family planning are seen between 6.00 p.m. and 9.00 p.m. The clinics are jointly staffed by Dr. D. Powell, Consultant Endocrinologist, and the consultant staff of the gynaecological unit.

There are a comprehensive range of facilities available for the investigation and treatment of couples with infertility, with particular emphasis on endocrine aspects. Both male and female partners are encouraged to attend. Staff attached to the clinic have recently developed a new and highly sensitive radio immuno-assay for the detection of sperm antibodies. For couples referred for instruction in natural family planning methods the clinic offers the added facilities for taking of vaginal swabs, cervical smears and where necessary blood samples for hormone assays, which may be of particular value in the peri-menopausal women. All couples using the method are assessed and revised over a period of one year.

In the current year micro methods for tubal surgery using the CO₂ laser will be introduced. A full time research assistant was engaged to develop further investigations into sperm antibodies and related problems in infertility.

**Research Activities**

Role of systemic and local immunoglobulins in sperm antibody activity.
Value of hysterosalpingography in the investigation of infertility.
Evaluation of current approaches in the department to the treatment of genital cancer.
Genital infection and infertility.
Immunological mechanisms and premature ovarian failure.
Lecture


Publications

1. "A Radio-Immuno Assay for anti-sperm anti-bodies, using 125. labelled Protein A".  

2. "Causes and management of infertility in 508 Irish couples".  
   D. Powell, J. Garvey, D. MacDonald, M. Turner, D. Meagher, B.M. Coughlan,  
   E. de Valera, P.M. McBride.  

Out Patient Clinics

<table>
<thead>
<tr>
<th>General Gynaecology</th>
<th>Monday</th>
<th>Tuesday</th>
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<tr>
<td>E. de Valera</td>
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<td>9.30 a.m. - 12.30 p.m.</td>
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<tr>
<td>B.M. Coughlan</td>
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<td>2.00 p.m. - 5.00 p.m.</td>
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<tr>
<td>J.G. Gallagher</td>
<td></td>
<td>9.00 a.m. - 11.00 a.m</td>
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<th>Fertility Endocrine</th>
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<tbody>
<tr>
<td>E. de Valera</td>
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<tr>
<td>B.M. Coughlan</td>
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<td>D. Powell</td>
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<tr>
<th>Family Planning</th>
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<tbody>
<tr>
<td>B.M. Coughlan</td>
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<tr>
<td>P.A. McBride</td>
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INFECTION CONTROL COMMITTEE

Members

Dr. R. Hone (Chairman) Sr. M.J. Berchmans
Dr. J. Donohoe Miss N. O'Callaghan
Mr. J. Duignan Sr. M. Gerard
Mr. S. Heffernan Sr. Leonard
Dr. J. Kirrane Miss M. Teahan
Dr. B. Lalor Mrs. I. Walsh
Dr. D. Moriarty Miss R. Ruddy (Infection Control Sister)
Mr. G. MacGabhann

Meetings are held on alternate months. Post-operative infection reports are prepared and presented by the infection control sister and any other matters related to prevention of hospital infection are discussed. Recommendations are communicated to the Hospital Executive Council and the Executive Committee of the Medical Council. The following hospital policies have been initiated and prepared by the Committee:-

(a) Guidelines on the use of antibiotics.
(b) The use of disinfectants in wards and departments.
(c) Catheter care policy.
(d) The care of the intravenous infusion line.
(e) The care of the Hickman Catheter.
(f) Guidelines on the precautions to be taken with patients infected with the following:-
   1. Tuberculosis.
   2. Viral hepatitis.
   3. Enteric pathogens.
   4. Varicella zoster.
   5. Multiple resistant staphylococcus aureus.

Conferences/Meetings/Lectures

An orientation course on aseptic invasive procedures is organised each July for the non-consultant medical staff. Post-operative infection records are presented and discussed at surgical conferences held each six months.

Hospital Sepsis Update 1983.

This conference on recent developments in hospital infections took place in the Mater Misericordiae Hospital in October. It was attended by over two hundred members of the medical, nursing and paramedical professions from all over Ireland.
Publications/Communications

1. The role of the Infection Control Nurse.
   R. Ruddy.
   The World of Irish Nursing 12, 9-10, 1983.

2. Decontamination of heat sensitive equipment.
   R. Ruddy.
   Hospital Sepsis Update. Infection Control Nurses Association Conference,
   Mater Misericordiae Hospital, 14th October, 1983.

3. The emergence of methicillin resistant/gentamicin resistant staphylococcus
   aureus in a surgical unit.
   R. Hone.
MEDICAL SOCIAL SERVICES DEPARTMENT

Staffing

Head Medical Social Worker - Miss E. O'Leary
1 Senior Medical Social Worker
3 Medical Social Workers
1 Basic Grade Social Worker
1 Clerk Typist

Scope of Service/Special Interests

With the same staff complement as last year, the department was not in a position to extend the coverage to different areas of the hospital even though the need to do so in some areas was very obvious. This was particularly so in the case of the elderly who should have top priority because of their general vulnerability within society. The need for a Geriatric Unit within the hospital complex becomes more apparent every year. If relatives of the elderly are interviewed by a social worker at the point of admission and their after-care planned for, there and then, the number of "placement problems" would decrease dramatically. This would of course relieve the bed demand in addition to the elderly being offered the best possible care, as already approximately 37% of referrals to the department are of this age group posing a variety of medical and social problems. However, this is not possible at present due to staffing levels.

Another area of great demand on the hospital's resources is the adult psychiatric unit - 21% of referrals, particularly with multi-problem families, increase year by year. Work with this group of patients and their families is very time consuming but rewarding, since many community resources can be tapped to their advantage.

Cancer patients and those terminally ill (10% of referrals) are also high on the priority list and the supportive help received from the Pastoral Care Department is particularly welcome. The Marie Curie Memorial Foundation of Ireland have been exceptionally generous with financial help, and the department would like to record its appreciation, on behalf of such patients.
Conferences Attended
Rehabilitation after myocardial infarction and coronary surgery.
P. Rooney.
Royal College of Surgeons.

Marital interaction - workshop.
M. McInerney, S. Sheridan.
Trinity College, Dublin.

Management course.
E. O’Leary.
Institute of Public Administration, Dublin.

Stroke groups - Seminar.
M.T. Fitzgerald.
National Social Services Board, Dublin.
(Member of the Steering Committee involved in setting up such groups around the country).

Education/Lectures
Lectures on the role of the social worker in medical and psychiatric settings were delivered to medical and physiotherapy students during the year.

Case conferences and ward meetings now covering eight firms and wards, continue to help all staff plan for patients, with time and detail.

Activity Analysis

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</tr>
</thead>
<tbody>
<tr>
<td>Interviews</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Patients</td>
<td>1,173</td>
<td>1,163</td>
<td>1,621</td>
<td>1,763</td>
<td>1,753</td>
</tr>
<tr>
<td>Others</td>
<td>2,410</td>
<td>2,206</td>
<td>3,419</td>
<td>3,440</td>
<td>3,468</td>
</tr>
<tr>
<td>Total</td>
<td>3,583</td>
<td>3,369</td>
<td>5,040</td>
<td>5,203</td>
<td>5,221</td>
</tr>
</tbody>
</table>

| New Patients    |       |       |       |       |       |
| In Patients     | 891   | 761   | 1,091 | 1,264 | 1,244 |
| Out Patients    | 363   | 432   | 533   | 498   | 503   |
| Private Hospital| 16    | 8     | 9     | 12    | 7     |
| Home Visits     | 3     | 38    | 109   | 52    | 35    |
| Total           | 1,273 | 1,239 | 1,742 | 1,826 | 1,789 |
| Return Patients | 817   | 914   | 1,509 | 1,848 | 1,564 |
| Total Patients  | 2,090 | 2,153 | 3,251 | 3,674 | 3,318 |
NEPHROLOGY DEPARTMENT

Staffing

CONSULTANT: Dr. J. Donohoe

NON-CONSULTANT HOSPITAL DOCTORS:

1 Special Lecturer in Medicine
Dr. P. Garrett (shared)

1 Senior House Officer (shared)
1 Intern (shared)

Scope of Service

The department fulfills an intensively consultative role, together with a full scope of elective nephrologic evaluation. This includes care for patients with acute renal problems, in particular for cases with acute renal failure. In this latter regard, there is an instant availability of on-site acute haemodialysis or peritoneal dialysis when indicated. A single cubicle in intensive care unit (no. 2) has been specifically designed for the accommodation of a dialysis machine (haemodialysis • or peritoneal). This cubicle is fully equipped and includes an electronic bed scale for precise monitoring of fluid balance status in critically ill patients.

Elective nephrology has seen the evolvement of a busy renal biopsy service, which procedure is now routinely performed under real-time or static ultrasound imaging. It has been convenient to structure a Wednesday afternoon 'list' for these biopsies which facilitates the department of radiology and allows smoother handling of the workload. This significant development is consonant with the international experience that ultrasound imaging is the method of choice for percutaneous renal biopsy. Emergency renal biopsies are performed when necessary.

Through his association with Jervis Street Hospital, the nephrologist can arrange full and immediate access for Mater Misericordiae Hospital patients with chronic renal failure to this major chronic dialysis and renal transplant facility, where patients continue their treatment under his direct care.
Activity Analysis

Procedures Performed:-

<table>
<thead>
<tr>
<th>Procedure</th>
<th>1982</th>
<th>1983</th>
</tr>
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<tbody>
<tr>
<td>Percutaneous renal biopsy</td>
<td>67 patients</td>
<td>61 patients</td>
</tr>
<tr>
<td>Peritoneal Dialysis</td>
<td>50 treatments</td>
<td>45 treatments</td>
</tr>
<tr>
<td>On-site haemodialysis</td>
<td>24 treatments</td>
<td>20 treatments</td>
</tr>
<tr>
<td>Transferred to Jervis Street Hospital for chronic dialysis/ transplant programme</td>
<td>patients</td>
<td>9 patients</td>
</tr>
</tbody>
</table>

Special Interests

Acid-base and electrolyte problems.
Proteinuria.
Metabolic renal stone disease.
Renal hypertension.
Diet and kidney function.

Research Activities in Progress

1. The haemodynamic and renal functional response to captopril in patients with renovascular hypertension.
   P. Garrett, T.B. Counihan, J. Donohoe.
2. Thyroid function in renal disease.
   M.I. Drury, F. Ryan (Jervis Street Hospital), J. Donohoe.
   G. Dowsett, J. Donohoe.
4. Early onset of uraemia in diabetic nephropathy.
   M.I. Drury, G. Coughlan, J. Donohoe.
6. "Overload" glomerulonephritis.
   J. Donohoe, G.D. Doyle (Jervis Street Hospital).
7. Unusual tumour related glomerulopathies.
   J. Hollingsworth, J. Donohoe.
   C. Fitzpatrick, J. Murphy, J. Donohoe.

Conferences

1. Nephro-Urological conference. Mondays, radiology conference room. 1.00 p.m. - 2.00 p.m.
   Research review session. Wednesdays, 1.00 p.m. - 2.00 p.m.
3. Renal biopsy review conference (in association with Jervis Street Hospital). Thursdays, 10.00 a.m. - 11.00 a.m.

4. Dublin inter-hospital nephrology forum (Convenor: J. Donohoe). Meetings twice per term in rotation with the Mater Misericordiae Hospital, Meath Hospital, Jervis Street Hospital, St. Vincent's Hospital, Elm Park, Our Lady's Hospital for Sick Children, Crumlin and Temple Street Hospital.


Communications

Dr. J. Donohoe

1. Mater Misericordiae Hospital Nurses’ Graduation Address, Freeman Auditorium, Mater Misericordiae Hospital - January, 1983.


8. Intravenous fluid therapy. Moving Points in Medicine, Royal College of Physicians Ireland, October 1983.


Recent Publications

1. Septicaemia in renal unit.
   C. Cronin, J. Walker, J. Donohoe et al.

2. Lupus Band Test - Positive correlation with severity of renal disease.

3. Piperacillin sodium for treatment of serious infection in renal patients.

   J. Hollingsworth, R. Hone, J. Donohoe.

5. Use of osmotic agents for rapid correction of hyponatraemia in the syndrome of inappropriate antidiuretic hormone.
   S. Weinberg, J. Donohoe.
   Southern Medical Journal (Nashville), December 1983. (in press)

Out Patient Clinic

Monday 2.00 p.m. - 5.00 p.m.
NEUROLOGY DEPARTMENT

Staffing

CONSULTANTS:  
Dr. S. Murphy  
Dr. B. O’Moore  
Dr. H. Staunton

NON-CONSULTANT  
HOSPITAL DOCTORS:  
1 Senior House Officer  
1 Intern

PARA-MEDICAL STAFF:  
2 E.E.G. Technicians

SECRETARIAL STAFF:  
1 Part-time Secretary

Scope of Service

Two out patient sessions weekly.  
Admission and treatment of in-patients and in-patient consultations.  
Clinical neurophysiological service, including electroencephalography, electromyography, evoked potentials including somato-sensory, visual and auditory evoked potentials.

Special Equipment

Full range of clinical neurophysiological equipment, including 21 channel E.E.G. machine, E.M.G. and nerve conduction equipment, and equipment related to evoked responses including pattern and flash stimulators and auditory click stimulator.

Special Interests

Visual conduction in the dying brain (Drs. O'Moore and Staunton).  
Immune responsiveness in multiple sclerosis (Dr. Staunton).

Research Activities

Epilepsy in Pregnancy.  
Dr. S. Murphy in collaboration with D. MacDonald (National Maternity Hospital), N. Duignan (Coombe Lying-in Hospital) and K. O’Malley (Royal College of Surgeons in Ireland).
Communications

Malignant neuroleptic syndrome.
P. Finucane and S.F. Murphy.

Publications

1. That routine lumbar puncture.
   S.F. Murphy.

2. Lumbosacral neuropathy and venous thrombosis complicating sacroiliitis.
   O. Fitzgerald and S.F. Murphy.

Book Review - Dr. S. Murphy.

ABC of Brainstem Death by C. Pallas.

Out Patient Clinics

Dr. S. Murphy - Friday 9.00 a.m.
Dr. H. Staunton - Friday 2.00 p.m.

Tests:- Dr. B. O’Moore

E.M.G. Tests Monday 2.00 p.m.
   Tuesday
   Friday

Evoked Responses Wednesday 2.00 p.m.

Activity Analysis — E.E.G. Unit

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>E.E.G.S</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>In Patient</td>
<td>569</td>
<td>621</td>
<td>577</td>
<td>505</td>
<td>719</td>
</tr>
<tr>
<td>Out Patient</td>
<td>666</td>
<td>648</td>
<td>701</td>
<td>732</td>
<td>469</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,235</td>
<td>1,269</td>
<td>1,278</td>
<td>1,237</td>
<td>1,188</td>
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<tr>
<td>Department</td>
<td>1,138</td>
<td>1,172</td>
<td>1,227</td>
<td>1,189</td>
<td>1,154</td>
</tr>
<tr>
<td>Portable</td>
<td>97</td>
<td>97</td>
<td>51</td>
<td>38</td>
<td>34</td>
</tr>
<tr>
<td>V.E.R.s</td>
<td></td>
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<tr>
<td></td>
<td>60</td>
<td>106</td>
<td>106</td>
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</tr>
</tbody>
</table>
Applications for General Nurse Training

The number of applications processed for general nurse training for year ending 31st December, 1983 has exceeded five thousand. The recommendation from the working party on general nursing regarding the setting up of a central applications bureau is presently under review by the Department of Health. If this were implemented on a national basis, it would eliminate duplication of applications to schools of nursing.

Post-Registration Courses

Fifty five staff nurses availed of the four post-registration courses during 1983. A high percentage of these nurses applied for posts in operating theatres, accident / emergency department, coronary care unit and intensive therapy complex, following completion of courses. Courses commence mid-January and mid-July each year.

Scope of Service

Application made to Department of Health for extra nursing personnel for wards and departments of this hospital were not approved, due to financial restraints. In spite of this, the clinical nursing throughput for year ending 31st December, 1983 was greatly increased in all wards/departments. Extra beds had to be placed in all the wards, in order to cater for patients from accident/emergency department and for routine admissions. This practice is not favoured by nursing personnel, as it is not conducive to the control of infection. The isolation facilities available are not as the nursing personnel in this hospital would wish them to be, but control of infection is catered for in the Mater Misericordiae Hospital development where provision is made for modern isolation facilities.
St. Mary's Hospital, Cappagh

Nine staff nurses undertaking orthopaedic post-basic statutory nursing course in St. Mary's Orthopaedic Hospital, Cappagh, were seconded on a continuous basis for a period of four weeks each to this hospital during the year under review, in order to gain experience in orthopaedic trauma. These staff nurses were rostered for day duty in orthopaedic wards, orthopaedic clinics, orthopaedic operating theatre and accident/emergency department, in order to gain clinical experience in this speciality. Following experience at this hospital, the staff nurses were seconded to Temple Street Hospital and the National Rehabilitation Centre, Dun Laoghaire.

Irish Hospitals' Sweepstakes Draw

Nurses from the Hospital participated in all draws held by the Irish Hospitals' Sweepstakes Trust (including the Shamrock Sweeps) during the year under review - 1983.

Annual Re-Union

The annual re-union of the past Mater Misericordiae Hospital nurses was held on the third Saturday of June, 1983. The attendance was higher than usual, and all past Mater Misericordiae Hospital nurses enjoyed the day very much. Catering for the occasion was excellent, as usual.

"Nurse of the Year Scholarship Award 1983"

Sister Roma Ruddy, Infection Control Sister, was awarded the Lucozade "Nurse of the Year Scholarship Award 1983" by the Minister for Health, Mr. Barry Desmond T.D. The prize money and plaque will be presented by the Minister at a later date.
In-Service Training Programmes

Requests from health boards, hospitals, and other health service agencies for in-service training of personnel were met during the year under review:

Eastern Health Board
Ambulance personnel attended at the accident/emergency department from 17th January - 21st January, inclusive, and also from 25th April - 29th April, 1983 inclusive, in order to gain experience in the accident/emergency department.

Irish Heart Foundation
Staff nurses taking course conducted by the Irish Heart Foundation spent three weeks during each course (spring and autumn) in the coronary care unit, gaining experience in theory and practice of coronary heart disease.

Council of Europe
Mr. Christos Pantjaris (Cyprus) attended the anaesthetic department from 1st April, 1983 to 30th April, 1983, inclusive, in order to carry out a study of anaesthetic techniques - same was sanctioned by the Department of Health.

Missionary Sister of the Holy Rosary
Sister Aine Garvey attended the hospital in order to undertake pastoral care work for two hours daily from June - August, 1983.

St. Vincent's Hospital, Elm Park, Dublin 4
Staff nurse Marie Dolan attended the endocrine department in order to gain experience in diabetes - 1st June - 31st July, 1983. Also, assistant diabetic nurse, Hilda Clarke, attended the endocrine department in order to gain experience in diabetes - 14th November - 28th November, 1983, inclusive.

Royal Victoria Hospital, Belfast
Miss T.D. Wright Principal Nursing Officer, attended the diabetic day centre on Thursday, 7th July, 1983, as an observer.

Mid-Western Health Board
Staff nurse, Sr. Trinitas, and public health nurse, Marian Carew, attended a short refresher course in diabetes from 14th - 18th November, 1983 inclusive.

South-Eastern Health Board
Ward sister, Iris M. Checkett, attended a short refresher course in diabetes from 14th - 18th November, 1983 inclusive.

Southern Health Board
Senior public health nurse, Noreen O'Keeffe, attended a short refresher course in diabetes from 14th - 18th November, 1983 inclusive.
Western Health Board
- Staff Nurse, Mary J. Maughan, attended a short refresher course in Diabetes from 14th - 18th November, 1983 inclusive.

Midland Health Board
- Ward sister, Una Whelan, and staff nurse, Margaret McEvoy, attended a short refresher course in diabetes from 14th - 18th November, 1983 inclusive.

Royal City of Dublin Hospital
- Miss P. Taaffe, Matron, attended the hospital's operating theatre on Thursday, 17th November, 1983, in order to observe a coronary artery bypass grafts operation being performed.

Health Board Hospitals
- Public health nurses/ward sisters/staff nurses attended a refresher course in diabetes from 14th - 18th October, 1983 inclusive.

Institute of Public Administration
- Mr. Chrisostom Baitu (Tanzania) attended the school of nursing / nursing administration services on 21st November, 1983, in order to gain experience in nursing administration / school of nursing administration.

St. Vincent's Nursing Home, Elm Park, Dublin 4.
- Eight staff nurses from St. Vincent's Nursing Home, Elm Park, attended the hospital's intensive therapy complex in order to gain experience, from 21st November, 1983 to 19th December, 1983.

Study Days
Six study days were organised for ward/departmental sisters/staff nurses during the year under review.
Two were held in February, two in March, and two in November, 1983.
They were well attended by nursing personnel.

The Irish Accident and Emergency Nurses' Association held a study day on 20th September, 1983 in the Freeman Auditorium. This was well attended by medical and nursing personnel from accident/emergency departments throughout the country, forty five American accident and emergency nurses, as well as staff from accident/emergency department, Mater Misericordiae Hospital.

Sister Roma Ruddy, infection control sister, presented a paper on "The Role of the Clinical Nurse Specialist in rapidly changing Health Care Systems" at the post graduate symposium held on 6th May, 1983, in the Mater Misericordiae Hospital.

Sister Roma Ruddy, infection control sister, presented a paper on "The Decontamination of Heat Sensitive Equipment" at the Infection Control Nurses' Association Symposium, "Hospital Sepsis Update", held in the Mater Misericordiae Hospital, on 14th October, 1983.
Conferences/Seminars/Courses Attended

The financial allocation for attendance at conferences/seminars/courses was greatly reduced, due to the financial constraints within the hospital.

<table>
<thead>
<tr>
<th>GRADE</th>
<th>CONFERENCE/SEMINAR/ COURSE ATTENDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff Nurse (orthopaedic out-patients' department)</td>
<td>International Plaster Demonstration in Germany - 17th to 20th January, 1983. Sponsored by Nimex Trading Co. Ltd., Dublin</td>
</tr>
<tr>
<td>Sister and Staff Nurses (Diabetic Day Centre)</td>
<td>Conference on &quot;Diabetic Education&quot;, St. James's Hospital - 18th and 19th March, 1983. Fees provided by Prof. M.L Drury.</td>
</tr>
<tr>
<td>Two Staff Nurses (orthopaedic out-patients' department)</td>
<td>Conference on Arthroscopy, St. Mary's Orthopaedic Hospital - 25th February, 1983. No fee required.</td>
</tr>
<tr>
<td>Two Nursing Personnel (Sr. J. Geraghty, operating theatre sister and Staff Nurse, R. Murnane, St. Agatha's Ward)</td>
<td>Appreciation Course in Research Methods, College of Commerce, Rathmines, Dublin - 12th April - 14th June, 1983 (each Tuesday evening 7.00p.m. to 9.00p.m.)</td>
</tr>
<tr>
<td>Operating Theatre Superintendent</td>
<td>Visit theatres in newly developed hospital in United Kingdom - One week, May, 1983.</td>
</tr>
<tr>
<td>Six Nursing Personnel Sisters and one Unit Nursing Officer)</td>
<td>Seminar on Ethical Issues in Nursing (Five Research - 14th May, 1983.</td>
</tr>
<tr>
<td>Sister (Gastroenterology Unit)</td>
<td>Conference on Gastroenterology, Regional Hospital, Galway - 6th and 7th May, 1983. Fee provided by Department.</td>
</tr>
<tr>
<td>Sister Day Centre)</td>
<td>Irish Diabetic Association Meeting, (Diabetic Letterkenny - 20th May, 1983. Fee provided by Research Funds.</td>
</tr>
<tr>
<td>Assistant Matron, One Unit Nursing Officer, and One Ward Sister</td>
<td>Annual General Meeting of the Catholic Nurses' Guild, Newcastle, Co Down - 20th June, 1983.</td>
</tr>
<tr>
<td>Staff Nurse (Gastroenterology Unit)</td>
<td>Travenol Teaching Course on the Plasmapheresis Machine, London - 4th July - 8th July, 1983. Sponsored by Travenol Laboratories, Tallaght, Co. Dublin.</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Two Staff Nurses (Accident/Emergency Department)</td>
<td>Irish/American Accident/Emergency Care Conference, Cork Regional Hospital - 16th and 17th September, 1983.</td>
</tr>
<tr>
<td>One Sister (Ophthalmic Operating Theatre)</td>
<td>Seminar on &quot;The Hospital Sepsis Update 1983&quot;, Mater Misericordiae Hospital - 14th October, 1983.</td>
</tr>
<tr>
<td>Two Sisters and Two Staff Nurses (Operating Theatres)</td>
<td>Workshop for Theatre Nurses, St. Mary's Orthopaedic Hospital, Cappagh - 26th and 27th October, 1983.</td>
</tr>
<tr>
<td>Operating Theatre Staff Nurse</td>
<td>Nurses' training course in flexible fibreoptic endoscopy instrumentation, KeyMed Premises in Dublin and Gresham Hotel - 21st November, 1983.</td>
</tr>
<tr>
<td>Staff Nurse (Gastroenterology Unit)</td>
<td>KeyMed Endoscopy Course 21st November, 1983.</td>
</tr>
<tr>
<td>Operating Theatre Staff Nurse</td>
<td>Visit Travenol Laboratories in Castlebar 6th and 7th December, 1983. Sponsored by Travenol Laboratories.</td>
</tr>
</tbody>
</table>

**Papers/Lectures within the Department**

- General introduction to courses
- Introduction to coronary care unit
- Introduction to operating theatre
- Introduction to intensive therapy unit
- Introduction to casualty department
- Infection control
- Basic e.c.g.'s (1) and (2)
- Application of plaster of paris

<table>
<thead>
<tr>
<th>Sponsors</th>
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</thead>
<tbody>
<tr>
<td>Sister M. de Lourdes</td>
</tr>
<tr>
<td>Sister Carmel Dowling</td>
</tr>
<tr>
<td>Sister M. Gerard</td>
</tr>
<tr>
<td>Sister M. Brigid/Sr. Ursula Bullen</td>
</tr>
<tr>
<td>Sister O. McDonald</td>
</tr>
<tr>
<td>Sister Roma Ruddy</td>
</tr>
<tr>
<td>Sister Carmel Dowling</td>
</tr>
<tr>
<td>Staff Nurse Pamela Condron</td>
</tr>
</tbody>
</table>
OPHTHALMOLOGY DEPARTMENT

Staffing

CONSULTANTS:  
Professor P. Dwyer Joyce  
Mr. P. Eustace  
Mr. H. O'Donoghue  
Mr. R. Bowell

NON-CONSULTANT HOSPITAL DOCTORS:  
1 Registrar  
4 Senior House Officers

PARA-MEDICAL STAFF:  
1 Orthoptist

NURSING STAFF:  
1 Out Patient Sister  
1 Ward Sister  
2 Theatre Sisters

Scope of Service

All current ophthalmic techniques and treatment modalities are now available in the department. Routine ophthalmic clinics are held every day and there is twenty-four hour casualty service. A full orthoptic service is also available.

Special Equipment

2 Operating Microscopes - Opmi 1, Opmi 6.  
Greishaber V.I.S.C. vitrectomy instrument.  
Coherent radiation argon laser.  
O'Malley Log- Photocoagulator.  
Topcon fundus camera-Fluorescein angiography.  
Topcon photo-slit anterior segment camera.  
Ocutome vitrectomy MK 11.  
A and B scan ultrasound unit.
Special Interests

Professor P. Dwyer Joyce
Council Member of European Ophthalmic Society.
Council Member of Moorfields Glaucoma Group.
Ophthalmic representative on European Union of
Medical Specialists.

Sub speciality - Neuro-Ophthalmology.
Ophthalmic representative on the European Union
of Medical Specialists.

Mr. P. Eustace
Senior Lecturer - Royal College of Surgeons in
Ireland.

Sub speciality - Ophthalmic plastic surgery.
Diabetic eye disease.
Laser treatment of diabetic retinopathy.
Oculo-plastic surgery; ptosis and lacrimal surgery.
Representative for Ireland on Committee of
European Society of Ophthalmic Plastic and
Reconstructive Surgery.
Gonin Club - International Society of Retinal
Diseases.

Mr. H. O'Donoghue
Sub speciality - Paediatric Ophthalmology
Strabismus - neonatal eye disease.
Honorary Secretary Irish Faculty of
Ophthalmology.

Meetings Attended

   Professor P. Dwyer Joyce.

   Professor P. Dwyer Joyce.

   Professor P. Dwyer Joyce.

4. Combined Meeting South Western Ophthalmological Society of United
   Kingdom. May, 1983.
   Professor P. Dwyer Joyce.

   Mr. P. Eustace.

   Mr. P. Eustace.

   Mr. P. Eustace.

   Mr. P. Eustace.

   Mr. P. Eustace.
Mr. H. O'Donoghue.

Mr. H. O'Donoghue.

Mr. H. O'Donoghue.

Mr. H. O'Donoghue.

Mr. H. O'Donoghue.

Mr. H. O’Donoghue.

Mr. R. Bowell.

Mr. R. Bowell.

Mr. R. Bowell.

Organiser:  

Mr. R. Bowell.
Irish Faculty Annual Conference. November, 1983.  
Mr. R. Bowell.

Recent Publications

1. An unusual case of ophthalmoplegia.  
P. Logan, P. Condon and P. Eustace.  
Irish Journal of Medical Science.

2. Laser Trabeculoplasty in the pseudo exfoliation syndrome.  
P. Logan and P. Eustace.  
Trans Ophthalmic Ophthalmological Society of the United Kingdom (in press).

3. Substance P after laser iridotomy.  
F. O’Donohoe and P. Eustace.  

4. Tonic pupil after dental anaesthesia.  
M. O’Connor and P. Eustace.  
5. Substance P. in human aqueous.
P. Eustace, F. O'Donohoe, and P. Dwyer Joyce.
Glaucoma Group, Moorfields, November 1983.

6. Intrasheath myotomy of the inferior oblique muscle.
P. Eustace and M. Bourke.

7. Laser treatment in diabetic retinopathy.
Trans Ophthalmic Ophthalmological Society of the United Kingdom, 102, 468 - 70.
Mr. H. O'Donoghue.

8. Importance of trenon's capsule in squint surgery.
Mr. H. O'Donoghue.
Trans Ophthalmic Ophthalmological Society of the United Kingdom, 102, 492 - 4.

9- D.C.R. with intubation - long term follow-up of 129 cases.
Mr. H. O'Donoghue.
Irish Journal of Medical Science.

10. Adviser for the chapter on eye diseases in the book "Medicine International".
Mr. H. O'Donoghue.

Mr. R. Bowell.
Irish Faculty of Ophthalmology Annual Conference.

Mr. R. Bowell.
Irish Faculty of Ophthalmology Annual Conference.

Research Activities

1. Retrolental fibroplasia.

2. Congenital glaucoma.

Out Patient Clinics

Every morning and afternoon.

9.00 a.m. and 2.00 p.m. (excluding Friday a.m.)
ORTHOPAEDIC DEPARTMENT

Staffing

CONSULTANTS:  
Mr. P. MacAuley  
Mr. N. Mulvihill  
Mr. M. Walsh  
Mr. W.F. McManus

NON-CONSULTANT  
1 Registrar

HOSPITAL DOCTORS:  
1 Senior House Officer  
3 Interns

Scope of Service

The work of the department is integrated with that of St. Mary's Orthopaedic Hospital and St. Joseph's Children's Hospital, Temple Street hospitals in which Mater Misericordiae Hospital orthopaedic consultants have appointments.

With particular reference to St. Mary's Orthopaedic Hospital, Cappagh, all patients for elective orthopaedic surgery are seen in the out patient department of the Mater Misericordiae Hospital from which they are referred to St. Mary's Orthopaedic Hospital for surgery. Follow up treatment on an out patient basis takes place in the Mater Misericordiae Hospital. A very satisfactory integrated service is provided by this hospital.

All fracture associated injuries and acute orthopaedic conditions are treated in the Mater Misericordiae Hospital in the orthopaedic unit. Early transfer of the majority of the patients is arranged either to:-
(a) Clontarf Orthopaedic Hospital.
(b) one of the Geriatric Units.

The work of the department is considerably enhanced by the very active and most helpful participation of the consultant geriatricians, as they participate in the treatment of the patient from the first day of admission.

In addition to providing lectures for undergraduate and student nurse training programmes, the department has a teaching committment to the following:-
(a) Post graduate nursing courses.

(b) Mater Misericordiae Hospital School of Physiotherapy, University College Dublin.

(c) An Bord Altranais post certificate training in orthopaedic nursing.

The department also has an intensive post fellowship accreditation programme for senior registrars. This programme operates each week as follows:-

1st Thursday - Orthopaedic radiology.
2nd Thursday - Orthopaedic conference, St. Mary's Orthopaedic Hospital, Cappagh.
3rd Thursday - Orthopaedic radiology.
4th Thursday - Elective orthopaedic conference. St. Mary's Orthopaedic Hospital, Cappagh.

Papers
1. Chemonucleolysis and disc prolapse.
   M. Stephens, F. McManus.  
   Irish Orthopaedic Club. Spring Meeting - Kilkenny.

2. Harrington instrumentation and spinal fractures.
   R. Moran, F. McManus.  
   Irish Orthopaedic Club. Autumn Meeting - Crumlin.

Publications
   H. Smith, J. Gallagher, F. McManus.  
   Irish Medical Journal 76. 1. 25.

2. Arthroscopic meniscectomy.  
   Irish Medical Journal 76. 8. 351.

3. Lower limb abnormality and spinal dysphagia.  
   Irish Medical Journal 76. 9. 385.

4. Discitis - Irritable back of childhood.  
   T. O'Brien, F. McManus.  
   Irish Journal of Medical Science 152. 11. 404.
Out Patient Clinics

Orthopaedic Clinics

Mr. M. Walsh  
Monday 1.30 p.m. - 4.30 p.m.

Mr. N. Mulvihill  
Wednesday 1.30 p.m. - 4.30 p.m.

Mr. F.W. McManus  
Tuesday 1.30 p.m. - 4.30 p.m.

Mr. P. MacAuley  
Thursday 1.30 p.m. - 4.30 p.m.

Mr. N. Mulvihill  
Friday 1.30 p.m. - 4.30 p.m.

Fracture Clinics -

Mr. N. Mulvihill  
Friday 9.00 a.m. - 10.00 a.m.

Mr. P. MacAuley  
Tuesday 9.00 a.m. - 10.00 a.m.

Mr. M. Walsh  
Thursday 9.00 a.m. - 10.00 a.m.

Mr. F.W. McManus  
Wednesday 9.00 a.m. - 10.00 a.m.

Mr. N. Mulvihill  
Monday 9.00 a.m. - 10.00 a.m.

Spinal Deformity Clinic -

Mr. F.W. McManus  
Second Thursday each month.
# Out Patient Department

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| Total                                | 434,316| 499,385| 539,343| 558,055| 589,889|
PATHOLOGY DEPARTMENT

Staffing

CONSULTANTS:

Director: Professor M.D. Hickey
Special Interest: Histopathology

Administrator: Dr. J.A. Kirrane
Special Interest: Immunology

Dr. J- Dempsey
Special Interest: Histopathology

Dr. P. Dervan
Special Interest: Histopathology

Dr. R. Hone
Special Interest: Microbiology

Dr. D. Powell
Special Interest: Endocrinology

Dr. B.W. Ot ridge
Special Interest: Haematology

ASSOCIATED MEDICAL STAFF:

Dr. M. Dowling
Special Interest: Cytology

TOP GRADE BIOCHEMISTS:

Dr. D. UaConaill

NON-CONSULTANT HOSPITAL DOCTORS:

2 Registrars
2 Senior House Officers

Principal Biochemists:- Mr. F. Kyne
Miss O. Lanigan

Chief Technologist II - Mr. T. Moloney
Chief Phlebotomist - Miss M. Nolan
9 Biochemists
47 Technicians - Technologists
9 Phlebotomists
1 Mortuary Technician
1 Laboratory Aide

CLERICAL:

Supervisor - Mrs. M. Gannon
5 Grade II Clerk Typists

PORTERS:

5 Porters
The department is fully recognised for membership training by the College of Pathologists in five disciplines. The present complement of non-consultant hospital doctors is two registrars and two senior house officers. These are attached to histopathology and haematology. Submissions are on file with the Department of Health for junior doctors in microbiology and immunology.

The department is recognised for training of student technicians and eleven students were in post during the year including two from Lesotho, sponsored by the Irish government. Members of the technical staff attended meetings of the Academy of Medical Sciences, The Association of Clinical Biochemists in Ireland, and The Triennial Conference of the Institute of Medical Laboratory Sciences in Stirling, Scotland.

The specialised services which have been developed in the various pathology laboratories are greatly in demand by other voluntary and health board hospitals. The department has met and would wish to continue to meet these demands, in order to hold its high reputation as a diagnostic referral service. However, with the budgetary restrictions which were imposed by the Board of Management in October, 1982, together with the loss of a technician post, the reduction in locum cover and the closure of the laboratory on Saturday, the pathology department cannot continue to accept outside work.

Scope of Service

Biochemistry:

The biochemistry laboratory carried out 601,415 tests in 1983, as against 493,462 in 1982 - an increase of more than 22%. The increase was created entirely by increased demands on the laboratory's services, particularly in requests for SMA and Liver Function Tests. It was met by the new equipment purchased in 1982, and the section's performance in international quality control schemes continued above average.

In addition to the routine service, the laboratory continued to provide a 24 hour emergency service, a special rapid glucose-analysis service to the diabetic clinic on Monday and Wednesday mornings, and a rapid 24 hour monitoring service for cardiac surgery patients in intensive care.
Endocrinology:

(a) Clinical Service:
A comprehensive service in general clinical endocrinology. There is a special clinical research interest in reproductive endocrinology and infertility, calcium disorders and renal stones, gut hormones, and pituitary problems. The unit has published many original papers on all these topics.

(b) Laboratory Service:
A comprehensive range of endocrine analyses are provided by the Mater Misericordiae Hospital to other north city hospital, to several south city hospitals, and for certain specialised tests a service is provided for hospitals elsewhere in the country, including Sligo, Castlebar, Galway, Limerick and Waterford. A total of 27,577 tests were performed.

Haematology and Blood Transfusion:

Clinical:
The in-patient service is based on beds in St. Gabriel's and St. John's wards. The whole range of haematological diseases is dealt with including leukaemias and lymphomas. The case load derives from the local population plus referred cases from elsewhere. There is a close association with Dr. Garrett Fitzgerald, county physician in Monaghan. Weekly out-patient clinic also functions as a day centre with blood transfusions, iron infusion and cytotoxic chemotherapy being given. There is a rapid consultative service available.

Laboratory:
A comprehensive range of tests in blood counting immuno haematology, coagulation and radio-immune assay.

Histopathology:
Tissue (biopsies and resection specimens) from 6,800 patients, approximately 15,000 tissue blocks were examined by routine light microscopy. A wide range of histochemical and immunohistochemical examinations are now carried out in the department on a semi-routine basis - muscle enzyme histochemistry, peripheral nerve biopsy evaluation, immunoperoxidase staining for immunoglobulins and a wide variety of peptide hormones.

Frozen section consultations were provided for approximately 450 patients. The demand for examination of plastic embedded bone biopsies for metabolic bone disease continues to increase. The cytology service has expanded and a large number of fine needle aspirations are being evaluated in addition to sputum, gynaecological specimens and serous fluids. 188 post mortems were performed.
Immunology:
The immunology service provides a wide range of tests for the investigation of immunological diseases including the characterisation of paraproteins and cryoprecipitates, the demonstration of oligoclonal banding in the C.S.F., specific protein assays, direct and indirect immunofluorescence, circulating immune complexes, lymphocyte typing and neutrophil function. The ELIZA technique was adapted for brucellosis serology and is under development for toxoplasmosis. A total of 21,546 tests were performed.

Microbiology:
The diagnostic bacteriology laboratory service offers a wide range of techniques used in the isolation and identification of bacterial, fungal and parasitic infections. Antimicrobial sensitivity tests and serum antibiotic assays are carried out for a large number of antibacterial agents and antibiotics. Cultures for newly recognised bacterial pathogens are performed. These include the isolation of legionella pneumophilia from blood and respiratory secretions. Culture for Campylobacter and Clostridium difficile in patients with diarrhoeal diseases. Serological tests for the diagnosis of Legionnaire's disease are also performed routinely. Epidemiological and environmental studies required in the investigation and prevention of nosocomial infections are carried out.

Special Interests

Biochemistry:
(a) Quality control: The section contributed as a reference laboratory to the establishment of "consensus" values for quality control material.
(b) Lipoprotein and alkaline phosphatase isoenzyme profiling.
(c) "Stone" analysis.
(d) Bound enzyme techniques.
(e) Chromatography of tumour-markers (HPLC).
(f) Computing.

Haematology and Blood Transfusion:
Participation in the Medical Research Council trial in chemotherapy in leukaemia and allied disease. Co-operation with Royal Marsden Hospital on induction therapy of acute leukaemia, origin of symptomatic anaesthesias.
Immunology:

Microbiology:
Further development of the microbiological and biochemical techniques used in the control of antimicrobial chemotherapy. The role of microorganisms in infertility. The bacteriological study of recurrent cystitis and vaginitis. The epidemiology of multiple antibiotic resistant staphylococci. Diagnosis and laboratory control and treatment of infective endocarditis.

Special Equipment and Techniques

Biochemistry:
The principal analytical equipment is the SMA-UC ten-channel analyzer, the IL-508 eight-channel electrolytes analyser, the centrifichem centrifugal fast analyzer, and the IL-1302 blood-gas analyzer. In addition, the laboratory uses flame photometry, specific electrode measurements, reaction rate analysis, osmometry, electrophoresis and high performance liquid chromatography.

Haematology and Blood Transfusion:
Platelet aggregometer and recorder used to study patients with problems of haemostasis and thromboembolism.

Microbiology:
Staphylococcus aureus bacteriophage typing. Isolation and identification of mycoplasma species and ureaplasma ureolyticum.

Research Activities

Biochemistry:
In the area of diabetic research sponsored by Professor M.I. Drury, an assay for glycosylated proteins was set up. Initial investigations indicated that this might be a useful marker of glycaemic control when a rapid change in control status is expected. This work was presented in a preliminary form at the Annual Conference of the Association of Clinical Biochemists in Ireland, in November. All the
currently available field methods for estimating blood and urinary glucose were compared with a laboratory reference method. This study has been accepted for publication in 1984.

In another study, a method of immobilizing uricase on a nylon coil was successfully developed for routine use, at a fraction of the cost of the commercial coil; and a method for simultaneous measurement of VMA and 5-HIAA by HPLC was developed.

Haematology and Blood Transfusion:

In addition to the therapeutic trials listed under special interests, the department is currently undertaking research into:-

(a) Prevalance of thalassaemia genes in Irish people (in conjunction with Dr. Garrett Fitzgerald).

(b) Changes of platelet function in sub-endocardial infarction (in conjunction with Dr. John Horgan).

Histopathology:

Application of immunohistochemical techniques of tumour diagnosis and spread. Metabolic bone disease in renal failure.

Immunology:

(a) Lymphocyte subsets in hidradenitis suppurativa.

(b) Helper suppressor lymphocyte ratios in multiple sclerosis.

(c) Immune complexes in skin in rheumatoid arthritis.

(d) Frozen section fluorescence in lesional and non-lesional skin in psoriasis.

(e) Lymphocyte subsets in acne vulgaris; pre and post therapy; a correlation with clinical severity.

(f) Rheumatoid factor determination by nephelometry.

(g) Subacute annular bypass; a recently recognised common variant of S.L.E. -Report of three cases.

(h) Immunological studies in dermatitis herpitiformis.

(i) Teichoic acid antibodies in osteomyelitis.

Microbiology:

Studies in the epidemiology and pathogenicity of gentamicin resistant staphylococcus aureus. Laboratory and clinical evaluation of antibiotic combinations in the treatment of infective endocarditis due to mutiple antibiotic
resistant staphylococci. Laboratory and clinical evaluation of new antibiotic agents in urinary tract infection (in association with the nephrology department), and in respiratory tract infection (in association with the department of respiratory medicine).

Educational

Biochemistry:
A number of staff of this section are actively involved in the training of students. This consists of lectures as well as practical work. Some senior members of the staff also lecture to the fellowship course in medical laboratory science at the College of Technology, Kevin Street, Dublin.

Histopathology:
Undergraduates attend weekly during Michaelmas and Hilary terms for lectures, tutorials and autopsies and examinations of surgical specimens.

Immunology:
The consultant is a visiting lecturer and an examiner in pathology in University College, Dublin, a board member of the Faculty of Pathology of the College of Physicians in Ireland and honorary secretary of the Cancer Research Advancement Board of the Irish Cancer Society, a board member of the Mater Hospital College for Research and Postgraduate Education and honorary secretary of its scientific sub-committee. He is a frequent graduate lecturer.

Microbiology:
The consultant microbiologist is a visiting lecturer in the Department of Microbiology, University College, Dublin, is a regular contributor to the Mater Misericordiae Hospital postgraduate courses for nurses, to the fellowship course for laboratory scientists at the College of Technology, Kevin Street, and to postgraduate courses for membership of the Royal College of Physicians. She is honorary secretary of the pathology section of the Royal Academy of Medicine in Ireland and first honorary secretary of the newly formed Irish Society of Clinical Microbiologists.
Conference/Meetings

Biochemistry:


Haematology and Blood Transfusion:

Conference Wednesday 12.00 noon - 1.00 p.m.
Grand Round Wednesday 2.00 p.m.

Histopathology:

The department runs histopathology conferences on a weekly basis in conjunction with the departments of dermatology and gastroenterology in addition to a postgraduate slide tutorial, two weekly, for pathology residents in other Dublin hospitals. There is also a regular histopathology input into various radiological, surgical and general medical conferences in the hospital.

Immunology:

The department frequently participates in the various weekly conferences held in the hospital.

Miss Martin was awarded a prize in the United Kingdom/Ireland IgE quality control scheme organised by Pharmacia, who took her on a six day scientific and educational trip to Sweden, where she attended lectures at the Karolinska Institute in Stockholm and the Biomedical Centre in Uppsala.

Miss Merlehan attended the British Society of Immunology Meeting in London.

Microbiology:

The department is a regular contributor to the weekly and surgical conferences.
Publications, Papers, Communications

Biochemistry:

1. A relatively simple routine HPLC assay for 5HIAA and VMA simultaneously.  
   S. Maguire.  

2. Glycosylated plasma protein and HbAl levels in Diabetes Mellitus: An accurate measure of glycaemic control?  
   M. O'Connell, M.I. Drury.  

   P. McGing.  

4. Freeze Drying technique for faecal fat analysis.  

Endocrinology:

BOOKS

   P. Skrabanek, D. Powell.  

2. Substance P - Dublin 1983.  
   P. Skrabanek, D. Powell.  

ARTICLES AND ABSTRACTS

1. Heterogeneous molecular forms of circulating substance P.  
   A. Balfe, P. Skrabanek, D. Powell.  
   Irish Journal of Medical Science 152, Supplement 1, 12-13, 1983

   A. Balfe, P. Skrabanek, D. Powell.  

3. Sex chromosome anomalies at an endocrine clinic.  
   F. O'Connell, P. Skrabanek, D. Powell.  

4. Substance P in obstetrics and gynaecology.  
   P. Skrabanek, D. Powell.  

   P. Skrabanek.  
6. Gluten in schizophrenia. Editorial.
P. Skrabanek.

P. Skrabanek.
Lancet i, 1198, 1983.

P. Skrabanek.

9. How to read Japanese medical journals.
P. Skrabanek.

10. Notes towards the history of anorexia nervosa.
P. Skrabanek.

11. The hypodipsia-hypernatraemia syndrome presenting with obesity.
D. Powell, M. Codd, P. Skrabanek, E. Tempany.
Irish Journal of Medical Science 152, 357-359, 1983.

12. The measurement of substance P in human aqueous.
F. O'Donohoe, P. Eustace, A. Balfe, P. Skrabanek.
Irish Journal of Medical Science 152, 293, 1983.

D. O'Keeffe, D. Dowsett, D. Powell, J.T. Ennis.

14. Thin bones (Osteoporosis) and hormones.
D. Powell, D. O'Keeffe.

15. The Radiological Investigation of Osteopenia.
C. Gollum, D. O'Keeffe, D.J. Dowsett, J.T. Ennis.
Irish Journal of Medical Science, 152; 30-33, 1983.

16. Plasma prolactin concentrations following epileptic and pseudoseizures.

17. A radioimmunoassay for anti-sperm antibodies using 1 labelled Protein A.

XI World Congress on Fertility and Sterility. Dublin, June 26th 1983.

Histopathology:

1. Acquired immunodeficiency syndrome in Ireland.
F.N. O’Keeffe, H.T. Barniville, B. Otridge, W. Powderly, B. Alton, P. Dervan.
2. Solitary familial desmoplastic trichoepithelidma. A study by conventional and electron microscopy.

American Journal of Clinical Pathology, (in press).

4. Hyperinsulinism associated with pleomorphic pancreatic tumour - carcinoid or carcinoma?

5. Amyloid neuropathy.


7. The histopathology of AIDS associated lesions.

8. Hyperinsulinism associated with pleomorphic pancreatic tumour - carcinoid or carcinoma?


Immunology:


Microbiology:

Lectures:

1. Faecal carriage of Clostridium difficile in a hospitalised population.
   M. O'Connor, D. Phelan, R. Hone.
   Royal Academy of Medicine in Ireland. Pathology section. Royal College of Physicians, Dublin. 2nd February, 1983.

2. Aztreonam versus netilmicin for treatment of patients with serious urinary tract infections.
   J. Hollingsworth, R. Hone, J. Donohoe.

3. Urinary tract infections - immunological aspects.
   R. Hone.
   Institute of Medical Laboratory Sciences, Triennial Conference, Stirling, Scotland. September, 1983.

   J. Hollingsworth, J. Donohoe, P. Keelan, R. Hone.

5. Rational use of antibiotics.
   R. Hone.

6. Recent developments in infections: diagnostic problems.
   R. Hone.
   Mater Misericordiae Hospital. Study day conference. 10th December, 1983.

7. Microbiological background - clinical usage of cefotaxime.
   R. Hone.
   Limerick Regional Hospital, clinical meeting. 3rd November, 1983.

8. Microbiology of infertility.
   R. Hone.

Publications:

1. Tuberculosis.
   A. Foley-Nolan, R. Hone.

2. Comparative clinical trial of sulbactam and ampicillin with gentamicin and metronidazole in the management of severe abdominal sepsis.
   J. Duignan, M. Power O’Daly, A. Murray, R. Hone.
Activity Analysis

Pathology

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<td>291,573</td>
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<td>30,955</td>
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<td>21,546</td>
</tr>
<tr>
<td>Blood Groups</td>
<td>5,109</td>
<td>5,542</td>
<td>6,252</td>
<td>6,152</td>
<td>6,886</td>
</tr>
<tr>
<td>Radioimmuno Assay Laboratory</td>
<td>18,249</td>
<td>22,613</td>
<td>27,923</td>
<td>29,568</td>
<td>27,577</td>
</tr>
<tr>
<td>Post Mortems</td>
<td>288</td>
<td>289</td>
<td>264</td>
<td>237</td>
<td>188</td>
</tr>
<tr>
<td>Total Tests</td>
<td>705,464</td>
<td>839,109</td>
<td>1,005,487</td>
<td>990,851</td>
<td>1,117,088</td>
</tr>
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</table>

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# DEPARTMENT OF RADIOLOGY

## Staffing

### CONSULTANT RADIOLOGISTS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Special Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. J.T. Ennis</td>
<td>Nuclear Medicine and Computerised Tomography.</td>
</tr>
<tr>
<td>Dr. T.P. Eustace</td>
<td>Diagnostic Ultrasound.</td>
</tr>
<tr>
<td>Dr. P. McCann</td>
<td>Cardiovascular Radiology and Computerised Tomography.</td>
</tr>
<tr>
<td>Dr. D. Legge</td>
<td>Angiography and Interventional Radiology.</td>
</tr>
<tr>
<td>Dr. M. Behan</td>
<td>Diagnostic Ultrasound and Computerised Tomography.</td>
</tr>
<tr>
<td>Dr. D. O'Connell</td>
<td>Xeromammography and G.I. Radiology.</td>
</tr>
</tbody>
</table>

### MEDICAL PHYSICS:

- Principal: Mr. D.J. Dowsett
- Basic: Dr. L. Malone, Miss N. Sheahan

### NON-CONSULTANT HOSPITAL DOCTORS:

- 4 Registrars
- 3 Senior House Officers

### PARA-MEDICAL STAFF:

- Superintendent Radiographer II: Miss C. Neary
- Superintendent Radiographer I: Mrs. O. Smyth
- Superintendent Radiographer I: Miss J. Riordan
- 9 Senior Radiographers
- 21 Basic Grade Radiographers
- 1 Staff Nurse - Mrs. U. Lewis
- 1 Junior Nurse
- 1 Patient's Aide

### SECRETARIAL STAFF:

- Administrative Assistant - Miss P. Gaffney
- I Grade III Clerk Typist
- II Grade II Clerk Typists

### PORTERS:

- 4 Porters/Dark-room Technicians
- 3 General Porters

### RESEARCH PERSONNEL AND RESEARCH GRANTS:

- Mr. C. Minogue - funded by Irish Cancer Society
- Dr. M. Crowe - funded by Boehringer Ltd.
- Mr. J.F. Kennedy - funded by Medical Research Council of Ireland
FACULTY OF RADIOLOGISTS:

Member of Faculty Board - Dr. P. McCann
Member of Faculty Board and Chairman of Scientific Sub-Committee - Dr. J.T. Ennis
Secretary, Fellowship Advisory Board - Dr. D. Legge

OVERSEAS APPOINTMENT: Dr. J.T. Ennis accepted an appointment as visiting Professor in Radiology in Florida University, for one year and is expected back in July, 1984.

Departmental Report

Although the present department has been considerably enlarged since the new extension was added in 1980, it is important to emphasise once again that it will be quite impossible to provide the increased service which will be required when the new hospital development is completed. It should also be recognised that its services extend far beyond the Mater Misericordiae Hospital itself, a considerable part of its workload consists of patients referred from other hospitals throughout the country, especially for isotope scanning, CT scanning and ultrasound.

Present staffing remains unsatisfactory because -

1. The Department of Health has continued to refuse sanction for the staff required to operate optimally the extended radiology department, despite repeated requests.

2. The cutbacks imposed by the Board of Management in late 1982 meant that radiographers leaving on maternity leave were not replaced, further depleting the department.

3. The increased demand for computed tomography (2,770 scans performed in 1983) requires a continued complement of two radiographers from the main radiology department.

Computerisation:
Investigations are proceeding to elicit those programmes most suitable for efficient patient registration and film archiving.

Scope of Service

(a) Accident and Emergency
Two radiographic rooms including a skull unit. The department has a 'daylight' loading system which facilitates throughput. All accident/emergency x-rays are reported in the accident/emergency department by a consultant or a registrar.
(b) Main Department

Room 1: Chest changer Du Pont - daylight loading.
Room 2: Siemens barium suite with rapid film changer for angiography. Barium examinations are performed between 8.00 a.m. and 11.00 a.m. and this room then engages in special procedures and orthopantomography.
Room 3: Unfit for use and awaits sanction for refurbishing.
Room 4: G.E.C. general purpose room for routine work.
Room 5: Double G.E.C./I.V.P. room with twin examination floating tabletops and linear tomography - I.V.P. examinations performed here.
Room 6: General purpose G.E.C. equipment and mammography.
Room 7: Skull room - Arco Universal Skull Unit - C.G.R. All skull work - cervical spines.
Room 8: G.E.C. fluoroscopy room with 100mm fotospot camera.
Room 9: C.G.R. Prestilex angiography room - remote control.
Room 10: C.G.R. Stratomatic U specialised tomography capable of linear, circular and trispiral tomography.
Room 11: Special procedures for detailed angiographic work - C.G.R.

Daylight loading system throughout the department.

Special Equipment and Techniques

Equipment
a) Du Pont chest changer - radiographs automatically processed - can perform examinations quickly and saves patient waiting. General practitioners have ready access to this unit - patient may attend for radiography without appointment.
b) Special procedures room.
c) Xeroradiography - main application in mammography.
d) Pho-con tomographic scanner.
e) Computerised tomography - Somatom 2 (Siemens).
f) Photon absorptiometry - enables rapid diagnosis of osteoporosis.
g) Digital radiography.

Nuclear Medicine
Gamma camera (Pho, Gamma Four, Searle).
Gamma camera (LFOV, Searle); two microdots for radiographic presentation.
Gamma camera (LEM) mobile for emergency work.
Phocon tomographic scanner.
During the year, 3,946 patients underwent examinations in this department, including the usual studies using isotopes. New techniques were developed to label white cells and platelets with Indium. White cell scanning is a useful technique for localising infection in cases of pyrexia of unknown origin. Labelled platelets can indicate areas of clot formation in arteries and within the heart itself.

Studies for analysis of oesophageal transit have also been developed and are under clinical evaluation.

**Ultrasound**

Diasonography Greyscale equipment, augmented Phosonic digital equipment, used for thyroid, abdomen and pelvis. Although Greyscale, computerised by interfacing with medical data system trinary computer, has been a feature of this department for some time, there is a definite need for a real-time ultrasound unit to enhance the hospital’s ultrasound facilities and speed up examinations.

**Computerised Tomography**

Somatom 2 scanner. There has been a greatly increased demand throughout the country for whole body scanning for which this machine is very adequately equipped. Therefore, the department is concentrating on requests for body scans, leaving the brain scans (except for Mater Misericordiae Hospital patients) to another hospital.

**Cardiovascular Radiology**

Sanction has recently been received for a new x-ray unit for cardiac investigation. This will be a first-class ultra modern unit which will not only increase the number of investigations but also raise the quality to a much higher level. The bi-plane ‘C-Arm’ unit will provide cine radiography at all possible angles of projection and the capability for angioplastic treatment of certain coronary artery lesions.

**Research Activities in Progress**

6. Indium tropolone labelling of platelets.
   J.F. Kennedy, D.J. Dowsett, J.T. Ennis.

7. Labelled white cells in localising infection.
   L.A. Malone, D.J. Dowsett, J.T. Ennis.

8. A comparison of Atrovent, Berotec and a combination of the two in-patients with reversible COAD.
   N.F. Sheahan, M.F. Crowe, P.J. Keelan, J.T. Ennis.

9. The evaluation of computer tomographic localisation of anatomical abnormality with slice thickness and radiation dosimetric measurement.
   O. Laird, C. Neary, D.J. Dowsett, J.T. Ennis.


Publications

1. Therapeutic arterial embolisation: report of five years* experience.

2. CT arteriography in the pre-surgical evaluation of hepatic tumours.
   J. Stack, D. Legge, M. Behan.

3. Embolisation in paediatric patients.

4. The identification, localisation and excision of the osteoid osteoma nidus through scintigraphy and computerised tomography.

   Radiology 149, p. 231 (RSNA), 1983.
   D.J. Dowsett, J.T. Ennis, R. de Jong.

6. Indium labelled tropolone: image subtraction procedures for improved diagnostic accuracy.

7. Regional response to bronchodilator aerosol in asthma.
   N.F. Sheahan, M.F. Crowe, P.J. Keelan, J.T. Ennis.


   Ultrasonography in thyroid diagnosis.
   M. Behan.

0. Vascular Radionuclide Imaging - A Clinical Atlas.
   J.T. Ennis, D.J. Dowsett.
11. Fine needle biopsy of solid abdominal tumours and drainage of fluid collections under ultrasound control.
Therapeutica Chronica, Athens, Greece. In press.
S. Sotiropoulos, M. Behan.

12. The radiological investigation of osteopenia.
C. Collum, D. O'Keeffe, D.J. Dowsett, J.T. Ennis.

13. Oblique tomography of the pulmonary hila - a prospective study in 112 patients.
Submitted to European Journal of Radiology.
C. Collum, D. O'Connell.

W. Powderly, D. O'Connell, J. Lennon.

15. Radiation exposure to the eyes, breasts and gonads during routine radiographic tomography of the thorax and abdomen.
Accepted by Radiology.

Submitted to British Journal of Urology.

Presentations at Scientific Meetings

1. Embolisation in paediatric patients: selected use of bucrylate for embolisation.
Joint Meeting of the European College of Angiography and the European Society of Cardiovascular Radiology, Dubrovnik, Yugoslavia. September, 1983.
D. Legge.

2. Bone densitometry - a comparitive study of three imaging modalities.
Imaging meeting, Royal College of Surgeons in Ireland. February, 1983.
D. O'Keeffe D.J. Dowsett, D. Powell, J.T. Ennis.


D. O'Keeffe, D.J. Dowsett, D. Powell, J.T. Ennis.

P. McCann.

6. Indium labelled white cells and platelets: the importance of image analysis and tomography on diagnostic accuracy.
Proceedings of Society of Nuclear Medicine, Ulm., 1983.

8. Deposition of aerosolised bronchodilators.
Imaging meeting, Royal College of Surgeons in Ireland. February, 1983.
N.F. Sheahan, M.F. Crowe, P.J. Keelan, J.T. Ennis.

9. Ill-Indium labelled while cells in the diagnosis of abdominal sepsis.
Imaging meeting, Royal College of Surgeons in Ireland. February, 1983.

10. Digital image enhancement in mammography.
Imaging meeting, Royal College of Surgeons in Ireland. February, 1983.
C. Minogue, D.J. Dowsett, J.T. Ennis.

11. Low-back pain: the relative importance of myelography and computed
tomography.
Fifth European Congress of Radiology, Bordeaux. September, 1983.
S. Sotiropoulos, J.T. Ennis.

12. Indium labelled leucocytes and platelets.
Scientific poster presentation. Triennial Conference, Institute of Sciences,
Medical Laboratory, Stirling University, Scotland. 1983.

13. The radiological investigation of osteopenia.
Annual Scientific Meeting of the Faculty of Radiologists, Royal College of
C. Collum, J.T. Ennis.

Faculty of Radiologists spring meeting, Belfast. 1983.
D. O'Connell.

Conferences

Daily departmental radiological conference - 12.45 p.m.

Monday  1.15 p.m. Nephrology/radiology conference.
Wednesday  8.30 a.m. Thoracic/radiology conference.
Thursday  8.00 a.m. Orthopaedic/radiology conference/cardiac conference.
Friday  8.30 a.m. Gastrointestinal/radiology conference.

Papers in Preparation

1. Carcinoma of the oesophagus - the role of staging using computed
tomography.

2. Computed tomography evaluation of tumours at the gastro-oesophausal
junction.

3. Complications of intravenous drug abuse using mercury.
S. Darby, D. O'Connell.

4. Comparison of scintigraphy, ultrasound and computed tomography in the
evaluation of diffuse liver disease.

5. Placental transfer of activity following injection of technetium labelled
MAA.
L.A. Malone, J.T. Ennis.
6. Radiation dose to the foetus during radioisotope venography.
   L.A. Malone, J.T. Ennis.

7. $^{198}$Gold - a new steady-state vascular imaging agent.
   Prepared for Radiology.
   D.J. Dowsett, J.T. Ennis, R. de Jong.

8. Value of ultrasound, computed tomography, scintigraphy in the diagnosis of
   parenchymal liver disease.

Award:

Dr. M. Kidney was awarded the Kodak Scholarship to study overseas. She chose
   to pursue further studies on ultrasound - Vancouver B.C., Canada.

Activity Analysis

Radiology

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<tr>
<td>General Work</td>
<td>39,268</td>
<td>41,639</td>
<td>49,557</td>
<td>50,731</td>
<td>46,826</td>
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<tr>
<td>Specials</td>
<td>1,647</td>
<td>1,918</td>
<td>1,879</td>
<td>1,817</td>
<td>1,821</td>
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<td>Barium Meals</td>
<td>3,747</td>
<td>3,515</td>
<td>3,697</td>
<td>3,481</td>
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<td>Barium Enemas</td>
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<td>1,399</td>
<td>1,506</td>
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<tr>
<td>I.V.P.S</td>
<td>1,435</td>
<td>1,655</td>
<td>1,709</td>
<td>1,712</td>
<td>1,525</td>
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<tr>
<td>G.B.S</td>
<td>1,419</td>
<td>1,415</td>
<td>1,278</td>
<td>1,219</td>
<td>857</td>
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<td>Xerography</td>
<td>536</td>
<td>670</td>
<td>697</td>
<td>838</td>
<td>690</td>
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<tr>
<td>Scanning</td>
<td>4,386</td>
<td>5,070</td>
<td>5,283</td>
<td>3,576</td>
<td>3,946</td>
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<td>Ultrasound</td>
<td>1,751</td>
<td>2,649</td>
<td>3,260</td>
<td>4,391</td>
<td>3,381</td>
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<tr>
<td>TOTAL:</td>
<td>55,556</td>
<td>59,930</td>
<td>68,866</td>
<td>69,256</td>
<td>63,689</td>
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CARDIOVASCULAR X-RAY

<p>| | | | | | |</p>
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</thead>
<tbody>
<tr>
<td>Patients</td>
<td>740</td>
<td>760</td>
<td>907</td>
<td>893</td>
<td>861</td>
</tr>
<tr>
<td>Procedures</td>
<td>2,292</td>
<td>2,330</td>
<td>2,724</td>
<td>2,679</td>
<td>2,682</td>
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ACCIDENT/EMERGENCY DEPARTMENT

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<table>
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<tr>
<td>X-Rays</td>
<td>30,698</td>
<td>29,630</td>
<td>30,116</td>
<td>34,559</td>
<td>34,968</td>
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<tr>
<td>Grand Total</td>
<td>88,546</td>
<td>91,890</td>
<td>101,706</td>
<td>106,494</td>
<td>101,339</td>
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RESPIRATORY MEDICINE DEPARTMENT

Staffing

CONSULTANTS:  
Dr. P. Keelan  
Dr. W.D. Linehan

NON-CONSULTANT HOSPITAL DOCTORS:  
1 Registrar  
1 Senior House Officer  
2 Interns  
1 Clinical and Research Assistant  
(The Department is recognised for higher medical training in respiratory medicine).

ASSOCIATED MEDICAL STAFF:  
2 Thoracic Surgeons

PARA-MEDICAL STAFF:  
1 Pulmonary Laboratory Technician

Scope of Service

An extensive range of techniques is available for full assessment of pulmonary problems, including pulmonary function assessment, bronchography, bronchial brushing, angiography, isotope scanning (ventilation and perfusion), immunology, microbiology, bronchoscopy, mediastinoscopy, needle lung biopsy, pleural biopsy, thoracoscopy, lung volumes (helium dilution), gas transfer (steady state carbon monoxide), arterial cannulation for blood gases, exercise tests, provocation tests, skin allergy tests, assessment of regional lung function and computerised tomographic scanning.

Research Activities

1. Epidemiological and immunological aspects of sarcoidosis in Ireland.
2. Assessment of clinical trial of broncho dilator substances in asthma/chronic bronchitis.
3. Assessment of systemic steroid sparing effect of inhaled steroids in bronchial asthma.

5. Asbestosis.


7. Gas transfer in leukaemic patients before and after treatment.

8. Ventilation/perfusion abnormalities in the lung in sarcoidosis.


Communications

Dr. P. Keelan:

1. Mixed collagen disease.
   Inter Hospitals Thoracic Conference (jointly). January, 1983.

2. Regional response to bronchodilator aerosols.
   Immogean scientific meeting, Faculty of Radiologists, Royal College of Surgeons. - (jointly)

   Post Graduate Medical Course, University College, Dublin. March, 1983.

4. Embolic lung disease.
   Symposium on recent advances in respiratory diseases, Royal College of Physicians, Ireland. April, 1983.


6. Immuno deficiency in asthma.

Dr. W.D. Linehan:


Recent Publications

Dr. P. Keelan:

1. Aztreonam in respiratory and urinary tract infection - (jointly)
   Journal of clinical microbiology (in press).

2. Comparative trial of Budesonide and Beclomethasone Dipropionate - (jointly)
   Irish Medical Journal (in press).

3. Cefotaxime in the management of acute lower respiratory tract infection -
   (jointly).
4. Of Pickwick and Ondine.  

5. Sarcoidosis amongst the Irish.  


7. A multiple dose response study of clenbuterol in bronchial asthma (jointly)  


Dr. W.D. Linehan:

Pamphlet series for Irish Asthma Society.

Conferences Attended

1. International symposium on bronchial asthma - Portugal, March, 1983.  
   Dr. P. Keelan.

   Dr. P. Keelan.

   Dr. P. Keelan.

   Dr. W.D. Linehan.

Other Activities

Dr. Keelan continues as committee member of the Association of Physicians of Great Britain and Ireland and of the Irish Thoracic Society.

Dr. Linehan continues as Irish representative on special Advisory Committee, Respiratory Diseases, on the Joint Committee Higher Medical Training. He also continues as council member, Irish Thoracic Society as well as Chairman of Medical Committee, Irish Asthma Society.

Department Conferences

Wednesdays - 8.30 a.m.

Out Patient Clinic:

Tuesdays - 2.00 p.m.

Laboratory out patients seen daily.
RHEUMATOLOGY AND REHABILITATION DEPARTMENT

Staffing

CONSULTANTS: Dr. C. Barry
Dr. D. Roden

NON-CONSULTANT HOSPITAL DOCTORS: 1 Senior Registrar

PARA-MEDICAL STAFF: 1 Superintendent Physiotherapist
(Miss D. Bernal)
5 Senior Physiotherapists
13 Basic Grade Physiotherapists
1 Occupational Therapist

Scope of Service

The department deals with the specialty of rheumatology and rehabilitation and is recognised by the Joint Committee for Higher Medical Training and the Irish Committee for Higher Medical Training for the training of senior registrars (jointly with St. Vincent's Hospital, Elm Park and St. James's Hospital). It is involved in the training of medical students from University College, Dublin and various lectures and demonstrations are arranged during the year.

Patients are referred for consultation and treatment. The department provides a full rehabilitation service for the general hospital, private hospital and also for a large number of local and regional doctors.

In addition to the management of rheumatology and the rehabilitation of chronically disabled patients, there is a full service for intensive care, respiratory medicine, neurology and post operative patients. There has been a great increase in demand for physiotherapy services for the intensive care units and for acute respiratory medicine in recent years. There is a twenty-four hour service which puts a great strain on the department. The growth of work in the department of Cardiac Surgery put an additional strain on the physiotherapy department during the year. This work load with the ensuring overtime commitments, created a serious imbalance in departmental work.
Two temporary physiotherapists were sanctioned in mid 1983 and it is hoped these posts will be made permanent in 1984. There is an even greater need to increase the number of occupational therapists in the unit as Miss P. Grier remains the sole therapist in this department.

Courses and Conferences Attended

1. Intensive care post graduate course.

   M. Kilduff, M. Twomey, M. O'Leary, B. Kavanagh and D. Bernal.
   Royal College of Surgeons - 7th and 8th January, 1983.

3. Cyriax manipulations course.
   P. Tallon.

   B. Kavanagh, B. Walsh, A. Nolan.

5. Maitland manipulations course.
   Dublin School of Physiotherapy - 5th and 6th March and 30th April and 1st May, 1983.

6. Vertebral manipulations by Mrs. Evelyn Crowe.
   9th April, 7th and 14th May.

7. Makenzie mobilisations.
   B. Kavanagh.
   Dublin School of Physiotherapy - 15th, 16th and 17th April, 1983.

8. Cyriax course.
   J. Sweeney.

   D. Bernal.
   Northwick Park Hospital - 21st and 22nd October, 1983.
   Miss D. Bernal attended as the regional representative.

10. 'NAIDEX'.
    P. Grier, C. Acton.
    This is the largest exhibition of aids for the disabled, held in the British Isles.

All the above lectures and courses were attended by the therapists at their own expense. Study leave, when required, was granted by the hospital.

Dr. D. Roden and Dr. C.J. Barry attended a number of conferences and meetings throughout the year. Dr. D. Roden was elected President of the Irish Association for Rheumatology and Rehabilitation. Dr. C.J. Barry was elected President of the International Cerebral Palsy Society.
University College, Dublin, and Mater Misericordiae Hospital
School of Physiotherapy

In October, 1983 the School of Physiotherapy commenced a four year honors degree course leading to the award of Bachelor of Physiotherapy by the National University of Ireland, thirty students being admitted to the course. The Diploma in Physiotherapy Course will cease when the present 2nd and 3rd year students qualify.

In conjunction with the degree course, a research laboratory is being set up for undergraduate physiotherapy and research projects for post graduate physiotherapists to obtain higher degrees.

Staffing

**Director:** Miss B.V. Jones

**Assistant Director:** Dr. M. Garrett

**Assistant Lecturers:** Sr. M. Reparata Hanly
Mrs. M. Lynch
Miss R. Jeffers
Mrs. C. O'Donnell
Mrs. M. McAteer

Miss Y. Mansell retired in September, 1983 after sixteen years of valuable service to the School of Physiotherapy.

Courses and Conferences Attended

1. Recent advances in assessment and management of neurological conditions.
   Sr. M. Reparata Hanly.

2. Advanced sports medicine.
   M. Lynch.
   Oxford.

3. A series of week-end courses on sports medicine.
   Olympic Council of Ireland - Royal College of Surgeons, Dublin.

   M. McAteer.
   National Head Injuries Association - July 1983.
5. Modern 'Casting Techniques'.
R. Jeffers.
Sheffield University.

Publications

1. Chapter on skin conditions - Cash's textbook of general medical and surgical conditions for physiotherapists.
   Edited by P.A. Downie, B.V. Jones.

2. "Comparison of patterns of locomotion in normal children and in children with cerebral palsy".
   M. Garrett, E.C. Finch (Trinity College, Dublin), R.G. Luckwill (Trinity College, Dublin), R.E. Moore (Trinity College, Dublin).

3. "Role of the reflex response of knee musculature during the swing phase of walking in man".
   M. Garrett, R.G. Luckwill.

Central Remedial Clinic, Clontarf

Staffing

MEDICAL:

Dr. C. Barry - Medical Director
Mr. J. Boyd Dim lop - Orthopaedic Consultant
Mr. F. McManus - Orthopaedic Consultant
Prof. N. O'Donohoe - Neurological Consultant
Dr. S. Dockeray - Paediatrician
Dr. M. Gallagher - Paediatrician
Dr. M. Nash - Ophthalmic Consultant
Dr. P. Rowland
Dr. D. Murray

PARA-MEDICAL STAFF:

1 Superintendent Physiotherapist (Miss K. Keating)
2 Senior Physiotherapists
4 Basic Grade Physiotherapists
6 Occupational Therapists
2 Speech Therapists
1 Chiropodist
The physiotherapy department in the Central Remedial Clinic gives a highly specialised service to children with physical and multiple handicaps. Special emphasis is placed on the assessment and the care of the very young child, with a handicap, and this service is on a national scale. There is also an active occupational therapy department, with a staff of six occupational therapists, which provides sensory and perceptual training, vocational training, and advice on special seating for the handicapped individual usually in co-operation with the physiotherapists. The Central Remedial Clinic and St. Mary's Orthopaedic Hospital, Cappagh, together provide an orthotic service for disabled people under the direction of Mr. F. McManus and Mr. R. Bowers, orthotist. Two speech therapists give advice and training for feeding problems in infants and young children and for disorders of speech and language. There is a training unit for incontinent children and in particular for those with spina bifida under the direction of Mrs. Daly, S.R.N.

The Central Remedial Clinic has established a Micro Electronic Resource Centre, (M.E.R.C.) for the care of the severely physically handicapped and non-verbally communicating child. This department which is under the direction of Mr. B. Allen seconded from the Galway Vocational Education Committee, promises exciting developments, particularly in the field of communication for the profoundly handicapped individual. Numerous associations have been established with similar units in the United Kingdom and the United States of America and during the year, two papers from this department were presented at an International Meeting in Goteborg, Sweden. There is a national school on the premises with 160 children enrolled and 13 teachers. The principal is Miss K. Ryan.

There is also a training sheltered workshop with 100 severely handicapped employees with Mr. Michael O'Connor as manager. Much highly skilled work is carried out there, notably in printing and lampshade making.

The day centre caters for the most disabled people attending. During the year, the Central Remedial Clinic in collaboration with the Eastern Health Board and the Parents Association, and with financial assistance from the National Rehabilitation Board, established a day centre in Coolock Health Centre. It is hoped that this will serve as a prototype for similar units to be built elsewhere, based on the community and with a large input of voluntary effort both in running the unit and providing transport.
The Central Remedial Clinic is used for training students from both Dublin Physiotherapy Schools, the College of Occupational Therapy, the School for Remedial Linguistics in Trinity College, Dublin, and by under-graduates and post-graduate teachers from St. Patrick's Training College. The medical students from University College, Dublin, Trinity College, Dublin, and the Royal College of Surgeons, attend regularly as well as social science and psychology students and graduates.

The staff from the Central Remedial Clinic gave lectures at home and abroad during the year. A notable event was the study day held on 19th November, 1983, demonstrating the work carried out in the clinic. The numbers who applied to attend greatly exceeded the numbers that could be catered for and it is envisaged that this will become an annual fixture.

A small conventional physiotherapy department is used for the treatment of patients referred to the medical staff from the Central Remedial Clinic and the Mater Misericordiae Hospital.

Activity Analysis
Physiotherapy

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<td>77,523</td>
<td>77,200</td>
<td>85,947</td>
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<td>In Patients</td>
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<td>Out Patients</td>
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<td>Total Patients</td>
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<td>357</td>
<td>522</td>
<td>498</td>
<td>627</td>
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SCHOOL OF NURSING

Staffing

TUTORS: Sr. M. de Lourdes
Miss P. O'Sullivan
ST. M. Therese Moylan
ST. Nora McCarthy,
ST. M. Eugene,
Miss M. Kilkenny
Miss A. Murray

CLINICAL TEACHERS: Miss R. McCabe
Miss T. Doyle,
Miss N. O'Callaghan
Miss P. Walshe

Scope of Service

The department assists student nurses in the attainment of maximum personal and professional development through a carefully selected curriculum and by progressive education in the art, science and practice of nursing.

Academic Achievements

For the year ending 31st December, 1983, a total of one hundred and sixteen student nurses presented themselves for the registration examinations of An Bord Altranais, one hundred and six were successful, five obtaining honours.

A total of one hundred and three student nurses presented themselves for the Registration Part I State examinations. One hundred and one were successful at first attempt.

The four students who completed the four year integrated course in sick children and general nursing in Our Lady's Hospital, Crumlin, were successful in their State Final Examination.
NOVEMBER 1983 FINALISTS

N.B. ALL STUDENTS ARE PLACED FROM LEFT TO RIGHT IN PICTURE:

FRONT ROW:  M. Hennessy, M. Jones, M. Fox, M. Murphy, A. Metcalfe, M. Bourke, A. Mernagh.


5th ROW:  A. Corry, P. Cleary, M. Byrne, M. Breen, B. Barry, H. Ryan, H. Minogue, M. Kenny, J. Madden, C. Walsh and S. O'Brien.


BACK ROW:  R. Coll, H. Doran, M. Fitzgerald, M. Kilkenny (Tutor), Sr. Nora McCarthy (Tutor), M. O'Halloran and M. Carroll.
N.B. ALL STUDENTS ARE PLACED FROM LEFT TO RIGHT IN PICTURE:


3A BACK ROW: A. Kelly, Sr. Monica, Sr. Nora McCarthy (Tutor), A. Murray (Tutor), P. Sullivan (Tutor), P. Burke and M. Coyne.

Annual Prize-Giving

The annual prize-giving and distribution of certificates took place in the auditorium. The programme was as follows:-

A Mass of thanksgiving was offered in the hospital chapel by Rev. P. Murphy O.S. Cam. Chaplain. Mass was followed by the distribution of prizes and certificates by Mr. Noel Daly, Chief Executive Officer of An Bord Altranais. The Littman Prize was presented by Mr. E. Regan from 3M Ireland Ltd. Professor D. Powell and Sr. M. Lucia Therese, Matron, presided and welcomed the students, parents and friends. Afternoon tea was served in the hospital restaurant.

Secondments

The second year students enjoyed their secondments - for geriatric nursing in St. Mary's Hospital, Phoenix Park, for community care in the health centres and for obstetric experience in the National Maternity Hospital, Holies Street.

Our Lady's Hospital for Sick Children, Crumlin, continues to send their students (four per year) to the Mater Misericordiae Hospital for the general part of their course. Student nurses from St. Vincent's Hospital, Fairview, come to the hospital for experience in general nursing for a period of eight weeks continuously during the year.

Student tutors from University College, Dublin, were seconded for teaching practice and experience in clinical teaching during the Hilary and Michaelmas terms. Miss Nora O'Callaghan, Clinical Teacher, has been seconded to University College, Dublin, to take the Nurse Tutor Diploma Course.

Special Interests

Students went for their annual retreat to All Hallows Retreat Centre. Second year students performed in the concert organised by the Irish Guild of Catholic Nurses.

Visits for students to St. Luke's Hospital, St. Vincent's Hospital, Fairview and to the Central Remedial Clinic, Clontarf, were organised and enjoyed.
A group of third year students attended a two day seminar in the Royal Marine Hotel, Dun Laoghaire, organised by An Bord Altranais and sponsored by Messrs. Fannin & Co.

Topics discussed were: Community care, drug abuse, counselling, and communication.

A group also attended seminars on "Hospital Sepsis update" organised by the Infection Control Nurses' Association and "An Irish/American Emergency Care Symposium" organised by the Accident/Emergency Nurses' Association.

Mr. Noel Daly, newly appointed Chief Executive Officer of An Bord Altranais visited the School of Nursing informally during the year.

The school is sorry to lose Sr. M. John Berchmans who has been the Matron for eleven years. However, the new Matron, Sr. M. Lucia Therese, is no stranger, having taught as Tutor in the school for many years.

Nurses have been invited by the Faculty of Nursing to participate in a historical pageant to mark the bi-centenary of the Royal College of Surgeons in Ireland 1984. Seven third year student nurses submitted a project to the Faculty of Nursing. This was titled "The Samaritans, you've got a friend". It describes the birth, development and growth of the organisation, and it's influence on society to-day in Ireland.

Research

The only way to generate, refine or enlarge the knowledge needed by nursing is through scientific research and the use of research findings in practise.

J.A. Fawcett
Journal of Nursing Administration 1980.

To implement this the Mater College of Research and Post Graduate Education awarded a grant to Miss P. Walshe, Clinical Teacher, to research "Patients' attitude to nursing care". This will commence in January, 1984. The school is particularly pleased to have obtained this opportunity and is grateful to the Mater College for making it possible.

Miss R. Murnane, staff nurse, St. Agatha's Ward, has joined the staff to substitute for Miss P. Walsh for six months.
Conferences/Seminars/Courses

The tutorial staff of the School of Nursing was represented at the following during 1983:-

1. The summer school - St. Patrick’s College, Maynooth, organised by the Association of Nurse Teachers:-
   **Topics** - Legal aspects of nursing.
   - Counselling.
   - Curriculum development.

2. The Seminar of Annual General Meeting of the Irish Nurses’ Organisation:-
   **Topics** - The role of the nurse in budgeting within the health service.
   - Drug abuse in society.

3. A seminar organised by An Bord Altranais on "The Nursing Process".

4. A seminar on "Care of the dying".
   Gort Muire, Dundrum. March 12th - 14th 1983.

Courses

- Research appreciation.
  Rathmines College.

- Research methodology.
  Royal College of Surgeons in Ireland.

- Pathology.
  Royal College of Surgeons in Ireland.

Members of the tutorial staff continue to take diploma courses at the Faculty of Nursing, Royal College of Surgeons, and were successful at examinations held in 1983.
ST. PAUL'S HOSPITAL AND SPECIAL SCHOOL
FOR AUTISTIC AND EMOTIONALLY DISTURBED
CHILDREN, BEAUMONT, DUBLIN 9.

Staffing

**MEDICAL DIRECTOR:** Dr. P. McQuaid

**MATRON/ADMINISTRATOR:** Mrs. M. Jefferies.

**CLINICAL PSYCHOLOGISTS:** Miss P. Kasteel (Principal)
Miss F. Smyth

**SPEECH THERAPISTS:** Sr. Joseph Teresa (Senior)
Miss M. Shiels (4 Sessions)

**SOCIAL WORKER:** Miss M. Duff P.S.W.

**SCHOOL PRINCIPAL:** Mrs. E. Lyng

**GENERAL PRACTITIONER:** Dr. M. Malone

**PSYCHIATRIC REGISTRAR:** 1

**STAFF NURSES:** 10

**TEACHERS:** 7

**NURSING AIDES:** 14

**PLAY THERAPISTS:** 2

**HOUSE PARENTS:** (Adolescent Hostel)

**ADMIN. ASSISTANT:**

**GRADE II CLERK TYPIST:**

**COOK:**

**DOMESTICS:**

HONORARY CONSULTANT STAFF:

Dr. C.J. Barry
Prof. N.V. O'Donohoe
Mr. P. Eustace
Dr. D. Kennedy
Dr. B. Stokes
Scope of Service

This service, which was established in 1970, has a resident population of twenty seven children and seven adolescent young people who reside in an adjacent hostel. In addition, twenty eight children attend from the north city and county Dublin catchment area which is the responsibility of the Department of Child and Family Psychiatry of the Mater Misericordiae Hospital.

The assessment facility is multi-disciplinary and comprehensive. It usually requires three days for completion of assessment, with residence of the child in St. Paul's. Local provision is made for the parents who attend on a daily basis to participate in the assessment process. Following full investigation, which may include neurological, special sensorial investigation, blood tests, E.E.G. and x-ray examinations, the parents are given a descriptive and diagnostic report as part of the final diagnostic process. A decision is then taken with the parents as to the most appropriate arrangements for the child, in conjunction with the services provided at St. Paul's. Contact is then made with the referring agent. Follow up genetic counselling is regularly preferred.

Long stay residential treatment may be required for a small number of children, most of whom reside outside the Eastern Health Board area. Many of these children are significantly handicapped, either intellectually, neurologically, sensorially, educationally etc. Some of the children require institutional support and care for life, while others can be rehabilitated to take their place in the community. The majority continue to require some type of special education and care as well as treatment and training for the remainder of their lives. This function is usually handed to some other service agency when the children reach sixteen years of age. In the case of more severely handicapped children, transfer is effected at twelve years.

Development

The adolescent unit has moved to a small semi-detached house in Santry. This marks a dramatic and significant change in the status and orientation of the hospital after-care programme. The adolescents concerned have continued to show capacities which were not previously expected and increasing ability to integrate into the school and social community in the area.
Developments

In service training for staff continues and staff find this of great benefit, also one of the nursing aides is attending the child care course in Cathal Brugha Street, Dublin.

St. Paul's Special School

St. Paul's Special School provides education for approximately fifty five children. Twenty seven are day children, the remainder are resident either in St. Paul's Hospital or in the adolescent hostel. Plans for an extension of the school building to provide extra classrooms are with the Office of Public Works.

St. Paul's School is administered by a Board of Management under the Department of Education.

Teaching

This continues to be an important aspect of the programme and graduate students in medicine, psychology, child care, speech and language therapy continue to be provided for in the context of the assessment and treatment of the population of the hospital. Lecturing and training of other services staff concerned with mentally handicapped and disturbed children is provided by senior members of the consultant staff of the hospital, e.g., Limerick services for the mentally handicapped, Cork post graduate training programme in psychiatry etc.
DEPARTMENT OF SURGERY

Professorial Unit

Staffing

CONSULTANT PROFESSOR: Mr. E. O'Malley

CONSULTANT LECTURER: Mr. T.P. Corrigan

NON-CONSULTANT HOSPITAL DOCTORS:

Surgical Tutor
1 Senior House Officer
3 Interns

Scope of Service

Professor E. O'Malley
1. Thoracic and cardiac surgery.
2. General and thoracic outpatient clinic
   Thursday 9.30 a.m. - 12.30 p.m.
3. Accident and emergency cover.

Mr. T. Corrigan
1. Peripheral vascular surgery.
2. General surgery.
3. Accident and emergency cover.

Special Interests

Professor E. O'Malley
1. Cardiac and thoracic surgery.
2. Surgical nutrition.
3. Surgical immunology.
4. Multiple trauma.
Mr. T. Corrigan
1. Carotid artery surgery.
2. Venous thromboembolism.
3. The diabetic foot.

Out Patient Clinics

Professor E. O'Malley Thursday 9.00 a.m.
Mr. T. Corrigan Thursday 2.00 p.m.

SURGERY

Staffing

CONSULTANT: Mr. S.J. Heffernan

NON-CONSULTANT 1 Senior Registrar
HOSPITAL DOCTORS: "1 Senior House Officer
2 Interns

Special Interests

1. Peptic ulcer surgery.
2. Thyroid and parathyroid surgery.
4. Fine needle aspiration thyroid biopsy.
5. Segmental mastectomy for breast cancer.

Past President and Member of Council, Irish Society of Gastroenterology.
Member of Council, Royal College of Surgeons in Ireland.
Past examiner to the Royal College of Surgeons in Ireland for Primary and Final Fellowship Examinations.
Fellow of The American College of Surgeons.

Presentations

1. Blunt and penetrating abdominal injuries.
P. Mullen, J.P. Duignan, S.J. Heffernan.
Mater Misericordiae Hospital Annual Research Symposium.

Irish Society of Gastroenterology. ., en
3. Mesotheliona of the peritoneum.
S.J. Hefferaan, D. Magee, D. Mehigan, T. Hanrahan.
Royal Academy of Medicine in Ireland.

4. The value of fluorescence in defining viable intestine at operation in patients with massive small bowel ischaemia (M.S.B.I.)
Journal of College of Physicians and Surgeons.

5. Common bile duct flow studies.
F. Gorey, S.J. Heffernan.
Freyer symposium, Galway. October, 1983.

Gastroenterology update workshop.
St. Vincent's Hospital, Fairview, Dublin 3.

7. Long term follow-up of hyperthyroid patients treated by subtotal thyroidectomy.
D.D. Sugrue, M.I. Drury, M. McEvoy, S.J. Heffernan and E. O'Malley
British Journal of Surgery. Vol. 70; No. 7: 408 - 411

T.F. Gorey, F. Lennon, S.J. Heffernan.

Out Patient Clinics

Soft Tissue: Monday 12.00 noon - 1.00 p.m.
General Surgical: Tuesday 9.30 a.m. - 1.30 p.m.

SURGERY

Staffing

CONSULTANT: Mr. W.P. Hederman

NON-CONSULTANT
HOSPITAL DOCTORS: 1 Senior Registrar
1 Senior House Officer
2 Interns

Scope of Service

General surgery, peripheral vascular surgery, both arterial and venous and emergency take on rota.
Presentations


Research


Meetings Attended


Out Patient Clinics

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<th>Day</th>
<th>Time</th>
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<td>Wednesday</td>
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<td>Varicose Veins</td>
<td>Wednesday</td>
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Surgery

Staffing

CONSULTANT: Mr. F.X. O'Connell

NON-CONSULTANT
HOSPITAL DOCTORS:
1 Senior Registrar
1 Senior House Officer
2 Interns

Scope of Service

General surgery with the following speciality interests:
1. Hepato biliary/pancreatic surgery.
2. Endocrine tumours of the G.I. tract.
3. Inflammatory bowel disease.
4. Diseases of the breast.

Operating sessions: Tuesday and Thursday.
Accident/emergency service: Two day in ten.
Surgical conference presentations: Tuesday 5.00 p.m.
Undergraduate teaching class: Wednesday 9.00 a.m.
Out Patient Clinic: Friday 9.30 a.m. - 12.30 p.m.

Meetings Attended

Mr. O'Connell

1. International Society of Surgery.
   Hamburg and Mannheim - September, 1983.
2. Surgical Travellers Club.
   Vienna - April, 1984.
3. Surgical Section, Royal Academy of Medicine.
4. Post Graduate Workshop, Royal College of Surgeons in Ireland.
   November, 1983.
   Papers delivered: "Surgical Management of Pancreatic Tumours'
Mr. O.J. Traynor

   Paper: "Histochemical changes in colonic mucus in malignancy".


   Paper: "The effect of vagotomy on gallbladder motility".


7. Post Graduate Workshop, Royal College of Surgeons in Ireland - November 1983.

Papers


2. Cryotherapy for advanced haemorrhoids.

3. Relationship of gallbladder motility to fasting and postprandial bile flow into the duodenum.
### Activity Analysis

#### Theatres

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**Cardiac Surgery**

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<td>Open Heart Surgery</td>
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<td>Thoracic</td>
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**Gynaecology**

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<td>Plaster of Paris</td>
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<td>511</td>
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**TOTAL MAJOR**

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<td>TOTAL</td>
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<td>8,624</td>
<td>8,966</td>
<td>9,266</td>
<td>9,378</td>
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**TOTAL MINOR**

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<td>TOTAL</td>
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<td>3,680</td>
<td>4,150</td>
<td>4,524</td>
<td>4,462</td>
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UROLOGICAL DEPARTMENT

Staffing

CONSULTANT:  Mr. J.M. Smith

NON-CONSULTANT

1 Senior House Officer (Shared)

HOSPITAL DOCTORS:  1 Intern

Scope of Service

The urological department gives full clinical and surgical facilities to the hospital. The number of procedures continues to increase each year. The department has now acquired a complete percutaneous nephrolithotomy unit, and it is hoped that this will facilitate many patients and avoid open surgery. Uro-dynamic investigation is limited at the moment to mainly research commitments, but it is hoped in the coming year that a full clinical uro-dynamic service will be established. Over eight hundred surgical operations were performed in 1983, and for the second year in succession there were no operative or post operative deaths in the unit.- Mr. Smith attended the British Association of Urological Surgeons meeting in Harrogate, in June 1983 and the Irish Society of Urology meeting in Belfast in May, 1983.

Special Interests

Surgical oncology.

Reconstructive urological surgery.

Renal stone surgery.

Research

1. A prospective study in the evaluation of radical surgery and chemotherapy in non-seminomatous testicular tumour - surgical oncology.

2. Radical trans-pubic prostatectomy in localised prostatic cancer.

3. The role of radiological modalities in presentation diagnosis, and staging, of renal cell carcinoma as assessed by surgical staging.

4. The investigation of lower urinary tract dysfunction pre and post pelvic surgery Uro-dynamics.

Conference/Meetings

Nephro-urological meeting Mondays 1.00 p.m.
Surgical-urological meeting Tuesdays 5.00 p.m.

Presentations and Publications

1. A proposal for the management of testicular tumours.
   J.M. Smith, D. Kelly et al.

   J.M. Smith.
   Charriere Urological Club, Manchester. April, 1983.

3. Radical prostatectomy in the management of localised prostatic cancer.
   J.M. Smith.

4. Experience with surgery and chemotherapy in non-seminomatous testicular tumour.
   J.M. Smith.
   Surgical section of Royal Academy of Medicine, Dublin. December, 1983.

   J.M. Smith.
   Study day, Mater Misericordiae Hospital. December, 1983.

6. Urethral strictures following cardiac surgery.
   Accepted for publication - British Journal of Urology.

7. Urinary undiversion.
   J.M. Smith, D. Kelly, F. Duff, E. Guiney.
   In press - British Journal of Urology.

8. Radical prostatectomy in the management of localised prostatic cancer.
   J.M. Smith.
   Accepted for publication - British Journal of Urology.

9. Renal extravasation due to chronic urinary retention.
   J.M. Smith, N. Buckley.
   Accepted for publication - Journal of Urology.

10. An approach to the patient with lower urinary tract symptoms.
    J.M. Smith.
    Mater Misericordiae Hospital.
    General Practitioner Refresher Course, October, 1983.

Out Patient Clinics

Monday 9.00 a.m. - 12.00 noon.
Friday 2.00 p.m. - 5.00 p.m.
PUBLICATIONS, PAPERS
PRESENTATIONS, COMMUNICATIONS
BY HOSPITAL STAFF
Accident/Emergency Department

Publications:
Sports injuries and the casualty department.
P. Burke, N. Buckley, D. McShane, P. O'Connor.

Adult Psychiatry Department

Publications:

(1) 'Male Anorexia Nervosa' : A review of nine patients.

Anaesthetic Department

Papers and Lectures:

1. Lecture to the Singapore Anaesthetic Society on intra-dural morphine in cardiac surgery.
   J.R. McCarthy.

2. Symposium on Midazolam, Dublin.
   Chairman - J.R. McCarthy.

   D. Moriarty.

4. Paper on Haemodilution, Mount Sinai Hospital, New York, United States of America.
   D. Moriarty.

5. Myocardial Ischaemia during Anaesthesia, to the Annual Scientific Meeting of the Faculty of Anaesthetists, Dublin - May, 1983.
   R. MacSullivan.

   W.P. Blunnie.

Publications:

   D. Calthorpe, B.A. Finegan, D.C. Moriarty, M.C. Neligan.

2. Autotransfusion - a brief review.
   B.A. Finegan, D.A.D. Calthorpe, D.C. Moriarty.

   B.A. Finegan, D.C. Moriarty.

4. Cardiovascular and biochemical evidence of stress during major surgery associated with different techniques of anaesthesia.
   W.P. Blunnie et al.

5. Acute upper airway obstruction following sublingual haematoma.
Cardiac Medicine Department

Publications:

1. Nifedipine in the locatment of hypertension.

2. Valve replacement for aortic valve disease.
   M. Flanagan, M. Kirwan, S. Blake, T.B. Counihan, P. McCann, C. McCarthy,

   P. Blake, S. Blake, D. Mac Donald.

4. The effect of posture on cardiac output in late pregnancy complicated by
   pericardial constriction.
   S. Blake, S.F. Bonar, C. McCarthy, D. MacDonald.

5. Aetiology of constrictive pericarditis.

6. The diagnosis and treatment of constrictive pericarditis.
   M.I. Drury, P. Hanly, S. Blake, E. O'Malley, M. Neligan, C. McCarthy, J.

   S. Blake.

8. Cardiac constriction due to malignant disease of the pericardium.
   M. Kirwan, S. Blake, M. Neligan, E. O'Ma'ey, A. Bergin, S.F. Bonar, M.
   Flanagan, J. Garrett, B. Griffin, D. Whelan.

9. Management of the failing heart.
   S. Blake.

Department of Child and Family Psychiatry

Publications:

(1) Hysterical cough in childhood - a case report.
   Dr. N. Sheppard and Dr. P. McQuaid.

(2) 'Parents Under Stress*.
   S. Scanlon.
   AIM magazine, ASTI magazine and Dutch magazine.

Speech Therapy

(1) Adult stammering - Group therapy.
   Irish Association of Speech Therapists Journal.
Dermatology Department

Publications:

   S. O'Loughlin.

   S. O'Loughlin.

3. Histiocytosis X with pulmonary and cutaneous manifestations in an elderly woman.

Accepted for Publication

1. Cicatricial trichoepithelioma, first reported familial cases.
   S. O'Loughlin, P. Dervan, M. O'Hegarty, T. Corrigan.
   American Journal of Dermatopathology.

Submitted for Publication

1. Abnormal glucose tolerance, decreased circulating T cells, and HLA profile in twenty five hidradenitis suppurativa patients.

   S. O'Loughlin, R. Woods, D. Merlehan, J. Kirrane.

3. Aspects of humoral immunity in thirty hidradenitis suppurativa patients pre and post treatment.
   S. O'Loughlin, R. Woods, C. Martin, J. Kirrane.

4. Direct immunofluorescence of normal skin in fifty rheumatoid arthritis patients.
   O. Fitzgerald, L. Barnes, R. Woods, C. McHugh, C. Barry, S. O'Loughlin.

5. Direct immunofluorescence in lesional and uninvolved skin in fifty psoriasis patients.
   L. Barnes, S. O'Loughlin, R. Woods, J. Kirrane.

6. The incidence of psoriatic arthopathy in a psoriasis clinic - a clinical, radiologic and immunologic study of one hundred consecutive patients.

7. Lymphocyte subsets in twenty acne vulgaris patients, pre and post therapy - a correlation with clinical severity.
   S. O'Loughlin, R. Woods, C. Coyle, J. Kirrane.

8. Humoral immunity studies in twenty acne vulgaris patients, pre and post therapy.
   S. O'Loughlin, R. Woods, D. Merlehan, J. Kirrane.
9. B lymphocyte studies in forty five acne vulgaris patients - correlation with clinical severity.
   A. Byrne, S. O’Loughlin, R. Woods, J. Kirrane.

10. Rheumatoid factor determination by nephelometry.

11. Two hundred pruritus ani patients - a clinical and sigmoidoscopic study.
    S. O’Loughlin, A.B. Clery.


13. Cutaneous lobular neuromyxoma.
    S. O’Loughlin, P. Dervan, M. O’Hegerty.


15. Subacute annular lupus - a recently recognised common variant of SLE - a report of three cases.

16. Secondary lues with hepatic involvement.

17. Penicillamine induced pemphigus foliaceus - a case report.

18. Acromegaly presenting as cutis verticis gyrata.

Endocrine/Diabetes Department

Lectures by Invitation:


M.I. Drury

(a) Elected to Educational Committee of the European Association for Study of Diabetes.

(b) Appointed member of Advisory Editorial Board of the journal 'Diabetologia'. (Berlin).

Publications:


4. Diabetic stiff hand syndrome.

5. A review of ultrasound and isotope scanning in the pre-operative diagnosis of thyroid swellings. ABSTRACT
Proceedings of meeting of Irish Endocrine Society, October, 1982.

M.P. Beggan, M.I. Drury.

7. Diabetes Mellitus - Diagnosis and classification.


9. Antibody responses following change-over to mixed species (porcine/bovine) insulin.

10. A controlled study of prolonged treatment with semi-synthetic human insulin.

In Press:

Editor, Dr. Arun Baksi, Isle of Wight.

M.I. Drury.
Diabetic Medicine, Scotland.

Clinical and Experimental Obstetrics and Gynaecology, Italy.

M.I. Drury, J. Stronge.
Irish Journal Medical Science.

5. Diabetes in pregnancy - chapter.
M.I. Drury.
Endocrine/Metabolic Unit

Publications:

BOOKS

P. Skrabanek, D. Powell.

2. Substance P - Dublin 1983.
P. Skrabanek, D. Powell.

ARTICLES AND ABSTRACTS

1. Heterogeneous molecular forms of circulating substance P.
A. Balfe, P. Skrabanek, D. Powell.
Irish Journal of Medical Science 152, Supplement 1, 12-13, 1983

2. Heterogeneous molecular forms of circulating substance P. In: Substance P -
Dublin, 1983.
A. Balfe, P. Skrabanek, D. Powell.

3. Sex chromosome anomalies at an endocrine clinic.
F. O'Connell, P. Skrabanek, D. Powell.

4. Substance P in obstetrics and gynaecology.
P. Skrabanek, D. Powell.

P. Skrabanek.

6. Gluten in schizophrenia. Editorial.
P. Skrabanek.

P. Skrabanek.
Lancet ii, 1198, 1983.

P. Skrabanek.

9. How to read Japanese medical journals.
P. Skrabanek.

10. Notes towards the history of anorexia nervosa.
P. Skrabanek.
Janus - Revue internationale de l'histoire des sciences, de la medicine, de la
pharmacie et de la technique 70, 109-128, 1983.

11. The hypodipsia-hypernatraemia syndrome presenting with obesity.
D. Powell, M. Codd, P. Skrabanek, E. Tempany.
Irish Journal of Medical Science 152, 357-359, 1983.
12. The measurement of substance P in human aqueous.
F. O'Donohoe, P. Eustace, A. Balfe, P. Skrabanek.
Irish Journal of Medical Science 152, 293, 1983.

D. O'Keeffe, D. Dowsett, D. Powell, J.T. Ennis.
International Symposium of Bone and Mineral Metabolism. Detroit, May 1983

14. Thin bones (Osteoporosis) and hormones.
D. Powell, D. O'Keeffe.

15. The Radiological Investigation of Osteopenia.
C. Collum, D. O'Keeffe, D.J. Dowsett, J.T. Ennis.
Irish Journal of Medical Science, 152; 30-33, 1983.

16. Plasma prolactin concentrations following epileptic and pseudoseizures.

17. A radioimmunoassay for anti-sperm antibodies using 1 labelled Protein A.

D. Powell, J. Garvey, D. MacDonald, M. Turner, M. Meagher, M. Coughlan, E.
de Valera, P.A. MacBride.
XI World Congress on Fertility and Sterility. Dublin, June 26th 1983.

E.N.T. Department

Lectures:
A course of lectures was given for students studying for the Diploma for Teachers of the Deaf.

A post-graduate registrar training scheme is in operation under the guidance of a committee on which there are representatives from the Royal College of Surgeons and the Department of Health. The Mater Misericordiae Hospital's E.N.T. department is part of the rotation scheme and lectures are given frequently by the staff.

Undergraduates of University College Dublin are given lectures and classes twice a week during Hilary Term.

Geriatric Medicine Department

Lectures:

Three per year to undergraduate students.
Twenty-four per year to undergraduate student nurses.
One lecture to non-consultant hospital doctors: "The Management of Confusional States".
General Medical Unit
(with interest in Liver Disease)

Papers:

Acquired immuno deficiency syndrome with Kaposi’s sarcoma in Ireland.  
F. O’Keeffe, H.T. Barniville, B. Otridge, W. Powderly, B. Alton, P. Dervan.  
Irish Journal of Medical Science.

Gynaecology Department

Lecture:


Publications:

1. "A Radio-Immuno Assay for anti-sperm anti-bodies, using 125. labelled  
   Protein A".  

2. "Causes and management of infertility in 508 Irish couples".  
   D. Powell, J. Garvey, D. MacDonald, M. Turner, D. Meagher, B.M. Coughlan,  
   E. de Valera, P.M. McBride.  

Infection Control Committee

Publications/Communications:

1. The role of the Infection Control Nurse.  
   R. Ruddy.  
   The World of Irish Nursing 12, 9-10, 1983.

2. Decontamination of heat sensitive equipment.  
   R. Ruddy.  
   Hospital Sepsis Update. Infection Control Nurses Association Conference,  
   Mater Misericordiae Hospital, 14th October, 1983.

3. The emergence of methicillin resistant/gentamicin resistant staphylococcus  
   aureus in a surgical unit.  
   R. Hone.  
Communications:

Dr. J. Donohoe

1. Mater Misericordiae Hospital Nurses' Graduation Address, Freeman Auditorium, Mater Misericordiae Hospital - January, 1983.


8. Intravenous fluid therapy. Moving Points in Medicine, Royal College of Physicians Ireland, October 1983.


Recent Publications:


Neurology Department

Communications:
Malignant neuroleptic syndrome.
P. Finucane and S.F. Murphy.

Publications:

1. That routine lumbar puncture.
   S.F. Murphy.

2. Lumbosacral neuropathy and venous thrombosis complicating sacroiliitis.
   O. Fitzgerald and S.F. Murphy.

Ophthalmology Department

Recent Publications:

1. An unusual case of ophthalmoplegia.
   P. Logan, P. Condon and P. Eustace.
   Irish Journal of Medical Science.

2. Laser Trabeculoplasty in the pseudo exfoliation syndrome.
   P. Logan and P. Eustace.
   Trans Ophthalmic Ophthalmological Society of the United Kingdom (in press).

3. Substance P after laser iridotomy.
   F. O'Donohoe and P. Eustace.

4. Tonic pupil after dental anaesthesia.
   M. O'Connor and P. Eustace.

5. Substance P in human aqueous.
   P. Eustace, F. O'Donohoe, and P. Dwyer Joyce.
   Glaucoma Group, Moorfields, November 1983.

6. Intrasheath myotomy of the inferior oblique muscle.
   P. Eustace and M. Bourke.

7. Laser treatment in diabetic retinopathy.
   Trans Ophthalmic Ophthalmological Society of the United Kingdom, 102, 468 - 70.
   Mr. H. O'Donoghue.

8. Importance of trenon's capsule in squint surgery.
   Mr. H. O'Donoghue.
   Trans Ophthalmic Ophthalmological Society of the United Kingdom, 102, 492 - 4.

   Mr. H. O'Donoghue.
   Irish Journal of Medical Science. -| y <|
10. Adviser for the chapter on eye diseases in the book "Medicine International".
    Mr. H. O'Donoghue.

    Mr. R. Bo well.
    Irish Faculty of Ophthalmology Annual Conference.

    Mr. R. Bo well.
    Irish Faculty of Ophthalmology Annual Conference.

Orthopaedic Department

Papers:
1. Chemonucleolysis and disc prolapse.
    M. Stephens, F. McManus.
    Irish Orthopaedic Club. Spring Meeting - Kilkenny.

2. Harrington instrumentation and spinal fractures.
    R. Moran, F. McManus.
    Irish Orthopaedic Club. Autumn Meeting - Crumlin.

Publications:
    H. Smith, J. Gallagher, F. McManus.
    Irish Medical Journal 76. 1. 25.

2. Arthroscopic meniscectomy.
    Irish Medical Journal 76. 8. 351.

3. Lower limb abnormality and spinal duspaphism.
    Irish Medical Journal 76. 9. 385.

4. Discitis - Irritable back of childhood.
    T. O'Brien, F. McManus.
    Irish Journal of Medical Science 152. 11. 404.
Pathology Department

Publications, Papers, Communications:

Biochemistry:
1. A relatively simple routine HPLC assay for 5HIAA and VMA simultaneously.
   S. Maguire.
2. Glycosylated plasma protein and HbAl levels in Diabetes Mellitus: An accurate measure of glycaemic control?
   M. O’Connell, M.I. Drury.
   P. McGing.
4. Freeze Drying technique for faecal fat analysis.
   T.W. O’Callaghan, J. McCann, S. Maguire, M.A. Morgan, J. Crowe - Mater Misericordiae Hospital, and University College, Dublin.

Endocrinology:

BOOKS
   P. Skrabanek, D. Powell.
2. Substance P - Dublin 1983.
   P. Skrabanek, D. Powell.

ARTICLES AND ABSTRACTS
1. Heterogeneous molecular forms of circulating substance P.
   A. Ballfe, P. Skrabanek, D. Powell.
   Irish Journal of Medical Science 152, Supplement 1, 12-13, 1983
   A. Ballfe, P. Skrabanek, D. Powell.
3. Sex chromosome anomalies at an endocrine clinic.
   F. O’Connell, P. Skrabanek, D. Powell.
4. Substance P in obstetrics and gynaecology.
   P. Skrabanek, D. Powell.
P. Skrabanek. 

6. Gluten in schizophrenia. Editorial. 
P. Skrabanek. 

P. Skrabanek. 
Lancet i, 1198, 1983.

P. Skrabanek. 

9. How to read Japanese medical journals. 
P. Skrabanek. 

10. Notes towards the history of anorexia nervosa. 
P. Skrabanek. 

11. The hypodipsia-hypernatraemia syndrome presenting with obesity. 
D. Powell, M. Codd, P. Skrabanek, E. Tempany. 
Irish Journal of Medical Science 152, 357-359, 1983.

12. The measurement of substance P in human aqueous. 
F. O'Donohoe, P. Eustace, A. Balfe, P. Skrabanek. 
Irish Journal of Medical Science 152, 293, 1983.

D. O'Keeffe, D. Dowsett, D. Powell, J.T. Ennis. 

14. Thin bones (Osteoporosis) and hormones. 
D. Powell, D. O'Keeffe. 

15. The Radiological Investigation of Osteopenia. 
C. Collum, D. O'Keeffe, D.J. Dowsett, J.T. Ennis. 
Irish Journal of Medical Science, 152; 30-33, 1983.

16. Plasma prolactin concentrations following epileptic and pseudoseizures. 

17. A radioimmunoassay for anti-sperm antibodies using 1 labelled Protein A. 

XI World Congress on Fertility and Sterility. Dublin, June 26th 1983.
Histopathology:

1. Acquired immunodeficiency syndrome in Ireland.
   F.N. O’Keeffe, H.T. Barniville, B. Otridge, W. Powderly, B. Alton, P. Dervan.

2. Solitary familial desmoplastic trichoepithelidma. A study by conventional and electron microscopy.
   P. Dervan, M. O'Hegarty, S. O'Loughlin, T. Corrigan.
   The American Journal of Dermatopathology. (In press)

   P. Dervan.
   American Journal of Clinical Pathology, (in press).

4. Hyperinsulinism associated with pleomorphic pancreatic tumour - carcinoid or carcinoma?
   D.S. O'Briain, P. Dervan, J. Kennedy.

5. Amyloid neuropathy.
   P. Dervan, H. Staunton, P. Kelly.

   P. Dervan.

7. The histopathology of AIDS associated lesions.
   P. Dervan.

8. Hyperinsulinism associated with pleomorphic pancreatic tumour - carcinoid or carcinoma?
   P. Dervan, D.S. O'Briain, J. Kennedy.

   P. Dervan, H. Staunton, P. Kelly.

Immunology:

1. Laboratory evaluation of acquired immune deficiency syndrome. (Lecture)
   B. Woods.
   Academy of Medical Laboratory Sciences.

2. Immunological derangements in AIDS. (Paper)
   J.A. Kirrane.
   Royal Academy of Medicine in Ireland. (Pathology section).

3. Immunological aspects of S.L.E. (Lecture)
   J.A. Kirrane.
   Intensive postgraduate course in medicine. Mater Misericordiae Hospital programme.
Microbiology:

Lectures:

1. Faecal carriage of Clostridium difficile in a hospitalised population.  
   M. O'Connor, D. Phelan, R. Hone.  
   Royal Academy of Medicine in Ireland. Pathology section. Royal College of Physicians, Dublin. 2nd February, 1983.

2. Aztreonam versus netilmicin for treatment of patients with serious urinary tract infections.  
   J. Hollingsworth, R. Hone, J. Donohoe.  

3. Urinary tract infections - immunological aspects.  
   R. Hone.  
   Institute of Medical Laboratory Sciences, Triennial Conference, Stirling, Scotland. September, 1983.

   J. Hollingsworth, J. Donohoe, P. Keelan, R. Hone.  

5. Rational use of antibiotics.  
   R. Hone.  

6. Recent developments in infections: diagnostic problems.  
   R. Hone.  
   Mater Misericordiae Hospital. Study day conference. 10th December, 1983.

7. Microbiological background - clinical usage of cefotaxime.  
   R. Hone.  
   Limerick Regional Hospital, clinical meeting. 3rd November, 1983.

8. Microbiology of infertility.  
   R. Hone.  

Publications:

1. Tuberculosis.  
   A. Foley-Nolan, R. Hone.  

2. Comparative clinical trial of sulbactam and ampicillin with gentamicin and metronidazole in the management of severe abdominal sepsis.  
   J. Duignan, M. Power O'Daly, A. Murray, R. Hone.  
Department of Radiology

Publications


Presentations at Scientific Meetings:


13. The radiological investigation of osteopenia. Annual Scientific Meeting of the Faculty of Radiologists, Royal College of Surgeons in Ireland. October, 1983. C. Collum, J.T. Ennis.


Papers in Preparation:


5. Placental transfer of activity following injection of technetium labelled MAA. L.A. Malone, J.T. Ennis.


Respiratory Medicine Department

Communications:
Dr. P. Keelan:

1. Mixed collagen disease. 
   Inter Hospitals Thoracic Conference (jointly). January, 1983.

2. Regional response to bronchodilator aerosols. 
   Immogean scientific meeting, Faculty of Radiologists, Royal College of 
   Surgeons. - (jointly)

   Post Graduate Medical Course, University College, Dublin. March, 1983.

4. Embolic lung disease. 
   Symposium on recent advances in respiratory diseases, Royal College of 
   Physicians, Ireland. April, 1983.


6. Immuno deficiency in asthma. 

Dr. W.D. Linehan:


Recent Publications:
Dr. P. Keelan:

1. Aztreonam in respiratory and urinary tract infection - (jointly) 
   Journal of clinical microbiology (in press).

2. Comparative trial of Budesonide and Beclomethasone Dipropionate - (jointly) 
   Irish Medical Journal (in press).

3. Cefotaxime in the management of acute lower respiratory tract infection - 
   (jointly). 

4. Of Pickwick and Ondine. 

5. Sarcoidosis amongst the Irish. 


7. A multiple dose response study of clenbuterol in bronchial asthma (jointly) 


Dr. W.D. Linehan:

Pamphlet series for Irish Asthma Society. 1 80
Rheumatology and Rehabilitation Department

Publications:

1. Chapter on skin conditions - Cash's textbook of general medical and surgical conditions for physiotherapists.
   Edited by P.A. Downie, B.V. Jones.

2. "Comparison of patterns of locomotion in normal children and in children with cerebral palsy".

3. "Role of the reflex response of knee musculature during the swing phase of walking in man".
   M. Garrett, R.G. Luckwill.

Students Research Symposium

Medical Papers

Chairman: Professor T.B. Counihan

1. Freeze-drying technique for faecal fat analysis.
   J. McCann, T. O'Callaghan, J. Crowe.

2. The value of sputum cytology in the diagnosis of carcinoma of the lung.
   S. Meehan, F. Jackson, P. Keelan.

   K. Foley, P. Dervan.

4. Digoxin binding in human myocardial tissue preparations.
   T. Taylor, M. Ryan, M.S. Laher, T.B. Counihan.

5. Busulphan lung.
   E. Keelan, P. Twomey, F. Jackson, B. Otridge.

Surgical Papers

Chairman: Professor E. O'Malley

1. The intra-aortic balloon pump: a five year study.
   D. Corcoran, E. McGovern, M. Neligan, J.P. Duignan.


3. A retrospective study of Colles' fractures.

   M. Cosgrave, T.P. Corrigan.

5. A new approach to the assessment of neutrophil chemotaxis.
Poster Session

A retrospective study of acute pancreatitis.
M. Rhatigan, J.P. Duignan, S.J. Heffernan.

A review of renal tumours.
F. Hickey, J. Smith.

Symptoms and signs of carcinoma of the oesophagus and gastric cardia.
B. Morrissey, J.P. Duignan, E. O'Malley.

Incidence of anergy in a surgical population and its significance.

Antibiotic use in surgical patients.

Computer programming in clinical medicine and surgery.
W. Gaine, D. Tyrrell, W. Conway.

A prospective study of the effects of paravertebral block.
J. Mulroy, W. Hederman.

Interactions between diuretics and non-steroidal anti-inflammatory agents.
H. Mullen, M.S. Laher.

Anaesthetic project.
E. Burke, W. Blunnie.

Premature ovarian failure.
M. Comiskey, D. Powell, P. Skrabanek.

Diuretic therapy in the nephrotic syndrome with refractory oedema.
C. Farren, M.S. Laher, J.F. Donohoe.

A study of macrocytosis in a hospital population.
K. Morris, T.B. Counihan, B. Otridge, G. <~ox, T. McDonnell.

Assessment and management of hypertension in the elderly.
P. Gallagher, M.S. Laher, T.B. Counihan.

Effect of digoxin on left ventricular ejection fraction in elderly subjects.
N. Ryan, M.S. Laher, T.B. Counihan, C. Collum, J. Ennis.

Hypoglycaemia.
V. Parsons, P. Skrabanek, D. Powell.
Urological Department

Presentations and Publications:

1. A proposal for the management of testicular tumours.
   J.M. Smith, D. Kelly et al.

   J.M. Smith.
   Charriere Urological Club, Manchester. April, 1983.

3. Radical prostatectomy in the management of localised prostatic cancer.
   J.M. Smith.

4. Experience with surgery and chemotherapy in non-seminomatous testicular tumour.
   J.M. Smith.
   Surgical section of Royal Academy of Medicine, Dublin. December, 1983.

   J.M. Smith.
   Study day, Mater Misericordiae Hospital. December, 1983.

6. Urethral strictures following cardiac surgery.
   Accepted for publication - British Journal of Urology.

7. Urinary undiversion.
   J.M. Smith, D. Kelly, F. Duff, E. Guiney.
   In press - British Journal of Urology.

8. Radical prostatectomy in the management of localised prostatic cancer.
   J.M. Smith.
   Accepted for publication - British Journal of Urology.

9. Renal extravasation due to chronic urinary retention.
   J.M. Smith, N. Buckley.
   Accepted for publication - Journal of Urology.

10. An approach to the patient with lower urinary tract symptoms.
    J.M. Smith.
    Mater Misericordiae Hospital.
    General Practitioner Refresher Course, October, 1983.
Department of Surgery

Surgery:- Mr. S.J. Heffernan

PRESENTATIONS:

1. Blunt and penetrating abdominal injuries.
   P. Mullen, J.P. Duignan, S.J. Heffernan.
   Mater Misericordiae Hospital Annual Research Symposium.

   Irish Society of Gastroenterology.

3. Mesothelioma of the peritoneum.
   S.J. Heffernan, D. Magee, D. Mehigan, T. Hanrahan.
   Royal Academy of Medicine in Ireland.

4. The value of fluorescence in defining viable intestine at operation in patients with massive small bowel ischaemia (M.S.B.I.)
   T.F. Gorey, T.P. Corrigan, S.J. Heffernan.
   Journal of College of Physicians and Surgeons.

51 Common bile duct flow studies.
   F. Gorey, S.J. Heffernan.
   Freyer symposium, Galway. October, 1983.

   Gastroenterology update workshop.
   St. Vincent's Hospital, Fairview, Dublin 3.

7. Long term follow-up of hyperthyroid patients treated by subtotal thyroidectomy.
   D.D. Sugrue, M.I. Drury, M. McEvoy, S.J. Heffernan and E. O'Malley
   British Journal of Surgery. Vol. 70; No. 7: 408 - 411

   T.F. Gorey, F. Lennon, S.J. Heffernan.

Surgery -

Surgery - Mr. W.P. Hederman

Presentations:

1. Modified distal spleno-renal shunting for bleeding oesophageal varices.
   Biological Club, October, 1983.

2. Inferior mesenteric artery aneurysm.
   Surgical section. Royal Academy of Medicine in Ireland, December 1983.

3. Anastomotic aneurysms.
   D. Mehigan.

4. Value of blood cultures in surgery.
   M. Sugrue.

5. Hyperhydrosis.
   Mater Misericordiae Hospital Study Day, December, 1983.
Surgery -

Surgery - Mr. F.X. O'Connell

Papers:


CONSULTANT MEDICAL STAFF 1983

Doctor B.G. Alton
Doctor J. Barnes
Doctor H. Barniville
Doctor C. Barry
Doctor M. Behan
Professor S. Blake
Doctor W. Blunnie
Mr. R. Bowell
Doctor C. Breslin
Doctor N. Byrne
Mr. P.C. Carey
Mr. T. Corrigan
Doctor M. Coughlan
Professor T.B. Counihan
Doctor J. Crowe
Doctor J. Dempsey
Doctor P. Dervan
Professor E. de Valera
Doctor J. Donohue
Professor M.I. Drury
Professor P. Dwyer Joyce
Doctor J.T. Ennis
Mr. P. Eustace
Doctor T. Eustace
Doctor M. Floyd
Doctor J.G. Gallagher
Mr. W. Grant
Doctor N. Healy
Mr. W.P. Hederman
Mr. S.J. Heffernan
Professor M. Hickey
Doctor R. Hone
Doctor J. Horgan
Doctor P. Keelan
Doctor D. Kennedy
Doctor J.A. Kirrane
Doctor J. Lavin
Doctor D. Legge
Gastroenterology
Dermatology
General Medicine
Rehabilitation & Physical Medicine
Radiology
General Medicine/Cardiology
Anaesthesiology
Ophthalmology
Anaesthesiology
Child Psychiatry
Neuro-Surgery
Consultant Lecturer
Gynaecology
General Medicine/Cardiology
Gastroenterology
Histopathology
Histopathology
Gynaecology
Nephrologist
Diabetic/Endocrinology
Ophthalmology
Radiology
Neuro-Ophthalmology
Radiology
Anaesthesiology
Gynaecology
E.N.T. Surgery
Child Psychiatry
General and Vascular Surgery
General Surgery
Histopathology
Bacteriology
Cardiology
General & Respiratory Medicine
E.N.T. Surgery
Immunology
Geriatrics
Radiology
Doctor J. Lennon
Doctor W.D. Linehan
Mr. P. MacAuley
Doctor R. MacSullivan
Doctor P. McCann
Doctor C. McCarthy
Doctor J.R. McCarthy
Mr. W.F. McManus
Doctor P. McQuaid
Doctor J. Magner
Professor J.P. Malone
Professor J. Masterson
Doctor D. Moriarty
Mr. N. Mulvihill
Doctor H. Murphy
Doctor S. Murphy
Mr. M. Neligan
Doctor J. Noel
Doctor D. O'Connell
Mr. F.X. O'Connell
Doctor P. O'Connor
Mr. H.N. O'Donoghue
Doctor S. O'Loughlin
Professor E. O'Malley
Doctor B.C. O'Moore
Doctor B. Otridge
Professor D. Powell
Doctor D. Roden
Doctor E.M.P. Siung
Mr. J. Smith
Doctor H. Staunton
Doctor D. Tyrrell
Mr. M.G. Walsh

Honorary Consultants:

Professor G. Harrington
Doctor B. Herity
Doctor J.M. Horgan
Doctor M.J. O'Halloran
Doctor J.P. O'Riordan

Gastroenterology
Pulmonary Physiology
Orthopaedic Surgery
Anaesthesiology
Radiology
Cardiac Physiology
Anaesthesiology
Orthopaedics
Child Psychiatry
Anaesthesiology
Psychiatry
Genetics
Anaesthesiology
Orthopaedic Surgery
Dental Surgery
Neurology
Cardio-Thoracic Surgery
Geriatrics
Radiology
General Surgery
Accident/Emergency
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Dermatology
Cardio-Thoracic Surgery
E.M.G.
Haematology
Endocrinology
Rehabilitation & Physical Medicine
Child Psychiatry
Urology
Neurology
Anaesthesiology
Orthopaedic Surgery

189


Front Row: P. Cullen, S. Quirke, C. Cusack, C. Harte, S. Raftery.


3rd Row: D. Foley-Nolan, B. Corbett, S. Crerand, M. Quinn, S. Murphy, P. McDonagh, M. O'Hanlon, B. ni Chuinn.


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<tr>
<td>Secretary/Manager</td>
<td>Mr. G. MacGabhann</td>
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SISTERS OF MERCY HOSPITALS THROUGHOUT THE WORLD
# HOSPITALS OF THE SISTER OF MERCY THROUGHOUT THE WORLD
## IRELAND

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