



# **OUR LADY'S HOSPITAL FOR SICK CHILDREN CRUMLIN**

Registered Office - Crumlin, Dublin 12

Telephone – (01) 4096100

**2000**

## **COMMITTEE OF MANAGEMENT**

**CHAIRMAN:** His Eminence Desmond Cardinal Connell  
Archbishop of Dublin and Primate of Ireland

**DEPUTY CHAIRMAN:** Mr F Feely/  
Cllr S Ardagh  
The Hon Mr Justice J Blayney  
Cllr E Byrne  
Mrs C Byrne  
Mr E A Goulding  
Mr S McGrath  
Sr A McKenna DC  
Mr C O'Broin  
Mr J H D Ryan

**SECRETARY:** Mr P Kavanagh

## **FINANCE & GENERAL PURPOSES COMMITTEE**

**CHAIRMAN:** Mr C O'Broin

**MEMBERS:** Mr F Feely  
Mr S McGrath  
Mr C O'Broin  
Mr J H D Ryan

**SECRETARY:** Mr P Kavanagh

**ETHICS COMMITTEE**

**CHAIRMAN:** Mr F Feely

**MEMBERS:** Dr M Doherty  
Fr D Doyle  
Mr E Gleeson  
Mr E A Goulding  
Ms M Heffernan  
Mr P Kavanagh  
Ms O Keane  
Sr A Kelleher DC  
Ms E Logan  
Mr P Puri  
Dr D Webb

**SECRETARY:** Miss C Rice

**RESEARCH CENTRE COUNCIL**

**CHAIRMAN:** Mr J H D Ryan

**MEMBERS:** Professor B Drumm  
Mr R K Gahan  
Mr E A Goulding  
Mr M Hawkshaw  
Mr P Kavanagh  
Dr J Kelleher  
Mr S McGrath  
Dr H Monaghan  
Mr P Puri  
Mr G Sisk

**SECRETARY:** Mr D Doran

## HOSPITAL EXECUTIVE COUNCIL

**CHAIRMAN:** Mr P Kavanagh

**MEMBERS:** Ms D Bolger  
Mr M Corbally  
Ms C Cunningham  
Dr P Doherty  
Mr E Fogarty  
Ms E Logan  
Ms L McDermott  
Dr M McDermott  
Dr P Oslizlok  
Ms C Rice

**SECRETARY** Ms S Downey

## MEDICAL EXECUTIVE COUNCIL

**CHAIRMAN:** Mr E Fogarty

**MEMBERS:** Dr P Doherty  
Dr P Oslizlok  
Dr M McDermott

**SECRETARY:** Mr M Corbally

**DRUGS ADVISORY COMMITTEE**

**CHAIRMAN:**

Dr K Butler

**MEMBERS:**

Dr F Breatnach  
Ms M Byrne  
Mr D Conlon  
Dr E Griffin  
Mr P Kavanagh  
Ms E Logan  
Dr D Mannion  
Ms G O'Callaghan  
Dr A O'Meara  
Ms G Peel  
Mr F Quinn  
Ms S Moriarty

**SECRETARY:**

**AUDITORS**

Ernst & Young, Chartered Accountants  
Harcourt Centre, Harcourt Street, Dublin 2

**SOLICITORS**

Arthur O'Hagan, 9 Harcourt Street, Dublin 2

**BANKERS**

Allied Irish Banks Ltd, 219 Crumlin Road, Dublin 12

## MEDICAL STAFF - 2000

### *SPECIALITY*

Accident & Emergency

Anaesthetists

Cardiologists

Cardiac Surgeons

Chemical Pathologist

Dental Surgeon

Dermatologist

ENT Surgeons

Endocrinologist

Gastroenterologist

Geneticist

Haematologist

Histopathologist

Neonatologists

Neurologists

Neuro Surgeon

### *CONSULTANT*

Dr R Healy

Dr W Casey

Dr P Doherty

Dr B Lyons

Dr D Mannion

Dr B O'Hare

Dr B Denham

Dr D Duff

Dr P Oslizlok

Dr K Walsh

Mr M Neligan

Mr M Redmond

Mr A E Wood

Dr P Mayne

Mr P Fleming

Dr R Watson

Mr A R Dennis

Mr A Maguire

Dr C Costigan

Professor H Hoey

Professor B Drumm

Dr W Bourke

Professor A Green

Dr W Reardon

Dr A O'Marcaigh

Dr P Brown

Dr M McDermott

Dr F Gorman

Dr E Griffin

Dr M Sheridan-

Pereira

Dr M White

Dr B Lynch

Dr J McMenamin

Dr D Webb

Mr D Allcutt

Oncologists

Dr F Breatnach

Ophthalmologists

Dr A O'Meara

Dr D Brosnahan

Orthopaedic Surgeons

Dr E P McManus

Mr F Dowling

Mr E Fogarty

Mr D Moore

Paediatric Surgeons

Mr M Corbally

Mr P Puri

Professor R Fitzgerald

Paediatricians:

Infectious Diseases

Dr K Butler

Nephrology

Dr P Deasy

Dr M Waldron

Rheumatology/Mental Handicap

Dr H Monaghan

Metabolic Diseases

Dr P Thornton

Plastic Surgeons

Dr P Eadie

Mr M McHugh

Mr T O'Reilly

Mr D Orr

Psychiatrists

Dr M Doherty

Dr M Fitzgerald

Dr I Ryan

Dr B Mackey

Radiologists

Dr N Blake

Dr J Kelleher

Dr R Hayes

Dr E Phelan

Respirologist

Dr G Canny

Dr P Grealley

## THE DEPUTY CHAIRMAN'S REPORT

**Spoken by Mr Francis J Feely**

The staff of the hospital have put trojan effort into caring for the children and the families who required our services. Our thanks must go to doctors, nurses, social workers, pharmacist, dieticians, therapists, radiographers, geneticists, laboratory personnel and all the other health care professionals. The chaplaincy and pastoral care group have made a very special contribution. I thank also the educators, researchers, household, maintenance and administrative personnel. We appreciate the work of the many parent and community groups who have supported us in the past year.

The wide range of very specialised skills focused here on the care of the sick child represents an incalculable asset to the community not just in Dublin but throughout the country. As a Committee of Management we seek to support the administration in developing the skills available and in providing the facilities necessary to improve the care of the children entrusted to us.

In acknowledging the work and skills of our staff I acknowledge also the work of management and the support of the Department of Health and Children and the Eastern Regional Health Authority in the development of our services.

It is of vital importance that the infrastructure and facilities at Our Lady's Hospital for Sick Children Crumlin be up to the highest modern standard.

In general the hospitals requirements in these regards arise from the fact that the hospital was designed more than half a century ago to meet the medical needs expected at the time. The advances in medical science, the more intense management of illness in children and the changes in the nature and pattern of illnesses have altered these requirements. In addition the number of patients presenting to the hospital have increased dramatically over the years. Last year there were in excess of 17,000 admissions to the hospital, almost 90,000 out-patient attendances, more than 9,000 operations were performed in our theatres.

Investment in the hospital facilities to accord with the needs of the twenty first century is essential. Over the past year we have continued to address this need for overall development to the Eastern Regional Health Authority and to the Department of Health and Children. The statutory authorities are sympathetic to the hospitals requirements and we will continue to press to expedite planning for such development to properly meet the current and anticipated requirements of services located here.

Considerable progress has been made during the year on detail planning of new operating theatres, day unit and hospital sterile supplies departments. It is expected that building work will commence in the next few months. Also the Minister for Health and Children has made available the sum of £3 million to meet the cost of immediate prioritised equipment needs and development of some facilities.

In their meetings of the past year the Committee of Management reviewed and discussed progress made by the hospital with the development of systems of information, response and support of parents who are endeavouring to come to terms with the death of their child. The



hospital will of course provide to the Dunne Inquiry all appropriate information available. At our annual meeting last year I spoke of the value of post mortems both to the families and to the clinicians who care for their children.

The Committee of Management in the past year also discussed the issues surrounding the future provision of paediatric surgery. We are pleased to accept the Minister's proposal with regard to the structuring of paediatric surgical posts and would hope that this long outstanding issue can now be resolved.

I am also pleased to report the considerable success that was achieved in addressing cardiac surgery waiting lists. Additional resources were provided by the Eastern Regional Health Authority. A programme of surgery in Baltimore, USA was arranged and successfully carried through. A programme of surgery in Britain was maintained and at the same time the throughput of patients in the cardiac unit here was increased. Our special thanks of all who were involved. We acknowledge the work of the cardiologists, cardiac surgeons and all other support staff, in particular the nursing personnel in Theatre and in ICU. In common with other hospitals we experienced considerable difficulties in the year 2000 in recruiting the highly specialised nursing personnel needed for Intensive Care and Theatre. Nonetheless the nursing staff available to us contributed hugely to the increased cardiac programme here. The result is that the numbers of patients waiting for surgery has been considerably reduced and, of those waiting, almost all are waiting for less than 6 months.

I take this opportunity to welcome to our staff all new appointees. Since our last meeting a number of consultants have taken up appointment. Dr Mary Waldron and Dr Atif Awan, Consultant Nephrologists have joined us. Dr Martina Healy, Dr Margaret Bourke and Dr

Jacinta McGinley have been appointed as Consultants to the Department of Anaesthetics. Mr John Russell has been appointed ENT Surgeon and Dr Niamh O'Sullivan as Consultant Microbiologist. Mr Mark Redmond, Consultant Cardiothoracic Surgeon joined us in August last. All are most welcome.

Mr Ernest Goulding who served on the Committee of Management for 30 years has recently retired. We wish him well and thank him for his considerable work with the Committee. Dr Patrick Deasy, Consultant Paediatrician retired last year. His contribution to the clinical services and the general development of the hospital was very significant. He was unstinting in his support of the work of the Committee of Management. We wish him well in his retirement.

I now formally propose that the Annual Report together with the Balance Sheet and Certified Accounts for 2000 be adopted. I ask Mr Cormac O'Broin to second this proposal and he will explain and expand for you report of the Finance & General Purposes Committee.

## FINANCE AND GENERAL PURPOSES COMMITTEE REPORT

### Spoken by Mr Cormac O'Broin

I have pleasure in seconding Mr Feely's proposal that the annual report together with the balance sheet and certified accounts be adopted.

Our revenue allocation from the Department of Health and Children for the year was £45.126 million. Our deficit for the year was just under £31K. This represents an overrun of 0.07% of our total allocation which is an excellent achievement while responding to the needs of the patients referred to us for general, acute and specialist care. This deficit will be carried forward as a first charge against our 2001 allocation.

### **INCOME**

During the year the hospitals income decreased by £238K. This amount reflects a decrease in our semi private patient income. The hospital strives to provide the best care for all its patients. During the year our clinicians found it increasingly necessary to place some public patients in private accommodation for clinical care reasons.

### **EXPENSES**

#### **SALARIES AND WAGES**

Increase in payroll costs were largely due to the application of authorised salary increases and also by the filling of posts sanctioned by the Department of Health and Children.

#### **SUPPLIES AND SERVICES**

It is this hospitals policy to focus non pay expenditure to the greatest extent possible on costs directly related to patient care. The hospital is also committed to the maintenance and refurbishment of patient care areas, in order that at all times, the patient receives the best care in the best surroundings. The cost of non pay medical inflation, which is higher than the

normal average rate of inflation has contributed in part to an increase in the overall cost of non pay supplies and services. In addition the use of the latest medical technologies and techniques and the impact of additional speciality consultants in the hospital have contributed to the increase in cost.

It is this hospitals policy to examine all areas of expenditure including non medical and non pay expenditure.

### **CARDIAC WAITING LIST INITIATIVE**

In 1997, the Minister for Health and Children introduced a National Cardiac Waiting List initiative. This programme has continued in 2000. We received an allocation from the Department of Health & Children of £1.443 million. This money was used to fund the cost of cardiac surgical procedures for patients in the UK and the United States. It is also used to provide support staff here for pre and post operative care.

### **FIXED ASSETS**

As in previous years the hospital is determined to provide the best accommodation and equipment for our patients. During the year the hospital spent £1.644 million on building, plant and equipment.

We are very grateful for the funds received from the Department of Health and Children and fundraising for the above projects.

### **ACTIVITY**

The Deputy Chairman has already made reference to level of activity of the Hospital. In our meetings of the past year we have examined activity reports and continue to do so and to support the Hospital management's efforts to achieve most effective utilisation of accommodation.

## CONCLUSION

Ensuring that the hospital can continue to provide the highest standard of care for its patients requires the co-operation of all disciplines. We must work together to achieve value for money and ensure that we are keeping the ERHA advised of new developments and their associated cost. This will enable the necessary funding to be secured.

During the past year there have been a number of resignations and retirements within senior administration management team. I am pleased to welcome to our staff

Mr John Hannigan – IT manager,

Mr Liam Farrell HR manager,

Mr David O'Muineachain – Materials Manager,

Ms Ruthann Mannion – Financial Controller.

Welcome also to Ms Moira McQuaid to her appointment as General Manager.

In conclusion I would like to thank our Financial Controller, Ms Ruthann Mannion, and her staff, for the efficient day to day management of the hospitals finances and for providing the Finance Committee with proper financial information and advise.

## MEDICAL STAFF REPORT

### Spoken by Mr E Fogarty

The hospital continued in 2000 to provide a high standard of medical service to our paediatric patients. The medical staff and administrative staff have coped again with and continue to deal with the Organ Retention issue openly and will be participating fully in the official inquiry.

In 2000 there were 17,036 admissions, 11,510 were from the Eastern Health Board area and 5,403 were from various other areas around the country. There were 63 non nationals admitted. There were 90,137 out-patient attendances and 30,931 patients availed of the Accident & Emergency services.

Dr Patrick Deasy, Consultant Paediatrician retired in 2000 and we would like to take this opportunity of thanking him for his long dedicated service to the hospital and we wish him best wishes for his retirement. Dr Mary Waldron, Consultant Nephrologist took up her appointment here in 2000 and we welcome her. Since our last meeting the following consultant staff have joined us : Dr Martina Healy, Dr Margaret Bourke and Dr Jacinta McGinley – all consultant anaesthetists. Dr Niamh O’Sullivan, Consultant Microbiologist and Dr Atif Awan, Consultant Nephrologist.

Mr Mark Redmond took up duty as Cardio-thoracic Surgeon in August 2000. The Eastern Regional Health Authority provided funds for a Cardiac Waiting List Initiative and patients of this hospital were sent abroad to the UK and USA for treatment together with extra lists undertaken by staff at Our Lady’s Hospital has been very successful and has reduced the

waiting time for cardiac surgery to 6 months. I would like to thank Mr Freddy Wood, Mr Mark Redmond and all the staff at hospital for making this possible.

The Minister for Health and Children visited the hospital on the 20<sup>th</sup> October 2000. This visit was successful and there is no doubt that the Minister saw the need for major development at the hospital.

Professor E Guiney's replacement has not yet been appointed. He retired 5 years ago. Members of the Medical Board are concerned that it is becoming increasingly difficult to provide the best service to their patients without major investment in the hospital.

The medical staff wish to express their continued and renewed thanks to Mr Paul Kavanagh, Chief Executive and Ms Emily Logan, Director of Nursing, administrative and all other hospital staff for their support throughout the past year.

## THE CHILDREN'S RESEARCH CENTRE

### Spoken by Mr David Doran

2000 was again a productive year for the Children's Research Centre. The high level of output continued – at a qualitative level, which secured recognition in many international forums. It is the commitment of individuals that achieves these plaudits and we were once again fortunate in the background, hard work, spirit of intellectual curiosity, determination and those other personal qualities, so manifest among staff members which are a necessary prerequisite to results in the competitive research World. It is team effort of course but one that is fostered and inspired by the dedication of the Centre's Director of Research, Mr. Prem Puri.

During the year the Research Centre had 40 papers published in peer reviewed international medical / scientific journals. In addition, the publications record included 9 chapters in books.

59 papers from the Research Centre were accepted for publication at 22 international meetings. There were 29 presentations at Irish meetings. In addition to these papers, members of staff were invited as speakers and guest lecturers to international meetings around the World. Our research staff are to be complimented on these significant achievements.

A principal area of research activity for which the Children's Research Centre is widely known, is its work on Hirschsprung's Disease and allied functional bowel disorders. That work continued apace with the largely international team based in the Centre but a significant achievement during the year was the publication of "*Hirschsprung's Disease & Allied Disorders*". This comprehensive volume, the definitive work on the subject, was put together by our Director of Research, Mr. Prem Puri along with a German colleague Dr. Holschneider.



It is now known that duodenal ulcers and cancer of the bowel result from an infection in childhood by *Helicobacter Pylori*. The factors that predispose to colonisation of this organism in the Gastro-Intestinal Tract continue to be a major focus of our research programme. The impetus here is provided by the staff from the UCD Department of Paediatrics under Professor Brendan Drumm.

The focus on newborn immunity by a team under the leadership of Professor Denis Reen continues to be of interest. Our programme is providing insights into the mechanism of tolerance induction and immunosuppression. Our research in this area, on the immature status of the newborn immune system is making marked progress.

The study of Scoliosis and the investigation of the causes of spinal curvature in children has been an area of study in the Centre for many years and this work continued during 2000.

A video was commissioned and produced during the year to assist the fundraising effort. It shows many aspects of the Hospital's work including its research.

We would like to congratulate Mr Prem Puri on the outstanding performance of the Research Centre during the year and, also the Head of the Laboratory, Professor Denis Reen together with the laboratory staff. Mr Puri added to his list of distinctions. He was appointed to the Editorial Board of Archives of Pathology & Laboratory Medicine in the USA.

We are very indebted to the many volunteers, sponsors and donors who finance our work at the Research Centre. I would like to say a special work of thanks to the President of our Foundation, Mr. Bob Gahan and the Board Members, also our Regional Committees throughout the Country for their very generous and practical support throughout the year. It is the significant size and scale of the fundraising effort that allows us to achieve such success in research by covering the costs, which exceed £1m.

Our thanks to Mr Des Ryan who was Chairman of the Research Centre Council; Chief Executive of the Hospital, Mr Paul Kavanagh; Director of Nursing, Ms Emily Logan; Chairman of the Medical Board, Mr Esmond Fogarty; Mrs Joy Fitzgerald, Chairperson and

the members of the Ladies Committee for the important contribution they make to our programme.

Lastly, I would like to say a special word of thanks to the staff of the Foundation whose hard work ensured that 2000 was such a success in all of the many ways, by which success can be measured in the complex and taxing activities in which it is daily engaged and which facilitate the smooth running and welcoming intellectual atmosphere of the Children's Research Centre.

## NURSING DEPARTMENT REPORT

### Spoken by Ms Emily Logan

Representing the main changes that took place in nursing, nationally, are the combination of Labour recommendations and the implementation of the Report of the Commission on Nursing (1998). The greatest challenges in nursing within Our Lady's Hospital continue to be the recruitment and retention of skilled nurses to ensure that we provide a quality driven, patient focused and cost effective service for our patients and their families.

A number of promotional grades were introduced this year.

They include:

- **Senior Staff Nurse** - 28 staff nurses who were in post for more than 23 years were upgraded to senior staff nurse grade.
- **Clinical Nurse Manager 1** – previously known as the junior ward sister post. Ten posts were upgraded in the ward areas.
- **Clinical Nurse Manager 2** – we received an upgraded position for the Day Unit.
- **Clinical Nurse Manager 3** – two posts were appointed to in Intensive Care and Oncology. This is a new grade between that of ward sister and Assistant Director of Nursing.
- **Clinical Nurse Specialist** – 26 of our liaison nurse posts were regraded from staff nurse grade to a grade equivalent to ward sister.

### RECRUITMENT AND RETENTION

Recruitment and retention continue to present the greatest challenge for nursing. We wish to ensure that we continue to recruit a high calibre of skilled nurses to care for children and their families. Most of the difficulties experienced were in the areas of Intensive Care and Theatre Departments. The main mechanisms of retention have been the increased flexibility of working hours and the funding of academic courses. There has been an increase in the funding provided by the Department of Health and Children (DoHC) for further education. Manpower research has proven that retention is improved if new staff are inducted with robust orientation programmes making them feel part of the organisation as soon as possible.

We have increased the emphasis on education and orientation programmes for new staff. To facilitate this process we have restructured clinical education posts in the areas of Intensive Care, Oncology and the Theatre Department.

Flexibility of working hours has played a crucial role in staff retention. Most of the demand for flexible working hours has been in the area of Intensive Care where we have a total of 50% of the staff working either part time or job sharing hours. By the end of 2000 the turnover rate for staff particularly in Intensive Care has slowed down considerably. Only one member of staff has resigned from ICU in the last six months. To date we have always recruited a small number of nurses from abroad, mainly the U.K.. Many nurses recruited from the U.K. are Irish nurses returning home. As the number of available nurses in Ireland has reduced we sought to recruit nurses from outside the country. It was felt that the most suitably qualified, skilled and experienced nurses for a paediatric environment were nurses who trained in the Philippines. Ms. Aileen Connolly and Ms. Geraldine Clerkin, Assistant Directors of Nursing from Intensive Care and Theatres travelled to Dubai and Bahrain to recruit Filipino nurses who had the skills that our services required; namely Paediatric Intensive Care and Theatre experience. A total of 54 staff were recruited and will commence employment in Our Lady's Hospital commencing in February 2001. In the latter part of next year Ms. Aileen Connolly will be the dedicated nurse manager for the recruitment of nurses to Our Lady's Hospital for Sick Children.

## **PAEDIATRIC NURSE EDUCATION**

A Paediatric Education Review Group was set up in the Department of Health and Children to make recommendations on the future education needs for paediatric nurse training. The three paediatric hospitals opposed the view of the commission to have paediatric nursing solely as a post registration course.

The concept of an integrated general/ paediatric programme has been explored and will be recommended in the report of the nurse education review group, to be published in January 2001. From 2002 education of nurses will be at degree level. To enable the transition of this programme the Department of Health and Children have provided full funding and a grant for nurse tutors to study at Masters level.

Two of our nurse tutors completed Masters degrees this year and a further three commenced Masters programmes.

### **Recruitment into paediatric nurse education**

Fifty nine students commenced the Higher Diploma in Nursing Studies (Sick Children's Nursing) and 54 successfully completed the programme. Since 1996 the number of applicants for paediatric places nationally has reduced considerably. In an effort to address this problem the DoHC agreed that university fees would be paid and the salary of the paediatric student nurse increased to that of a first year staff nurse. All paediatric training hospitals rely upon the pool of general nurses from which to recruit to the post graduate course. Since the number of general nurses training has dropped in the last ten years it has become increasingly difficult to recruit to the course.

We welcome the announcement by the DoHC of the increase in numbers of pre-registration nursing training places to 1500 per annum over the next three years.

### **Specialist education**

Specialist education can play a significant role in retention of our senior nursing staff working in clinical areas. Many of our nurses are interested in further education. However most of them would opt for a course with a clinical emphasis. To this end we have been collaborating with University College Dublin to develop courses in specialist education at higher diploma level in the areas of Accident and Emergency and Intensive Care. Our Lady's Hospital for Sick Children will therefore run a paediatric specialist module for Oncology, Intensive Care and Accident and Emergency commencing September 2001. This year was the first Intensive Care course which facilitated both full time and part time students. This was done in an effort to facilitate our job sharing employees in Intensive Care and proved to be a very successful option.

The year 2000 has been a difficult year in terms of recruitment for nursing. It is hoped that some of our more difficult recruitment times are behind us. I would like to acknowledge the hard work and commitment the nursing staff have shown to the hospital in working additional hours to sustain services during this difficult year.

**ACTIVITY SUMMARY**

<b>IN PATIENTS</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>
Admissions	17,655	17,615	17,156	17,036
% of Available Beds Occupied	79.75	76.2	72.7	71.32
Average Stay (Days)	3.78	3.9	3.8	3.78
<b>OUT-PATIENTS</b>				
Attendances	89,559	93,245	91,092	90,137

**ANALYSIS OF OUT-PATIENT ATTENDANCES**

Clinic	PATIENT ATTENDANCES			
	1997	1998	1999	2000
General Medical	7,600	8,160	8,224	8,575
General Surgical	5,664	5,658	5,612	5,372
Cardiology/Cardiac Surgery	2,045	2,522	2,717	2,884
Dental	602	575	596	979
Dermatology	2,001	2,312	3,165	3,109
Diabetic	761	555	539	459
Endocrinology	550	851	893	899
E.N.T	3,710	4,396	4,813	4,533
Neonatology	969	1,012	948	924
Neurology	1,536	1,594	1,576	1,432
Oncology	1,197	1,127	1,218	1,231
Orthopaedic	11,415	11,892	11,456	11,330
Ophthalmic	2,353	2,769	2,769	3,200
Psychiatry	448	391	375	113
Plastic	2,537	2,576	2,483	2,069
Orthoptic	1,694	2,719	2,972	3,238
U.T.I	1,288	1,300	1,367	1,317
Psychology	909	1,349	1,405	1,139
Casualty	37,931	36,383	32,595	30,931
Physiotherapy	2,264	2,375	2,185	2,440
Speech Therapy	613	778	782	1,249
Audiology	844	854	1,045	1,056
Neuro-Oncology	70	71	104	127
Genetics	167	420	513	443
Infectious Disease	381	514	570	705
Haematology	10	92	170	383
	<u>89,559</u>	<u>93,245</u>	<u>91,092</u>	<u>90,137</u>



**GEOGRAPHIC DISTRIBUTION OF PATIENTS  
ADMITTED (BY HEALTH BOARDS)**

Health Boards	1998		1999		2000	
	Adm	Av. Stay (Days)	Adm	Av. Stay (Days)	Adm	Av. Stay (Days)
Southern	516	6.00	640	5.38	600	6.13
Mid Western	536	5.34	540	5.27	534	5.08
Western	614	5.77	548	4.94	644	4.82
North Western	458	5.33	533	6.09	466	5.22
South Eastern	1,467	4.21	1381	4.47	1,367	4.56
Midland	881	3.60	716	4.52	744	4.04
North Eastern	937	4.24	946	4.34	1,134	4.08
Eastern	12,143	3.56	11,748	3.33	11,510	3.33
Non National	63	3.23	104	5.78	37	4.86

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Oue T, Shima H, Taira Y, Puri P. Administration of antenatal glucocorticoids upregulates peptide growth factor gene expression in nitrofen-induced congenital diaphragmatic hernia in rats. J Pediatr Surg 35 (1): 109-112, 2000.

Oue T, Shima H, Guarino N, Puri P. Antenatal dexamethasone administration increases fetal lung DNA synthesis and RNA and protein content in nitrofen-induced CDH in rats. *Pediatr Res* 48 (6): 789-793, 2000.

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Shima H, Guarino N, Puri P. Effect of hyperoxia on surfactant proteins gene expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats. *Pediatr Surg Int* 16 (7): 473-477, 2000.

Shima H, Guarino N, Puri P. Antenatal dexamethasone improves atrial natriuretic peptide receptors in hypoplastic lung in nitrofen induced diaphragmatic hernia in rats. *Pediatric Surgery International* 16 (4): 252-255.

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**BOOKS AND MONOGRAPHS**

Hirschsprung's Disease. (Eds: A.M. Holschneider & P. Puri), Harwood Medical Publishers, London (2000).

**INVITED SPEAKERS/GUEST LECTURERS TO INTERNATIONAL MEETINGS**

**Professor Brendan Drumm**

**Invited Speaker**, German Gastroenterology Meeting, Münster, Germany

**Invited Speaker**, United European Gastroenterology Week, State of the Art Lecture, Brussels, Belgium

**Professor Andrew Green**

**Invited Speaker**, Clinical Genetics Society, London.

**Professor Joe McMenamin**

**Invited Speaker**, Royal College of Paediatricians, Colombo, Sri Lanka

**Invited Speaker**, Paediatric Clinical Club, Tabuk, Saudi Arabia

**Mr. Prem Puri**

**Invited Speaker**, Simpson Smith Symposium, London, U.K.

**Invited Speaker**, Millenium Scientific Meeting of the Paediatric Section of the Royal Society of Medicine, London

**Invited Speaker**, 7<sup>th</sup> Southeast European Symposium of Paediatric Surgery "Intestinal Motility Disorders", Graz, Austria

**Invited Speaker**, 25<sup>th</sup> Congress of the Japanese College of Surgeons, Tokyo, Japan

**Invited Speaker**, 34<sup>th</sup> Annual Congress of the Italian Society of Paediatric Surgeons, Siena, Italy

**Invited Speaker**, Millenium Oration of the Kanchi Kamakoti Childs Trust Hospital, Chennai, India

**Invited Speaker**, 4<sup>th</sup> International Meeting of the Egyptian Association of Pediatric Surgeons, Alexandria, Egypt

**Mr. Prem Puri (contd.)**



**Invited Speaker**, 3<sup>rd</sup> Congress of Mediterranean Association of Pediatric Surgeons, Corfu, Greece.

**Guest Speaker**, XXI Brazillian Annual Pediatric Surgical Meeting, Porto Allegre, Brazil

**Invited Speaker**, European Association of Perinatal Medicine, Porto, Portugal.

**Distinguished Guest Speaker**, 17<sup>th</sup> Pan American Pediatric Surgery Society, Temuco City, Chile.

**Professor Denis J. Reen**

**Invited Speaker**, U.K. Cord Blood Symposium, London, U.K.

**Dr. Rosemary Watson**

**Invited Speaker**, British Association of Dermatology Annual Meeting, London, U.K.

**INVITED SPEAKERS/GUEST LECTURERS TO IRISH MEETINGS**

**Dr. G.J. Canny**

**Co-Chairman**, Inaugural All Ireland Cystic Fibrosis Directions Meeting, Dublin, 2000.

**Professor Denis J. Reen**

**Invited Speaker**, Department of Biology Seminar, National University of Ireland, Maynooth, Ireland

**PRESENTATIONS AT MEDICAL AND SCIENTIFIC**

**INTERNATIONAL MEETINGS**

**British Paediatric Neurology Association Meeting, Glasgow, January 7-9, 2000**

**Focal upper limb neuropathy in a child**  
DGM McDonald, JB McMEnamin, MA Farrell

**Royal College of Surgeons in Ireland Sixth Overseas Scientific Meeting, Penang, Malaysia, March 11-19, 2000**

**Audit of three new anticonvulsant drugs in a paediatric epilepsy clinic**  
JB McMEnamin

**First Paediatric Surgical Week. "Progress in Paediatric Surgery", Kuhtai, Tirol, Austria, 18-25 March 2000**

**Upregulated expression of EGF and TGF- $\alpha$  in the human hypoplastic lung in congenital diaphragmatic hernia**  
N. Guarino, H. Shima, P. Puri

**Induction of COX-2 expression suggests an active inflammatory process in classified histologically normal appendices following emergency**  
L. Nemeth, L. Fourcade, D.J. Reen, S. O'Briain, P. Puri

**Multiple gastrointestinal atresias results from disturbing morphogenesis.**  
L. Fourcade, E. Miyazaki, H. Shima, P. Puri

**Antenatal dexamethasone enhances vasodilative effect of endothelin-1 in hypoplastic lung in nitrofen induced diaphragmatic hernia in rats**  
H. Shima, T. Oue, Y. Taira, E. Miyazaki, P. Puri

**American Pediatric Surgeons Association Meeting, Florida, U.S.A., May 2000**

**Defective Endothelin-1 Synthesis and Gene Expression in the Heart in Congenital Diaphragmatic Hernia in Rats**  
P. Puri, N. Guarino, H. Shima

**Selective Chemical Ablation of Enteric Plexus in Mice**  
P. Puri, A. Yoneda, H. Shima, L. Nemeth, T. Oue

**Antenatal Dexamethasone Downregulates Adhesion Molecule Gene Expression in the Lung in Nitrofen Induced Congenital Diaphragmatic Hernia in Rats**

P. Puri, H. Shima, N. Guarino

**Gene Expression of the Renin-Angiotensin System in the Kidney in Nitrofen Induced Diaphragmatic Hernia in Rats**

P. Puri, H. Shima, N. Guarino

**International Research Society of Spinal Deformities, Clermont-Ferrand, France, 26-30 May 2000**

**The relationship between minor asymmetry and early idiopathic scoliosis**

CG Goldberg, DP Moore, EE Fogarty, FE Dowling

**Surface topography and the several components of scoliotic deformity**

CG Goldberg, DP Moore, EE Fogarty, FE Dowling

**Adolescent idiopathic scoliosis: Is the search for aetiology constrained by the orthosis**

CG Goldberg, DP Moore, EE Fogarty, FE Dowling

**American Society for Microbiology, San Diego, May 2000**

**Identification of Helicobacter mustelae virulence factors by screening of a random insertional mutant library**

T. O'Croinin, S. Brands Heerma, B. Drumm, C.M.J. Vandenbroucke-Azants, B. Bourke, J.G. Kusters

**British Association of Paediatric Surgeons, XLVII International Congress, Sorrento, Italy, July 2000**

**Three-dimensional morphology of gut innervation in total intestinal aganglionosis using whole-mount preparation**

P. Puri, L. Nemeth, A. Yoneda, M. Kader, D. Devaney

**Decreased expression of thyroid hormone receptor alpha-1 in the lung of rats with congenital diaphragmatic hernia**

H. Teramoto, N. Guarino, D.S. O'Briain, P. Puri

**Angiotensin converting enzyme gene polymorphism predicts the risk of renal parenchymal damage in familial vesicoureteral reflux patients**

Yoneda, T. Oue, P. Puri

**Increased expression of ICAM-1 in reflux nephropathy**

H. Shima, P. Puri

**Whole-mount preparation study of the nitrenergic and cholinergic innervation of the upper urinary tract in the rabbit, pig and human.**

U. Rolle, L. Nemeth, P. Puri

**VII Pediatric Colorectal Club, Rome, 16-17 July 2000.**

**Three dimensional morphology of c-kit positive cellular network and nitregeric innervation in the human gut.**

L. Nemeth, P. Puri

**Word Congress of Paediatric Gasroenterology, Boston, August 2000**

**13-C Urea Breath Test has low specificity in young children.**

C. Imrie, M. Rowland, B. Bourke, M. Clyne, B. Drumm.

**Focally enhanced gastritis in children with Crohn disease and ulcerative colitis.**

F. Sharif, M. McDermott, M. Dillon, B. Drumm, M. Rowland, C. Imrie, S. Kelleher, B. Bourke

**The oral Cavity in Crohn disease.**

S. Pittock, B. Drumm, P. Fleming, M. McDermott, C. Imrie, B. Bourke.

**Application of the Sydney System to *Helicobacter pylori* gastritis in children**

C. Imrie, M. McDermott, M. Rowland, F. Sharif, B. Bourke, B. Drumm

**Tyrosine Phosphorylation and Cell Signalling: The Third Decade, San Diego, U.S.A., August 2000**

**P38 MAPK is a regulator of IL-7 induced proliferation in recent thymic emigrants**

R. O'Neill, D.J. Reen

**31<sup>st</sup> Annual Meeting of the Canadian Association of Paediatric Surgeons, Montebello, Quebec, Canada, September 2000**

**Internal anal sphincter achalasia: Outcome after internal anal sphincter myectomy.**

D. De Caluwe, A. Yoneda, U. Akl, P. Puri

**Jejunioileal atresias and associated malformations: A correlation with timing of in-utero insult**

B. Sweeney, R. Surana, P. Puri

**Structural immaturity of the heart in congenital diaphragmatic hernia in rats**

N. Guarino, H. Shima, P. Puri

**Intestinal neuronal dysplasia: Results of treatment in 33 patients**

J. Gillick, H. Tazawa, P. Puri

**British Society of Human Genetics, York, September 2000**

**Autosomal dominant acute T-cell leukaemia/lymphoblastic T-cell lymphoma in an Irish family**

K. Becker, F. Breatnach, A.J. Green

**BRCA1 and BRCA2 mutation analysis in Irish breast cancer families**

T. McDevitt, N. Miller, W. Ormiston, N. Cody, P.A. Daly, E. McDermott, D.E. Carney, A.J. Green, D.E. Barton

**A case of Jacobsen syndrome in a neonate with del (11) (q23.3) and his mother with fra (11)(q23.3)**

Dunlop, P. McMahon, A.J. Green, R.L. Stallings

**Autosomal recessive colobomatous micro/anophthalmia in a consanguineous Irish traveller family**

M. Ni Chroinin, P. Tormey, S. Ennis, A.J. Green

**European Federation of Immunological Societies, Poznan, Poland, September, 2000**

**Platelet contamination of human monocyte preparations can give rise to a false estimate of apoptosis**

B. Sweeney, P. Puri, D.J. Reen

**European Society for Pediatric Research, Rhodes, Greece, 23-27 September 2000.**

**Altered expression of TGF-beta 1 in the heart of nitrofen induced diaphragmatic hernia in rats**

H. Teramoto, P. Puri

**Satellite Meeting: European Federation of Immunological Sciences, Krakow, Poland, September 2000**

**Apoptotic neutrophils induce an anti-inflammatory response in LPS-stimulated monocytes**

A. Byrne, D.J. Reen

**3<sup>rd</sup> Congress of Mediterranean Association of Paediatric Surgeons, Corfu, Greece, 12-15 October 2000**

**Beta-myosin heavy chain gene expression in hearts of nitrofen induced diaphragmatic hernia in rats**

H. Teramoto, N. Guarino, P. Puri

**XIIIth International Workshop on Gastroduodenal Pathology and Helicobacter pylori, Rome, Italy, 11-14 October 2000**

**Adherence mechanism of Helicobacter pylori and Helicobacter mustelae to primary human and ferret gastric cells**

M. Clyne, T. O'Croinin, B. Drumm

**Helicobacter mustelae infection of the ferret as a natural animal model for Helicobacter adherence studies**

T. O'Croinin, M. Clyne, B. Drumm

**Scoliosis Research Society Annual Scientific Meeting, Cairns, Australia, 18-21 October 2000**

**Long-term results from in situ fusion for congenital scoliosis**

CG Goldberg, DP Moore, EE Fogarty, FE Dowling

**Adolescent idiopathic scoliosis: The effect of brace treatment on the incidence of surgery**

C.J. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

**Surface topography, spinal deformity and the documentation of change**

C.J. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

**American Academy of Pediatrics, 52<sup>nd</sup> Annual Meeting, Chicago, Illinois, U.S.A., 28 Oct – 1 Nov 2000**

**Reflux nephropathy in infants: A comparison of infants presenting with and without**

**urinary tract infection.**

B. Sweeney, M. Velayudham, S. Cascio, P. Puri

**Selective neurotrophin deficiency in infantile hypertrophic pyloric stenosis.**

N. Guarino, H. Shima, A. Yoneda, P. Puri

**Altered expression of angiotensin II receptor subtypes in the heart of nitrofen induced diaphragmatic hernia in rats**

H. Teramoto, N. Guarino, P. Puri

**13<sup>th</sup> International Symposium on Pediatric Surgical Research, Ann Arbor, U.S.A., 2-4 November 2000**

**Polyunsaturated fatty acids influence neonatal monocyte survival**

B.Sweeney, P. Puri, D.J. Reen

**Gene expression of insulin-like growth factor-1 and epidermal growth factor is downregulated in the heart of nitrofen induced diaphragmatic hernia in rats**

H. Teramoto, P. Puri

**Cell adhesion molecules and fibroblast growth factor signaling in Hirschsprung's disease**

Yoneda, Y. Wang, D.S. O'Briain, P. Puri

**Premature neonates have a higher density of neurons in the myenteric plexus than full-term babies**

T. Wester, D.S. O'Briain, P. Puri

**Increased production of endothelin-3 in the pyloric muscle of patients with infantile hypertrophic pyloric stenosis**

N. Guarino, H. Shima, P. Puri

**Angiotensin converting enzyme genotype distribution in familial vesicoureteral reflux.**

Yoneda, T. Oue, P. Puri

**Patterns of neuronal colocalization of neurofilament, tyrosine hydroxylase and choline acetyltransferase in the guinea pig upper urinary tract**

U. Rolle, P. Puri

**British Society for Immunology Annual Congress, Harrogate, U.K., 5-8 December 2000**

**Apoptotic neutrophils induce an anti-inflammatory phenotype and cytokine response in LPS-stimulated monocytes**

A. Byrne, D.J. Reen

**Evidence for maturation of human recent thymic emigrants in vitro**

J. Hassan, D.J. Reen

**Functional NFAT1 mRNA and protein expression in cord blood T cells**

R. O'Neill, D.J. Reen

**Individual HSP families induce a differential pro-inflammatory cytokine response in human monocytes**

B. Kilmartin, D.J. Reen

**Loss of inflammatory response to heat shock protein 70 upon differentiation of monocytes into dendritic cells**

O. Curran, B. Kilmartin, D.J. Reen

**13<sup>th</sup> International Cystic Fibrosis Congress, Stockholm, Sweden, 2000**

**Physical activity in Irish adolescents with cystic fibrosis**

J. Hussey, E. Naughton, M. Hamilton, J. Gormley, G.J. Canny

**Overwhelming MRSA pneumonia in a previously well teenager with cystic fibrosis**





**PRESENTATIONS AT MEDICAL AND SCIENTIFIC**

**IRISH MEETINGS**

**Irish Neurology Association Meeting, Kinsale, Cork**

**Clinical presentation and course of early onset Rasmussen's encephalitis in three children**

DGM McDonald, JB McMenamin, MA Farrell

**Irish Paediatric Association Meeting, Westport, Co. Mayo, 5-6 May 2000**

**Clinical presentation and course of Rasmussen encephalitis in children**

DGM McDonald, JB McMenamin, MJ Farrell

**Colonic hypoganglionosis: Two cases occurring in siblings**

P Curran D deCaluwe, P Puri, SM Gormally

**Growth hormone therapy for endstage cardiac failure in childhood**

R Cook, C Screenan, M Fallon, A Saidi, B Denham, C Costigan

**HHV-7 infection can mimic herpes simplex encephalitis**

O O'Mahony, M Keegan K Ward, D Webb

**A mitochondrial disorder associated with haematological dysfunction and polyendocrinopathy**

SN Basheer, C McMahon, D Webb, D Barton, J Poulton, E. Tracy, O Smith, HMCV Hoey

**Resistant Kasabach-Merritt syndrome**

TS Chaudry, A O'Marcaigh

**A surveillance study of late febrile seizures**

O O'Mahony, M Keegan, D Webb

**The impact of respiratory syncytial virus (RSV) disease and the potential for prevention in high risk infants**

P Curran, A Das, D Reilly, M Sheridan-Pereira, AJ Nicholson

**Irish Society for Human Genetics, Dublin, September 2000**

**Autosomal dominant acute T-cell leukaemia/lymphoblastic T-cell lymphoma in an Irish family**

K. Becker, F. Breatnach, A.J. Green

**A case of Jacobsen syndrome in a neonate with del (11) (q23.3) and his mother with fra (11)(q23.3)**

Dunlop, P. McMahon, A.J. Green, R.L. Stallings

**Autosomal recessive colobomatous micro/anophthalmia in a consanguineous Irish traveller family**

M. Ni Chroinin, P. Tormey, S. Ennis, A.J. Green

**The phenotype of the E143X mutation in Irish families with hereditary breast/ovarian cancer**

N. Cody, N. Miller, C. Nolan, T. McDevitt, P.A. Daly, E. McDermott, D.E. Carney, D.E. Barton, A.J. Green

**Mutation detection in BRCA1 and BRCA2: An Irish study**

N. Miller, T. McDevitt, N. Miller, N. Cody, P.A. Daly, E. McDermott, D.E. Carney, A.J. Green, D.E. Barton

**A case of autism associated with del (2) (q32)**

L. Gallagher, G. Kearney, A. Dunlop, K. Becker, R. Stallings, A. Green, M. Fitzgerald, M. Gill

**Irish Paediatric Association Meeting, Dublin, 25<sup>th</sup> November 2000**

**Stave IVS Neuroblastoma – What's so special?**

M. O'Connell, A. O'Meara, F. Breatnach

**Intestinal neuronal dysplasia: Results of treatment in 33 patients**

J. Gillick, H. Tazawa, P. Puri

**Maternal and neonatal apoptosis at the time of delivery: A mechanism for bacterial susceptibility?**

E. Molloy, A.J. O'Neill, M. Sheridan-Pereira, J.M. Fitzpatrick, D.W. Webb, R.W.G. Watson

**Transcatheter perforation of atretic pulmonary valves**

A. Al-Hassan, K. Walsh, D. Duff, P. Oslizlok

**Internal anal sphincter achalasia: Outcome after internal sphincter myectomy**

D. De Caluwe, A. Yoneda, U. Akl, P. Puri

**Self mutilation in a 9 month old boy**

E. Dempsey, M. Farrell, D. Webb

**Autosomal recessive colobomatous micro/anophthalmia in a consanguineous Irish Traveller family**

M. NiChroinin, P. Tormey, S. Ennis, A.J. Green

**Paroviral-induced aplastic crisis in a child with stomatocytosis and giant platelets**

S. Abbas, A. O'Marcaigh, M. Conran

**Occlusion of an aberrant artery to a sequestered lobe of lung using a ductal occluder**

E. Crushell, K. Walsh, A. Saidi

**Immunodeficiency, renal transplant and lymphoproliferative disease: Is the glass half empty or half full?**

B. Elnazir, J. Leonard, A. O'Marcaigh, A. O'Meara, F. Breatnach

**Jejunioileal atresias and associated malformations: A correlation with timing of in-utero insult**

B. Sweeney, R. Surana, P. Puri

**Transcatheter occlusion of PDA with detachable coils**

N. Abdullah, A. Al-Hassan, D. Duff, P. Oslizlok, K. Walsh

**Hirschsprung's disease can be diagnosed on clinical findings: A model based on logistic regression analysis**

I. McAllister, A.C. Dick, B. Herron, J. Gillick, P. Puri, V.E. Boston

**Focally enhanced gastritis in children with Crohn disease and ulcerative colitis.**

F. Sharif, M. McDermott, M. Dillon, B. Drumm, M. Rowland, C. Imrie, S. Kelleher, B. Bourke

**HONOURS AND DISTINCTIONS**

**Professor Joe McMenamin**

Member of Ireland Committee, Royal College of Paediatricians and Child Health

Member of Examination Committee, Royal College of Paediatricians and Child Health

President, Ireland Branch of Ireland League Against Epilepsy

**Mr. Prem Puri**

Appointed to the Editorial Board of Archives of Pathology & Laboratory Medicine  
(Official Journal of the American College of Pathologists)

**Dr. Laszlo Nemeth**

Soave Prize, 2000

**Mr. Briain Sweeney**

Novartis Prize, 2000

**Mr. John Gillick**

CAPS Resident Prize 2000

**Dr. Aideen Byrne**

William Stokes Award 2000