Melbourne Paediatric Colorectal Course
with Dr Marc Levitt

18–20 October 2016
Welcome

The Royal Children’s Hospital (RCH) is delighted to welcome Dr Marc Levitt for the first time to the Melbourne Paediatric Colorectal Course.

The Melbourne Paediatric Colorectal Course is a three-day interactive event, with panel discussions, case presentations and live operating via video link. The course will promote a collaborative approach to the management of colorectal conditions, with opportunities for participants to recommend clinical cases for discussion.

Dr Marc Levitt is the world’s leading expert on colorectal surgical conditions, following 25 years of collaboration with Dr Alberto Peña. He is the inaugural Surgical Director of the Center for Colorectal and Pelvic Reconstruction (CCPR) at Nationwide Children’s Hospital, and Professor of Surgery and Paediatrics at the Ohio State University.

The CCPR aligns specialists within GI, colorectal, paediatric surgery, urology and gynaecology to create a comprehensive treatment program assisting children with these complex disorders. He also serves as the Program Director for the Paediatric Colorectal Surgery Fellowship.

Marc will discuss his extensive experience in re-do surgery for Hirschsprung disease and anorectal malformations.

Invited faculty include Richard Wood (Paediatric Colorectal Surgeon, Nationwide Children’s Hospital), Jeffrey Avansino (Paediatric Surgeon, Seattle Children’s Hospital), Kate McCracken (Paediatric Gynaecologist, Nationwide Children’s Hospital), Onnalisa Nash (Continence Nurse, Nationwide Children’s Hospital) and Ashley Bober (Continence Nurse, Nationwide Children’s Hospital).

The Melbourne Paediatric Colorectal Course is kindly supported by the Royal Australasian College of Surgeons, and the Departments of Paediatric Surgery and Urology at The Royal Children’s Hospital Melbourne.
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<td>0800</td>
<td><strong>Welcome</strong></td>
<td>Professor Christine Kilpatrick  Chief Executive Officer, RCH</td>
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<td>Mr Sebastian King  Paediatric Surgeon, RCH</td>
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<td>0830</td>
<td><strong>Anorectal malformations: Newborn</strong></td>
<td>Moderator: Marc Levitt</td>
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<td>Panel: Jeffrey Avansino, Torey Lawrence, Liz McLeod, Richard Wood</td>
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<td>• Perineal examination</td>
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<td>• The neonatal primary repair</td>
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<td>• Colostomy formation — tips and tricks</td>
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<td>0915</td>
<td><strong>Case discussion — Case 1</strong></td>
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<td>0930</td>
<td><strong>Live operating demonstration</strong></td>
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<td>1100</td>
<td><strong>Live operating demonstration (plus video)</strong></td>
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<td>1200</td>
<td><strong>Anorectal malformations: Repair</strong></td>
<td>Moderator: Richard Wood</td>
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<td>Panel: Parshotam Gera, Marc Levitt, Kate McCracken, Liz McLeod</td>
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<td>• Pre-operative radiology — the perfect colostogram</td>
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<td>• How do male repairs differ from female repairs?</td>
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<td>• Choosing between PSARP and LAARP</td>
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<td>• Post-operative management — indications for reoperation</td>
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<td>1300</td>
<td><strong>Lunch</strong></td>
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<td>1330</td>
<td><strong>Case discussion — Case 2</strong></td>
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<td>1400</td>
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<td>1545</td>
<td><strong>Afternoon tea</strong></td>
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<td>1600</td>
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<td><strong>Gynaecology</strong></td>
<td>Moderators: Sonia Grover, Kate McCracken</td>
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<td>Panel: Mike O’Brien, Richard Wood</td>
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<td>• Gynaecological concerns in anorectal malformations</td>
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<td>• Cloaca — assessment and repair</td>
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<td>• Urogenital sinus — assessment and repair</td>
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<td>• Rectovaginal fistula — repair</td>
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<td>• Mullerian remnants — assessment</td>
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<td>• Transitional care</td>
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<td>1800</td>
<td><strong>Long-term follow-up</strong></td>
<td>Moderator: Camille Wu</td>
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<td>Panel: Susan Adams, Jeffrey Avansino, Ashley Bober, Onnalisa Nash</td>
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<td>Designing the perfect colorectal follow-up clinic</td>
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<td>1900</td>
<td><strong>Faculty dinner</strong></td>
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### Day 2  Wednesday 19 October

**0730 - 1830  Ella Latham Auditorium, The Royal Children’s Hospital**

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| 0730 – 0900 | **Hirschsprung disease: Newborn**  
**Moderator:** Jeff Avansino  
**Panel:** Susan Adams, Marc Levitt, Richard Wood  
• Newborn evaluation  
• The contrast enema — no longer needed?  
• The rectal biopsy  
• Pre-operative management  
• The neonatal primary repair  
• Pull-through techniques  
• Unusual pathology — total colonic disease, hepatic flexure transition zone |
| 0900 – 0915 | **Case discussion** — Case 3 |
| 0915 – 1030 | **Live operating demonstration** (plus pathological interpretation) |
| 1015 – 1030 | Morning tea |
| 1030 – 1200 | **Live operating demonstration** (plus pathological interpretation) |
| 1200 – 1230 | Lunch |
| 1230 – 1330 | **Grand Rounds: Dr Marc Levitt**  
**Introduction from Mr Sebastian King and Professor Trevor Duke**  
The ‘Center’ Concept: is a multi-disciplinary approach the future of medicine? |
| 1330 – 1430 | **Hirschsprung disease: Post-operative**  
**Moderator:** Marc Levitt  
**Panel:** Ashley Bober, Amiria Lynch, Onnalisa Nash, Richard Wood, Camille Wu  
• Obstructive complications — radiology, pathology  
• Incontinence complications — radiology, pathology  
• Enterocolitis  
• Botox  
• The role of reoperation  
• Quality of life |
| 1430 – 1445 | **Case discussion** — Case 4 |
| 1430 – 1600 | **Live operating demonstration** (plus pathological interpretation) |
| 1545 – 1600 | Afternoon tea |
| 1600 – 1730 | **Live operating demonstration** (plus pathological interpretation) |
| 1730 – 1830 | **Pathology**  
**Moderator:** Duncan McGregor  
**Panel:** CW Chow, John Hutson, Richard Wood  
• The suction rectal biopsy for Hirschsprung disease  
• The intra-operative assessment of Hirschsprung disease — doughnut?  
• Interpretation in the patient with post-operative complications  
• Neuronal intestinal dysplasia  
• Skip lesions in Hirschsprung disease |
| 1900 | **Conference dinner**  
Wednesday 19 October  
**Matteo’s** — 533 Brunswick Street, Fitzroy North |
Day 3  Thursday 20 October

0730 – 1800  Vernon Collins Lecture Theatre, The Royal Children’s Hospital

0730 – 0830  **Urology**
**Moderator:** Yves Heloury
**Panel:** Sarah Giutronich, John Hutson, Marc Levitt, Mike O’Brien, Neil Price
- Cloaca — role of the cloacagram in urological planning
- Cloaca — continence
- Neurogenic bladder in anorectal malformations
- The role for urodynamics
- Robotic reconstruction

0830 – 0900  **Colorectal Tips and Tricks**
**Moderator:** Marc Levitt

0900 – 0915  **Case discussion** — Case 5

0915 – 1030  **Live operating demonstration**

1000 – 1030  **Morning tea**

1030 – 1230  **Live operating demonstration**

1230 – 1300  **Lunch**

1300 – 1500  **Continence nursing**
**Moderator:** Judy Wells
**Panel:** Carmen Akaoui, Jeffrey Avansino, Ashley Bober, Onnalisa Nash
- Anorectal malformations — pre-operative and post-operative care
- Hirschsprung disease — pre-operative and post-operative care
- Faecal incontinence — bowel management

1500 – 1600  **Attendees’ interesting cases**
**Moderator:** Sebastian King
**Panel:** Jeffrey Avansino, Sarah Giutronich, Neil Price, Russell Taylor

1600 – 1630  **The RCH experience**
**Moderator:** Sebastian King
- Anorectal malformations — screening for associated anomalies
- Anorectal malformations — delayed diagnosis
- Anorectal malformations — quality of life outcomes
- Hirschsprung disease — incidence of enterocolitis
- Hirschsprung disease — quality of life outcomes

1630 – 1730  **The patient and family perspective**
**Moderator:** Sebastian King
**Panel:** Bridgette Liedtke, Kate McCracken, Greg Ryan, Camille Wu

1730 – 1745  **Close**
Mr Sebastian King
Dr Marc Levitt
Surgical Director, Center for Colorectal and Pelvic Reconstruction, Nationwide Children’s Hospital, Ohio
Marc Levitt is the world’s leading expert on colorectal surgical conditions, following 25 years of collaboration with Dr Alberto Peña. He is the inaugural Surgical Director of the Center for Colorectal and Pelvic Reconstruction (CCPR) at Nationwide Children's Hospital, and Professor of Surgery and Paediatrics at the Ohio State University. The CCPR aligns specialists within GI, Colorectal, Paediatric Surgery, Urology and Gynaecology to create a comprehensive treatment program assisting children with these complex disorders. He also serves as the Program Director for the Paediatric Colorectal Surgery Fellowship.

Dr Richard Wood
Paediatric Colorectal Surgeon, Nationwide Children’s Hospital, Ohio
Richard Wood, MD, is a paediatric surgeon serving as the Associate Director of the Center for Colorectal and Pelvic Reconstruction at Nationwide Children's Hospital and Assistant Professor of Surgery at The Ohio State University. He trained in General Surgery in the United Kingdom and South Africa and completed his Paediatric Surgery training at the Red Cross Children's Memorial Hospital in Cape Town. He subsequently completed a Paediatric Colorectal Fellowship at Nationwide Children's. His areas of interest are complex pelvic reconstructive surgery, including anorectal malformations, cloacal malformations, Hirschsprung disease and inflammatory bowel disease, as well as outcomes research in colorectal surgery.

Dr Jeffrey Avansino
Paediatric Surgeon, Seattle Children’s Hospital, Washington
Jeffrey Avansino, MD, is an Associate Professor of Surgery at the University of Washington and an attending paediatric surgeon in the Division of Paediatric General and Thoracic Surgery at Seattle Children's Hospital. Dr Avansino earned his medical degree from the University of Nevada, School of Medicine in 1999 and completed his residency at the University of Washington in 2006. From 2002 to 2004, he served as a research fellow at the VA Medical Center in Seattle, studying intestinal stem cell transplantation. In 2008, he completed his fellowship training in paediatric surgery at Seattle Children's Hospital.

Dr Kate McCracken
Paediatric Gynaecologist, Nationwide Children’s Hospital, Ohio
Kate McCracken, MD, is a distinguished member of Nationwide Children's Paediatric and Adolescent Gynaecology team. Dr McCracken’s diverse clinical and research interests include müllerian anomalies, vaginal agenesis and hymenal abnormalities.

Dr McCracken has a long history of academic and clinical research — from her first peer reviewed published work as an undergraduate at Kalamazoo College in Kalamazoo, MI, to her latest publication in the journal seminars in Paediatric Surgery. As a fellow at Kosair Children’s Gynaecology Specialists at Kosair Children's Hospital in Louisville, KY, Dr McCracken investigated the use of norethindron acetate for the management of bothersome bleeding associated with the etonogestrel contraceptive implant. Dr McCracken was also actively involved in research during medical school at Wayne State University School of Medicine in Detroit and during residency at The Ohio State University.

Onnalisa Nash
Paediatric Continence Nurse Specialist, Nationwide Children’s Hospital, Ohio
Onnalisa Nash is a member of the Center for Colorectal and Pelvic Reconstruction (CCPR) at Nationwide Children's Hospital. She completed her Masters of Science in Nursing degree as a Paediatric Nurse Practitioner at The Ohio State University in Columbus, Ohio. Her previous experience includes working in the Neonatal Intensive Care Unit and as a wound, ostomy, and continence nurse. Onnalisa has worked for Nationwide Children's Hospital since 2005 and joined the CCPR team in May 2014. She is a Certified Paediatric Nurse Practitioner specialising in paediatric colorectal and pelvic reconstruction issues such as Anorectal Malformations, Hirschsprung Disease and other disorders of the bowel. She has lectured nationally and internationally at Paediatric Colorectal and Pelvic Reconstruction Conferences and is active in the American Paediatric Surgical Nurses Association.

Ashley Bober
Paediatric Continence Nurse Specialist, Nationwide Children’s Hospital, Ohio
Ashley Bober is a member of the nursing team for the Center for Colorectal and Pelvic Reconstruction (CCPR) at Nationwide Children’s Hospital. She received a Bachelor of Science in Nursing from Chamberlain College of Nursing in Columbus, Ohio. She is enrolled in the Master of Science Paediatric Nurse Practitioner program at The Ohio State University in Columbus, Ohio. Ashley worked in the Neonatal Intensive Care Unit at Nationwide Children’s Hospital before joining the CCPR team in September 2014. She has lectured internationally at Paediatric Colorectal and Pelvic Reconstruction Conferences.
Mr Sebastian King  
**Paediatric Surgeon, The Royal Children's Hospital**  
Mr Sebastian King is a paediatric surgeon with a subspecialty interest in colorectal conditions affecting neonates and children. He completed his PhD in 2008 with The University of Melbourne at The Royal Children's Hospital. His research focused upon the motility patterns of children affected by slow transit constipation. His PhD was supported by scholarships from the Royal Australasian College of Surgeons and the NHMRC. Following completion of his paediatric surgical training at The Royal Children’s Hospital, he underwent fellowship surgical training at The Hospital for Sick Children, Toronto, Canada.  
Mr King’s clinical role at The Royal Children's Hospital is now focused upon children born with anorectal malformations or Hirschsprung disease, and those affected by chronic constipation. His ongoing research is supported by his MCRI Career Development Award. He is the recent recipient of the Royal Australasian College of Surgeons Senior Lecturer Fellowship.

Dr Liz McLeod  
**Paediatric Surgeon, The Royal Children’s Hospital**  
Dr Liz McLeod is a paediatric surgeon with Fellowships of the Royal Australasian College of Surgeons in General and Paediatric Surgery. Following completion of her paediatric surgical training at The Royal Children’s Hospital, she underwent a surgical fellowship at Great Ormond Street Hospital, London.  
Dr McLeod has focused upon colorectal surgery, with a particular interest in anorectal malformations and Hirschsprung disease. In addition to her surgical interests, she has recently completed a Masters in Public Health, focusing upon global health. She currently chairs the Pacific Islands Project Evaluation and Monitoring Committee on behalf of the Royal Australasian College of Surgeons.

Professor Yves Heloury  
**Paediatric Urologist, The Royal Children’s Hospital**  
Professor Yves Heloury is a paediatric urologist and surgeon at The Royal Children’s Hospital. He is a Fellow of the European Academy of Paediatric Urology and worked for more than 20 years at the Nantes University Hospital in France as Head of Paediatric Surgery. Following his move to Melbourne, Professor Heloury has focused upon the surgical management of children with urological conditions, anorectal malformations and malignancy. In addition to writing more than 100 referenced papers, Professor Heloury is the current Medical Director of the Paediatric Integrated Cancer Services of Victoria.

Mr Mike O’Brien  
**Chief of Surgery, The Royal Children’s Hospital**  
Mr Mike O’Brien attended medical school at University College Cork, graduating in 1989. He completed his adult general surgical training in Cork before starting a PhD. He then moved to the UK for training in Paediatric Surgery working at Great Ormond Street and Hammersmith Hospitals in London, University Hospital of Wales in Cardiff, Bristol Children’s Hospital and Birmingham Children's Hospital. He became a Consultant Paediatric Urologist at The Royal Children's Hospital in 2005, and Head of Department of Urology in 2009. In 2013 he was appointed Chief of Surgery.  
Mike has a special interest in the surgical treatment of hypospadias and the diagnosis and management, both medical and surgical of those with voiding dysfunction. He is particularly interested in the application of new and emerging technologies to the delivery and treatment of children with urological conditions.

Professor John Hutson AO  
**Paediatric Urologist, The Royal Children’s Hospital**  
Professor John Hutson is the Chair of Paediatric Surgery at the University of Melbourne, and the senior Consultant Paediatric Urologist at The Royal Children’s Hospital. Professor Hutson has spent 30 years with a special interest in embryology of sexual development and testicular descent, and in recent years has developed special expertise in the management of disorders of the large bowel, including anorectal anomalies, Hirschsprung disease and slow-transit constipation.  
He is the author of numerous papers and books for teaching medical students, as well as monographs on testicular descent, kidney and urogenital malformations, anorectal malformations and disorders of sex development.