

CURRICULUM VITAE FOR

**IMRAN MUSHTAQ
Consultant Paediatric Urologist**

**M.B., Ch.B., M.D., F.R.C.S.(Glasg.),
F.R.C.S.(Paed.)**

PROFESSIONAL RESUME

- Title: Consultant Paediatric Urologist
- Speciality: Paediatric Urology
- Specialisation: Reconstructive urology, bladder augmentation, minimally invasive/ laparoscopic surgery, hypospadias, bladder and cloacal exstrophy, intersex surgery
- NHS Hospital: Great Ormond Street Hospital for Children
Guy's Hospital, London
- Other Posts: Honorary Senior Lecturer, Institute of Child Health, London
- Memberships: British Association of Paediatric Urologists (BAPU)
European Society for Paediatric Urology (ESPU)
American Academy of Pediatrics (AAP)
British Association of Paediatric Surgeons (BAPS)
British Association of Paediatric Endoscopic Surgeons (BAPES)
International Pediatric Endosurgery Group (IPEG)
- Clinical Interests: Paediatric laparoscopic surgery in children: laparoscopic nephrectomy, laparoscopic heminephrectomy/ partial nephrectomy, laparoscopic pyeloplasty, laparoscopic varicocelectomy, laparoscopic orchidopexy, laparoscopic adrenalectomy. Posterior urethral valves, urinary incontinence, hydronephrosis, undescended testes, neuropathic bladder, duplex kidneys, cloacal anomalies and robotic surgery
- Research Interests: Laparoscopic/ robotic surgery, posterior urethral valves, testicular tumours, bladder exstrophy
- Year Qualified: 1989
- Pen Picture: I qualified in medicine from the University of Glasgow in 1989, with a distinction in Paediatric Surgery. I gained a Fellowship in General Surgery in 1993 and subsequently trained in Paediatric Surgery and Paediatric Urology in Great Ormond Street Hospital for Children, London. I was appointed Consultant Paediatric Urologist at Great Ormond Street Hospital for Children in 2001, specialising in laparoscopy and reconstructive surgery. I have pioneered laparoscopic urological procedures in children and am widely regarded as one of the leading paediatric

laparoscopic surgeons in the UK. I am part of a team which provides a tertiary referral practice for complex urological disorders such as bladder exstrophy and epispadias, reconstructive urology and intersex disorders. My practice philosophy is to empower parents and carers with the knowledge and understanding to make informed decisions about their child's condition and well-being.

Languages
Spoken:

English, Urdu, Punjabi, Hindi

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DATE OF BIRTH: 31 08 65

NATIONALITY: British

RELIGION/SECT: Muslim/ Sunni

QUALIFICATIONS: MB,ChB, MD, FRCS(Glasg.), FRCS(Paed.)

CCST AND DATE ON SPECIALIST REGISTER: 23rd January 2001, Paediatric Surgery

GMC NUMBER: 3343065

FAMILY STATUS: Married. Two children.

UNIVERSITY EDUCATION

1984 – 1989 University of Glasgow
MB, ChB

PRESENT POST

Consultant Paediatric Urologist
Great Ormond Street Hospital for Children NHS Trust and the Evelina
Children's Hospital, London, UK

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PERSONAL PROFILE

After completing my pre-registration house jobs, I spent 2 years as a senior house officer in general paediatrics and neonatology. These posts gave me insight into dealing with sick children, taught me a variety of practical skills and gave me confidence in myself. They also reinforced my desire to become a paediatric surgeon. I then ensured that I received a broad based training in general surgery before embarking on my paediatric surgical training. I have worked in a number of hospitals in London, as well as spending 1 year of my training in Sydney, Australia. Since my appointment as a Consultant Paediatric Urologist at Great Ormond Street Hospital and the Evelina Children's Hospital, I have continued to learn and develop my expertise in paediatric urology.

I have received a thorough training in research methodology whilst working for my MD thesis at the Institute of Child Health, London. Although initially funded by a personal donation, I completed a number of research grant applications before being awarded a substantive grant from the Children's Liver Disease Foundation.

For the past 12 years I have been involved with the training of medical students, junior doctors and nurses. I enjoy this responsibility and have attended courses on teaching and presentation skills. Whilst a specialist registrar in Sydney I became a registered APLS instructor and have taught on APLS provider courses.

Laparoscopic surgery has become an area of special interest and over the last 3 years I have been instrumental in developing this into an established technique in paediatric practice in the UK. I have lectured on this subject in a large number of courses and have demonstrated surgical techniques in international workshops.

I have always been an enthusiastic member of my department, I am prepared to work flexibly and work well in a team. I consider the team approach in medicine to be the most effective and rewarding. I consider myself to be a good communicator with good interpersonal skills.

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SUMMARY OF PROFESSIONAL EXPERIENCE

PAEDIATRIC UROLOGY

In January 2003 I was appointed as a full-time Consultant Paediatric Urologist at Great Ormond Street Hospital for Children and the Evelina Children's Hospital, London. I succeeded an established paediatric urologist and have inherited a large cohort of complex patients, in particular those with intersex disorders, bladder exstrophy and epispadias, cloacal exstrophy and posterior urethral valves. I have continued to expand my interest and experience in minimally invasive urology and have been successful in securing a substantial grant to purchase a laparoscopic robot system. This has enabled our department to continue our commitment to innovation and to explore new ways to perform surgery.

Great Ormond Street Hospital serves as a supra-regional referral unit for complex urological disorders, in particular bladder and cloacal exstrophy. We have a 20 bedded unit and are supported by a team of 4 clinical nurse specialists. We have a full-time perinatal urologist and an active research program. I work a 1 in 4 on-call rota with my paediatric urological colleagues. My areas of special interest include bladder exstrophy, intersex disorders, reconstructive urology and all forms of minimally invasive and robotic surgery.

The Evelina Children's Hospital (ECH) is a regional referral unit for nephrology in the South East of London, supported by 5 paediatric nephrologists. This unit has a total of 35 beds, shared between urology and nephrology. My job at ECH includes supporting the work of the nephrologists, looking after the surgical needs of our patients and dovetailing our expertise with that of the transplant surgeons. I encourage our nurses, both senior and students, to contribute to the discussions about the care of our patients as equal partners. I provide support to our clinical nurse specialists who provide a valuable continuum of care to our patients both within and outside the hospital setting.

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PAEDIATRIC AND NEONATAL SURGERY

Whilst training I have worked in a number of hospitals in London and Australia, during which time I have gained experience in the following areas:

- Urology; as a SpR in Paediatric Urology at Great Ormond Street Hospital I was involved with the daily management of the babies and children having both simple and complex reconstructive surgery. I participated in outpatient clinics, operating sessions, xray meetings and teaching programs.
- Laparoscopy; as an SpR at Great Ormond Street Hospital I was fortunate to work closely with Professor HK Tan, a leading paediatric laparoscopic surgeon. I learned a great deal about minimally invasive techniques for both gastrointestinal and urologic surgery. The experience I gained was very worthwhile and I hope will form the foundation for future developments in this area.
- Liver and kidney transplantation; the New Children's Hospital in Sydney was a supra-regional centre for paediatric liver and kidney transplantation. During my time in this hospital I worked for 6 months with the principal transplant surgeon and assisted with many kidney and liver transplants. I also learned to perform access procedures for haemodialysis and peritoneal dialysis.
- Paediatric burns; the New Children's Hospital in Sydney is also a regional burns unit for New South Wales, handling in excess of 500 patients annually. I managed such patients both in the acute setting and in the definitive management of their injuries. The techniques I learned in this hospital have proved to be very useful in penile reconstructive surgery.

TEACHING

As a consultant at Great Ormond Street Hospital and the Evelina Children's Hospital I have an active part in the teaching of medical students from the GKT medical school, in lectures, clinics and ward rounds. We have elective students on a regular basis, whom I actively encourage to attend my clinics and operating lists. Student nurses from the wards regularly attend my clinics and operating sessions. I find this particularly rewarding it helps to breakdown barriers and promotes the team philosophy.

I have extensive experience in conducting surgical workshops, with particular emphasis on demonstrating surgical and laparoscopic techniques. I have conducted workshops both within the UK and internationally.

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AUDIT

Throughout my career I have undertaken medical audit, both from the point of view of collecting and collating data about my own patients and also as a part of our departmental audit process. Audit forms the backbone of clinical governance, but in order for it to be useful it has to be carefully planned and implemented, with a clearly defined purpose.

MANAGEMENT

I am an active member of the Specialist Training Committee (STC) for Paediatric Surgery in the Oxford, London and Southampton training consortium. I am responsible for the appointment, appraisal and the training of our 5 higher surgical trainees in paediatric urology. I have also submitted an application to become an executive committee member of the European Society for Paediatric Urology.

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RESEARCH

Soon after starting my training in paediatric surgery, the opportunity arose for me to undertake a substantive research project at the Institute of Child Health, London under the supervision of Professor PT Clayton. My MD project took just under 2 years to complete and contained a large amount of laboratory work. I learned to:

- Conceive and devise protocols for clinical research
- Guide research proposals through ethics committees
- Complete grant applications to support my research
- Recruit patients to research projects
- Devise and validate chemical assays
- Collaborate with the scientific industry
- Collate the data collected
- Perform detailed statistical analyses of complex data
- Present my data at scientific meetings
- Prepare my data for publication in peer reviewed journals

The title of my MD thesis is 'Newborn screening for cholestatic hepatobiliary disease by the measurement of blood spot bile acids with tandem mass spectrometry'. I investigated the feasibility of screening newborn infants for cholestatic hepatobiliary disease, in particular extrahepatic biliary atresia, by the detection of raised concentrations of conjugated bile acids in the dried blood spots collected routinely for the Guthrie test. The research involved a retrospective analysis of blood spot bile acids in children with proven hepatobiliary diseases and in a comparison group of age-matched controls from the general population. I was responsible for locating the neonatal Guthrie screening cards of the study group, retrieving any unused blood spots and performing the analyses. In order to validate the data I needed to study the effect of storage time and conditions on the stability of the bile acids, as some dried blood spot samples were 15 years old. ROC curve analyses were utilised to determine the suitability of the assay for the purpose of neonatal screening.

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PUBLICATIONS

Papers

- Arya M, Shergill IS, Gommersall L, Barua JM, Duffy PG, **Mushtaq I**. Current trends in the management of Wilms' tumour. *BJU Int*. 2006 May;97(5):899-900
- Haleblan G, Kraklau D, Wilcox DT, Duffy PG, Ransley PG, **Mushtaq I**. Y-type urethral duplication in the male. *BJU Int*. 2006 Mar;97(3):597-602
- Makepeace KC, Sellatary S, **Mushtaq I**, Sebire SJ. Benign cystic nephroma. *Br J Hosp Med (Lond)*. 2006 Jan;67(1):45
- Gommersall L, Arya M, Duffy PG, **Mushtaq I**. Current challenges in Wilms' tumor management. *Nat Clin Pract Oncol*. 2005 Jun;2(6):298-304
- Greening JE, Brain CE, Perry LA, **Mushtaq I**, Sales Marques J, Grossman AB, Savage MO. Efficient short-term control of hypercortisolaemia by low-dose etomidate in severe paediatric Cushing's disease. *Horm Res*. 2005;64(3):140-3
- Johal N, Kraklau D, Deniz K, **Mushtaq I**. An unusual case of a prenatally detected large mullerian duct remnant. *Pediatr Surg Int*. 2005 Sep;21(9):764
- Godbole PP, **Mushtaq I**, Wilcox DT. Follow-up after unilateral nephrectomy in children: is an estimate of glomerular filtration rate necessary? *BJU Int*. 2005 Mar;95(4):635-7
- Zaidi T, Sebire N, **Mushtaq I**. Alveolar rhabdomyosarcoma of the bladder in a child. *Pediatr Surg Int*. 2006 May;22(5):474-6
- Kumar N, Hegarty P, Johal N, Ismail N, Mushtaq I. Transpubic radical prostatectomy: a novel approach for rhabdomyosarcoma of the prostate in children. *Pediatr Surg Int*. 2006 May;22(5):453-5
- Booth C, **Mushtaq I**, Rigden S. Bilateral laparoscopic nephrectomy with simultaneous peritoneal dialysis: a new era. *Pediatr Nephrol*. 2004 Aug;19(8):932-4.
- Creighton S, Ransley PG, Duffy PG, Wilcox DT, **Mushtaq I**, Cuckow P et al Regarding the consensus statement on 21-hydroxylase deficiency from

the Lawson Wilkins Pediatric Endocrine Society and the European Society for Paediatric Endocrinology. *J Clin Endocrinol Metab.* 2003 Jul;88(7):3455

- **Mushtaq I**, Martin HCO Atypical mycobacterial disease in children: a personal series. *Pediatr Surg Int.* 2002 Dec;18(8):707-11
- **Mushtaq I**, Fung M, Glasson MJ Retrospective review of paediatric patients with acute scrotum. *ANZ J Surg.* 2003 Jan-Feb;73(1-2):55-8.
- **Mushtaq I**, Logan S, Morris M, Johnson AW, Wade AM, Kelly D, Clayton PT. Screening of newborn infants for cholestatic hepatobiliary disease with tandem mass spectrometry. *BMJ* 1999 Aug; 319:471-7.
- **Mushtaq I**, Wright VM, Drake DP, Wood CBS, Mearns MB. Meconium ileus secondary to cystic fibrosis - The East London Experience. *Ped Surg Int* 1998 July; 13(5-6): 365-9.
- Mills K, **Mushtaq I**, Johnson AW, Whitfield P, Clayton PT. A method for the quantitation of conjugated bile acids in dried blood spots using electrospray ionization - mass spectrometry. *Pediatr Res* 1998; 43(3): 361-368.
- Misra D, **Mushtaq I**. Surface umbilical pyloromyotomy. *Eur J Paed Surg.* 1997 July; 7:1-2.
- **Mushtaq I**, Misra D, Gordon I, Wright VM. Pneumatic intussusception reduction via a colostomy: case report. *J Pediatr Surg.* 1996 Dec; 31(12): 1701-1702.
- **Mushtaq I**, Carachi R, Roy G, Azmy A. Childhood renal tumours with intravascular extension. *Br J Urol.* 1996 Nov; 78(5): 772-776.
- Misra D, **Mushtaq I**. Drake DP, Kiely EM, Spitz L. Associated urologic anomalies in low imperforate anus are capable of causing significant morbidity: a 15 year experience. *Urology.* 1996 Aug; 48(2): 281-283.
- **Mushtaq I**. Laparoscopic surgery and surgical training. *Clinical Risk.* 1995 Apr; 309:116-117.
- Talbot EM, Thorpe AW, **Mushtaq I**. Controlled-tension suture-tying forceps. *JR Coll Surg Edinb.* 1991 Oct; 36(5): 328-330.

Papers accepted for publication

- Garg S, Gundeti M, **Mushtaq I**. The Single Instrument Port Laparoscopic (S.I.M.P.L.) Nephrectomy. Accepted for publication in Journal of Paediatric Urology.
- Gundeti M, **Mushtaq I**. Robotic (Da vinci) assisted laparoscopic correction of paediatric retrocaval ureter. Accepted for publication in Journal of Laparoendoscopic and Advanced Surgical Techniques.
- Godbole P, **Mushtaq I**, Wilcox DT, Duffy PG. Laparoscopic transposition of lower pole vessels - the 'vascular hitch': An alternative for pelviureteric junction obstruction in children. Accepted for publication in Journal of Paediatric Urology.
- Law H, **Mushtaq I**, Williams S, Arya M, Sebire NJ. Immature testicular germ cells detected using placental alkaline phosphatase (PLAP) and c-kit (CD117) immunostaining in relation to risk of germ cell malignancy in children with XY intersex and isolated cryptorchidism. Accepted for publication in Fetal and Paediatric Pathology.
- **Mushtaq I**, Haleblan G. Laparoscopic heminephrectomy in infants and children: first 54 cases. Accepted for publication in Journal of Paediatric Urology.
- Lopez PJ, Pierro A, Curry J, **Mushtaq I**. Retroperitoneoscopic adrenalectomy: An early institutional experience. Accepted for publication in Journal of Paediatric Urology.
- Ismail M, Kumar N, Taghizadeh A, Hegarty P, **Mushtaq I**. Ibuprofen induced papillary necrosis causing bilateral ureteric obstruction. Accepted for publication in Journal of Paediatric Urology.
- Lopez PJ, **Mushtaq I**, Curry J. Laparoscopic inguinal herniotomy in bladder exstrophy: A new solution to an old problem. Accepted for publication in Journal of Paediatric Urology.

Letters to the Editor

- **Mushtaq I**, Harris C. Laparoscopic cholecystectomy in surgical training [letter] BMJ. 1994 Nov 5; 309(6963):1232.

Book Chapters

- **Mushtaq I.** Laparoscopic nephrectomy and heminephrectomy. In: Spitz L, Coran, A, editors. Rob and Smith's Operative Paediatric Surgery. Butterworth-Heinemann Ltd
- **Mushtaq I.** Circumcision, meatotomy and meatoplasty. In: Spitz L, Coran, A, editors. Rob and Smith's Operative Paediatric Surgery. Butterworth-Heinemann Ltd
- **Mushtaq I,** Gundeti M. Congenital anomalies of the urethra and bladder. In: Godbole P, Wilcox DT, editors. Clinical problems in Paediatric Urology Blackwell Publishing Ltd
- **Mushtaq I,** Drake DP. Inguinal hernia in an infant. In: Hornick P, Lumley J, Pierce G, editors. Case presentations for the MRCS and AFRCS, Vol 2. Oxford, Butterworth-Heinemann Ltd; 1997. Pages 144-147.
- **Mushtaq I,** Drake DP. Infantile groin swellings. In: Hornick P, Lumley J, Pierce G, editors. Case presentations for the MRCS and AFRCS, Vol 3. Oxford, Butterworth-Heinemann Ltd; 1997. Pages 70-71.

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PRESENTATIONS

International Meetings

- Natural history of testicular regression syndrome. European Society of Paediatric Urology, XVII Annual Meeting, Athens, Greece, April 2006. (*Oral presentation*)
- The role of magnetic resonance angiography to identify crossing renal vessels in children with intermittent pelviureteric junction obstruction. European Society of Paediatric Urology, XVII Annual Meeting, Athens, Greece, April 2006. (*Oral presentation*)
- Natural history of testicular regression syndrome. European Association of Urology, Annual Scientific Meeting, Paris, France, April 2006. (*Poster presentation*)
- Contrast-enhanced MR Angiography for the Detection of crossing renal Vessels as a Cause of Symptomatic Pediatric Uretero-Pelvic Junction Obstruction: Comparison with Operative Findings. Radiological Society of North America, November 2005, Chicago, USA (*Oral presentation*)
- Immature testicular germ cells detected using placental alkaline phosphatase (PLAP) and c-kit (CD117) immunostaining in relation to risk of germ cell malignancy in children with XY intersex and isolated cryptorchidism. Pathological Society of Great Britain, Newcastle, UK, July 2005 (*Poster presentation*)
- The histopathology of testicular regression syndrome (vanished testis): 117 consecutive cases from a paediatric pathology department. Pathological Society of Great Britain, Newcastle, UK, July 2005 (*Poster presentation*)
- Paediatric testicular and paratesticular pathology: Histopathological spectrum and relative distribution. Pathological Society of Great Britain, Newcastle, UK, July 2005 (*Poster presentation*)
- Which approach? Transperitoneal or Retroperitoneal, for paediatric laparoscopic nephrectomy – 100 consecutive cases. British Association of Urological Surgeons, Annual Meeting, Glasgow, Scotland, September 2005. (*Oral presentation*)

- The role of bulking agents in the management of urinary incontinence in children with exstrophy-epispadias complex. British Association of Urological Surgeons, Annual Meeting, Glasgow, Scotland, September 2005. (*Oral presentation*)
- A spectrum of phenotypes in 46XY individuals with combined 17 α -hydroxylase/17,20-lyase deficiency. European Society for Paediatric Endocrinology Annual Meeting, Lyon, France, April 2005. (*Oral presentation*)
- Laparoscopic transposition of lower pole vessels - the 'vascular hitch': An alternative for pelviureteric junction obstruction in children. European Society of Paediatric Urology, XVI Annual Meeting, Uppsala, Sweden, April 2005. (*Oral presentation*)
- Laparoscopic transposition of lower pole vessels - the 'vascular hitch': An alternative for pelviureteric junction obstruction in children. European Society of Paediatric Urology, XVI Annual Meeting, Uppsala, Sweden, April 2005. (*Video presentation*)
- Outcome following vaginal reconstruction. European Society of Paediatric Urology, XVI Annual Meeting, Uppsala, Sweden, April 2005. (*Oral presentation*)
- The single instrument port laparoscopic (SIMPL) nephrectomy. International Paediatric Endosurgery Group, Annual Scientific Meeting, March 2005, Venice, Italy. (*Oral presentation*)
- Bilateral synchronous retroperitoneoscopic nephrectomy (RPN) with simultaneous peritoneal dialysis: a new era in the management of paediatric ESRD. International Paediatric Endosurgery Group, Annual Scientific Meeting, March 2005, Venice, Italy. (*Oral presentation*)
- Which approach? Transperitoneal or Retroperitoneal, for paediatric laparoscopic nephrectomy – 100 consecutive cases. International Paediatric Endosurgery Group, Annual Scientific Meeting, March 2005, Venice, Italy. (*Oral presentation*)
- Laparoscopic transposition of lower pole vessels - the 'vascular hitch': An alternative for pelviureteric junction obstruction in children. International Paediatric Endosurgery Group, Annual Scientific Meeting, March 2005, Venice, Italy. (*Oral presentation*)
- Retroperitoneoscopic adrenalectomy: an early institutional experience. International Paediatric Endosurgery Group, Annual Scientific Meeting, March 2005, Venice, Italy. (*Oral presentation*)

- Laparoscopic nephrectomy in children: 100 consecutive cases. European Society of Paediatric Urology XV Congress, April 2004, Regensburg, Germany. (*Oral presentation*)
- Laparoscopic heminephrectomy: the initial experience. European Society of Paediatric Urology XV Congress, April 2004, Regensburg, Germany. (*Oral presentation*)
- Y-type urethral duplications. European Society of Paediatric Urology XV Congress, April 2004, Regensburg, Germany. (*Oral presentation*)
- Laparoscopic heminephrectomy in infants and children: Is it any good? British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting. September 2004, Paris. (*Oral presentation*)
- How long will my child's operation take? British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting. September 2004, Paris. (*Oral presentation*)
- The single instrument port laparoscopic (SIMPL) nephrectomy. British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting. September 2004, Paris. (*Oral presentation*)
- The posterior retroperitoneoscopic approach to renal surgery in children. World Congress of Endourology. October 2003, Montreal, Canada. (*Poster presentation*)
- Is nephroureterectomy effective preventing recurrent UTIs in children with a unilateral poorly functioning kidney? European Society of Paediatric Urology. April 2002, Budapest, Hungary. (*Poster presentation*)
- Atypical mycobacterial disease in children – a personal series. Australian Association of Surgeons. March 2001, Brisbane, Australia. (*Oral presentation*)
- The acute scrotum in childhood. Australian Association of Surgeons. April 2000, Melbourne, Australia. (*Oral presentation*)
- Newborn Screening for Cholestatic Hepatobiliary Disease. Society for the Study of Inborn Errors of Metabolism Annual Scientific Meeting. September 1998, Birmingham. (*Poster Presentation*)
- Newborn Screening for Cholestatic Hepatobiliary Disease. Royal College of Paediatrics and Child Health 2nd Annual Meeting. April 1998, York. (*Oral presentation*)

- Meconium Ileus Secondary to Cystic Fibrosis - The East London Experience. Royal College of Paediatrics and Child Health 1st Annual Meeting. April 1997 York. (*Oral presentation*)

National and Regional Meetings

- Retroperitoneoscopic resection of a large cystic phaeochromocytoma in a child. British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting. November 2003, Leeds. (*Oral presentation*)
- The role of minimally invasive surgery in the management of children with chronic renal failure. British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting. November 2003, Leeds. (*Oral presentation*)
- Newborn Screening for Cholestatic Hepatobiliary Disease, London Paediatric Surgeons Group Meeting. November 1998, London. (*Oral presentation*)
- The White Forelock. London Paediatric Surgeons Group Meeting. February 1996, London. (*Oral presentation*)
- Intravascular Extension of Childhood Renal Tumours. UKCCSG Annual Scientific Meeting. May 1995, Cambridge. (*Oral presentation*)
- Diagnostic Dilemmas in Paediatric Surgery. Scottish Society of Paediatric Surgeons. March 1994, Edinburgh. (*Oral presentation*)

INVITED LECTURES

- What the urologist wants from nuclear medicine. European Society for Paediatric Urology, Athens, Greece, April 2006.
- Management of the impalpable testis. Clinical Operative Paediatric Urology course, Leeds, March 2006.
- Voiding dysfunction. Nephrourology Week, Institute of Child Health, London, UK, March 2006.
- Laparoscopic nephrectomy. Clinical Operative Paediatric Urology course, Leeds, March 2006.
- Laparoscopic pyeloplasty. Clinical Operative Paediatric Urology course, Leeds, March 2005.

- Laparoscopy in the management of chronic renal failure. Nephrourology Week, Institute of Child Health, London, UK, March 2005.
- The emerging role of minimally invasive techniques in paediatric urology. Turkish Association of Paediatric Surgeons Annual Congress. September 2004, Bursa, Turkey.
- The postnatal management of prenatally detected hydronephrosis. Turkish Association of Paediatric Surgeons Annual Congress. September 2004, Bursa, Turkey.
- The single instrument port laparoscopic (SIMPL) nephrectomy. Turkish Association of Paediatric Surgeons Annual Congress. September 2004, Bursa, Turkey.
- Prenatally detected hydronephrosis. October 2004. Jersey General Hospital.
- Robotic pyeloplasty. Robotic urology Symposium, Guy's and St Thomas' Hospital, London. February 2004.
- Minimal access surgery in paediatric urology. Leeds, Sheffield, Nottingham and Leicester Paediatric Surgery Consortium SpR Training Day, Nottingham. February 2004.
- Posterior urethral valves. Leeds, Sheffield, Nottingham and Leicester Paediatric Surgery Consortium SpR Training Day, Nottingham. February 2004.

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OTHER INFORMATION

I am a fellow of the Royal College of Physicians and Surgeons of Glasgow, a member of the European Society of Paediatric Urology, the British Association of Paediatric Urologists and the British Association of Paediatric Endoscopic Surgeons.

Postgraduate courses and meetings

- European Society of Paediatric Urology, XVII Annual Meeting, Athens, Greece, April 2006.
- British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting, Southampton, November 2005
- International Paediatric Endosurgery Group, Annual Scientific Meeting, Venice, Italy, March 2005.
- British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting, Paris, November 2004
- European Society of Paediatric Urology, XV Annual Meeting, Regensburg, Germany, April 2004.
- British Association of Paediatric Endoscopic Surgeons Annual Scientific Meeting, Leeds, November 2003.
- ESPU Workshop on Ambiguous Genitalia, Lyon, France, March 2003.
- European Society of Paediatric Urology, XIII Annual Meeting, Budapest, Hungary, April 2002.
- European Society of Paediatric Urology, XII Annual Meeting, Aarhus, Denmark, April 2001.
- International Paediatric Endosurgery Group, Annual Scientific Meeting, Brisbane, Australia, March 2001.
- British Association of Paediatric Surgeons, XLIV Annual Congress, Sorrento, Italy, July 2000.
- Laparoscopic Surgical Skills – Animal Workshop, CSIRO Animal Laboratory, Sydney, Australia, August 1999.

- Management Course for Specialist Registrars in Surgical Specialities, Keele University, July 1998
- The Surgical Treatment of Anorectal Malformations, Leeds, September 1997.
- British Association of Paediatric Surgeons, XLIV Annual Congress, Istanbul, Turkey, July 1997
- Paediatric Gastroenterology Symposium, Leicester, June 1997
- Oncology for the Paediatric Surgeon (UKCCSG), Bristol, April 1997
- British Association of Paediatric Surgeons, XLIII Annual Congress, Jersey, July 1996
- European Society of Paediatric Intensive Care, 7th European Congress, Cambridge, September 1995
- UKCCSG Annual Scientific Meeting, Cambridge, May 1995
- Essentials of Laparoscopic Surgery, Dundee, January 1995

HOBBIES AND INTERESTS

Outside of work I like to give my time to my wife and 2 young children. Time permitting, I enjoy cycling, swimming, travelling and reading novels.

REFEREES

- [1] Mr Patrick Duffy
Consultant Paediatric Urologist
Great Ormond Street Hospital for Children
Great Ormond Street
London.

- [2] Mr Philip Ransley
Consultant Paediatric Urologist
234 Great Portland Street
London.

- [3] Dr William Vant Hoff
Consultant Paediatric Nephrologist and Clinical Director
Great Ormond Street Hospital for Children
Great Ormond Street
London.