

UROLOGY – Wednesday 17th July (Part of joint BAPU meeting)

00102.00-02.10 THE LONG TERM UROLOGICAL OUTCOME OF PATIENTS WITH SACROCOCCYGEAL TERATOMA USING A DETAILED UROLOGICAL QUESTIONNAIRE. A NATIONAL STUDY.

Mohamed Sameh Shalaby¹, Stuart O'Toole¹, Melanie Clarke², Elizabeth Vaughan², Robert Carachi¹, ¹*Royal Hospital for Sick Children, Glasgow, UK*, ²*Royal Hospital for Sick Children, Edinburgh, UK*

00202.10-02.20 NATURAL HISTORY OF HYDRONEPHROSIS AFTER ROBOTIC-ASSISTED LAPAROSCOPIC EXTRAVESICAL URETERAL REIMPLANTATION

Dennis Lee², Leo Dalag¹, Mukul Patil², James Behan¹, Steven Kim¹, Roger De Filippo¹, Andy Chang¹, Chester Koh¹, ¹*Children's Hospital Los Angeles, Los Angeles, CA, USA*, ²*USC Institute of Urology, Los Angeles, CA, USA*

00302.20-02.30 TESTICULAR ATROPHY AFTER ATTEMPTED PEDIATRIC ORCHIDOPEXY

Sigmund Ein¹, Ahmed Nasr², Paul Wales¹, Arlene Ein¹, ¹*Hospital for Sick Children, Toronto, Ontario, Canada*, ²*Children's Hospital of Eastern Ontario, Ottawa, Ontario, Canada*

00402.30-02.35 UNDESCENDED TESTES: A STUDY OF 457 PATIENTS' CHARACTERISTICS, AGE AT ORCHIDOPEXY AND PATTERN OF REFERRAL

Shireen A Nah¹, Charleen SW Yeo², Guo Yuan How², John C Allen Jr³, Narasimhan K Lakshmi¹, Caroline CP Ong¹, Te-Lu Yap¹, Anette S Jacobsen¹, Yee Low⁰, ¹*KK Women's & Children's Hospital, Singapore, Singapore*, ²*Yong Loo Lin School of Medicine, National University of Singapore, Singapore, Singapore*, ³*Duke-NUS Graduate Medical School, Singapore, Singapore*

00502.35-02.45 GONOCYTE TRANSFORMATION TO SPERMATOGONIA OCCURS EARLIER IN PATIENTS WITH UNDERVIRILISATION

Shu Su^{1,2}, Maciej Szarek^{1,2}, Abigail Vooght², Ruili Li², John Hutson^{1,2}, ¹*University of Melbourne, Melbourne, Victoria, Australia*, ²*Murdoch Childrens Research Institute, Melbourne, Victoria, Australia*, ³*The Royal Children's Hospital, Melbourne, Victoria, Australia*

00602.45-02.50 PREPUTIAL RECONSTRUCTION IN DISTAL HYPOSPADIAS

Eleanor Zimmermann¹, Mark Woodward², ¹*Peninsula College of Medicine and Dentistry, Exeter, UK*, ²*The Bristol Royal Hospital for Children, Bristol, UK*

00702.50-02.55 THE ROLE OF SMAD7, SMAD3 AND SMAD2 IN THE PATHOGENESIS OF HYPOSPADIAS

Guanghui Wei¹, Mingyong Li¹, Dawei He¹, Tao Lin¹, Xuliang Li¹, ¹*Department of Urology, Children's Hospital of Chongqing Medical University, Chongqing, China*

00802.55-03.05 STUDY ON THE CLINICAL EFFECT OF BIOFEEDBACK THERAPY FOR CHILDREN PRIMARY NOCTURNAL ENURESIS

Tao Lin¹, Hai Zhao¹, Dawei He¹, Guanghui Wei¹, Xuliang Li¹, ¹*Department of Urology, Children's Hospital of Chongqing Medical University, Chongqing, China*

00903.05-03.15 REDUCTION OF MECHANICAL DISPLACEMENT SIGNIFICANTLY IMPROVES PERITONEAL DIALYSIS CATHETER SURVIVAL SHORT TERM.

Jack Donati-Bourne¹, Anne Moro¹, Carmel Caplett¹, Sarah Taylor¹, Harish Chandran¹, Liam McCarthy¹, ¹*Birmingham Children's Hospital, West Midlands, UK*

01003-15-3.20 ENDOSCOPIC SCLEROTHERAPY OF BLADDER VASCULAR MALFORMATIONS

Alex Barnacle¹, Derek Roebuck¹, Abraham Cherian¹, ¹*Great Ormond Street Hospital for Children, London, UK*

01103.20-03.25 INTRAVENOUS METHYLENE BLUE INJECTION AND VENOGRAPHY DURING LAPAROSCOPIC PAEDIATRIC VARICOCELECTOMY

DJB Keene¹, RM Cervellione¹, ¹*Royal Manchester Children's Hospital, Manchester,*

UK

HEPATOBIILIARY – Thursday 18th July

01208.30-08.40 ALTERED CHOLESTEROL METABOLISM IN PAEDIATRIC GALLSTONE DISEASE - LOW ABSORPTION AND INCREASED SYNTHESIS PREDISPOSES TO CHOLESTEROL STONES IN CHILDREN

Antti Koivusalo¹, Markku Nissinen², Mikko Pakarinen¹, ¹*Children's Hospital, University of Helsinki, Helsinki, Finland*, ²*Dept. of Medicine/Gastroenterology University of Helsinki, Helsinki, Finland*

01308.40-08.50 GALLSTONES IN CHILDREN: EVIDENCE OF AN EPIDEMIC IN ENGLAND

AK Khoo¹, Rufus Cartwright², Simon Berry³, Mark Davenport¹, ¹*Kings College Hospital, London, UK*, ²*Imperial College, London, UK*, ³*Quality Observatory-South East Coast, London, UK*

01408.50-08.55 LAPAROSCOPIC CHOLECYSTECTOMY: CHANGING TRENDS IN THE UK – A SINGLE SURGEON SERIES.

Sonia Tiboni¹, Andrew Reeves¹, Shawqui Nour¹, ¹*Leicester Royal Infirmary, Leicester, UK*

01508.55-09.00 PERFORMANCE OF INTRAOPERATIVE CHOLANGIOGRAM OUTSIDE TERTIARY PAEDIATRIC HEPATOBIILIARY CENTRES

Caroline Smith¹, Thomas Tsang¹, Azad Mathur¹, ¹*Norfolk and Norwich University Hospital, Norfolk, UK*

01609.00-09.10 INCREASED SERUM MATRIX METALLOPROTEINASES, THEIR TISSUE INHIBITOR, AND IL-1b REFLECT GRAFT INFLAMMATION IN PEDIATRIC LIVER TRANSPLANT RECIPIENTS

Silja Voutilainen¹, Silja Kosola¹, Hannu Jalanko¹, Mikko Pakarinen¹, ¹*Children's Hospital, Helsinki University Central Hospital and University of Helsinki, Helsinki, Finland*

01709.10-09.15 LIVER TISSUE ENGINEERING WITH THE COMBINATION OF NATURAL ACELLULAR SCAFFOLDS THAT MIMIC ORIGINAL TISSUE ARCHITECTURE AND HEPATOCYTES

Panagiotis Maghsoudlou¹, Fanourios Georgiades¹, Holly Smith², Giorgia Totonelli¹, Stavros Loukogeorgakis¹, Panicos Shangaris¹, Luca Urbani¹, Daniel Ditchfield¹, Lucy Papaioannou¹, Agostino Pierro¹, Simon Eaton¹, Paul Gissen², Paolo De Coppi¹, ¹*UCL Institute of Child Health and Great Ormond Street Hospital, London, UK*, ²*MRC Laboratory for Molecular Cell Biology, London, UK*

01809.15-09.25 ROBOTIC EXCISION OF CHOLEDOCHAL CYSTS - IS THE JURY STILL OUT?

Michael J Dawrant¹, Azad S Najmaldin¹, Naved K Alizai¹, ¹*Leeds General Infirmary, Leeds, UK*

01909.25-09.30 SPECTRUM OF HEPATOBIILIARY DISEASES ADMITTED TO PEDIATRIC SURGICAL UNIT OF A TERTIARY CENTER IN A DEVELOPING COUNTRY

Nyo Nyo Win¹, Htoo Han¹, ¹*Yangon Children Hospital, Yangon, Myanmar*

PETER PAUL PRIZE SESSION

02010.30-10.40 SUPPRESSION OF ACUTE REJECTION BY ADMINISTRATION OF PROSTAGLANDIN E₂ RECEPTOR SUBTYPE 4 (EP4) AGONIST IN RAT ORGAN TRANSPLANTATION MODELS.

Tatsuya Okamoto^{1,2}, Ryo Tamura^{1,2}, Shinya Okamoto¹, Yasuhiro Fujimoto¹, Yasuhiko Tabata², Shinji Uemoto¹, ¹*Kyoto University, Graduate School of Medicine, Department of Surgery(HBP, Transplantation & Pediatric Surgery), 54, Kawahara-cho, Syogoin, Sakyo-ku, Kyoto, Japan*, ²*Kyoto University, Institute of Frontier Medical Sciences, Field of Tissue Engineering, 53, Kawahara-cho, Syogoin, Sakyo-ku, Kyoto,*

Japan

02110.40-10.50 NEURAL PROGENITORS FROM AGANGLIONIC BOWEL - NEW THERAPEUTIC POSSIBILITIES FOR HIRSCHSPRUNG'S DISEASE?

David Wilkinson^{1,2}, Ben Frain², David Edgar², Simon Kenny^{1,2}, ¹*Alder Hey Children's Hospital NHS Foundation Trust, Liverpool, UK*, ²*University of Liverpool, Liverpool, UK*

02210.50-11.00 INNOVATIVE HIGH-RESOLUTION 3D PHASE IMAGING FOR DEFINING ULTRASTRUCTURAL CHARACTERISTICS OF INTESTINAL ACELLULAR MATRIX

Giorgia Totonelli¹, Charlotte Hagen², Ralf H Menk³, Luigi Rigon⁴, Fulvia Arfelli⁴, Panagiotis Maghsoudlou¹, Agostino Pierro¹, Simon Eaton¹, Alessandro Olivo², Paolo De Coppi¹, ¹*UCL - Institute of Child Health and Great Ormond Street Hospital, London, UK*, ²*UCL - Department of Medical Physics and Bioengineering, London, UK*, ³*Sincrotrone Trieste ScpA, Basovizza, Italy*, ⁴*Department of Physics, University of Trieste, Trieste, Italy*

02311.00-11.10 EXPRESSION OF EYA1 AND SIX1 IS DECREASED IN DISTAL AIRWAYS OF RATS WITH EXPERIMENTAL PULMONARY HYPOPLASIA

Florian Friedmacher¹, Jan-Hendrik Gosemann¹, Naho Fujiwara¹, Hiromizu Takahashi¹, Alejandro Hofmann¹, Prem Puri^{1,2}, ¹*National Children's Research Centre, Dublin, Ireland*, ²*Conway Institute of Biomolecular and Biomedical Research, Dublin, Ireland*

02411.10-11.20 MOLECULAR SIGNALS GOVERNING CREMASTER MUSCLE DEVELOPMENT: CLUES FOR CRYPTORCHIDISM

Maciej Szarek^{1,2}, Ruili Li¹, Jaya Vikraman^{1,2}, Bridget Southwell¹, John Hutson^{2,3}, ¹*Murdoch Childrens Research Institute, Melbourne, Victoria, Australia*, ²*University of Melbourne, Melbourne, Victoria, Australia*, ³*The Royal Children's Hospital, Melbourne, Victoria, Australia*

PRESIDENT'S PRIZE SESSION

02511.20-11.30 THE LONG TERM PSYCHOSOCIAL OUTCOMES FOLLOWING EXCISION OF SACROCOCCYGEAL TERATOMA. A NATIONAL STUDY.

Mohamed Sameh Shalaby¹, Melanie Clarke², Liam Dorris¹, Claire Adey¹, Robert Carachi¹, ¹*Royal Hospital for Sick Children, Glasgow, UK*, ²*Royal Hospital for Sick Children, Edinburgh, UK*

02611.30-11.40 SCISSORS THAT CUT - IMPROVING THE QUALITY OF INSTRUMENTS TO ENSURE SAFE SURGERY FOR CHILDREN

Clare Rees^{1,2}, Ashwini Joshi¹, ¹*Barts Health NHS Trust, London, UK*, ²*NHS Leadership Academy, Leeds, UK*

02711.40-11.50 CHILDHOOD APPENDICITIS IN ENGLAND – WHERE ARE WE NOW AND WHERE ARE WE HEADED ?

David Wilkinson¹, Ben Chan¹, Paul Losty^{1,2}, ¹*Institute of Child Health, Liverpool, UK*, ²*Alder Hey Children's Hospital, University of Liverpool, Liverpool, UK*

02811.50-12.00 COMPARISON OF PROVISION AND OUTCOME OF EMERGENCY APPENDICECTOMY IN CHILDREN BETWEEN SPECIALIST PAEDIATRIC CENTRES AND ADULT CENTRES

Nigel Hall^{1,2}, ¹*Paediatric Surgery Trainees Research Network, UK, UK*, ²*National Surgical Research Collaborative, UK, UK*

02912.10-12.20 THE DIAGNOSIS AND EARLY MANAGEMENT OF HIRSCHSPRUNG'S DISEASE IN THE UK AND IRELAND: RESULTS OF A PROSPECTIVE, NATIONAL COHORT STUDY

Timothy Bradnock¹, Marian Knight², Simon Kenny³, Paul Johnson⁴, Liz Draper⁵, Jenny Kurinczuk², Gregor Walker¹, ¹*Department of Paediatric Surgery, The Royal Hospital for Sick Children, Glasgow, UK*, ²*National Perinatal Epidemiology Unit,*

University of Oxford, Oxford, UK, ³Department of Paediatric Surgery, Alder Hey Children's Hospital, Liverpool, UK, ⁴Department of Paediatric Surgery, University of Oxford, Oxford, UK, ⁵Department of Health Sciences, University of Leicester, Leicester, UK

GENERAL 1

- 03002.30-02.40 COMPARATIVE RESULTS OF LAGB SURGICAL PROCEDURE IN ADOLESCENTS AND YOUNG ADULTS OBESITY IN FRANCE**
Erik Hervieux¹, Myriam Dabbas¹, Robert Caiazzo³, Francois Pattou³, Yves Aigrain^{1,2}, Olivier Goulet^{1,2}, Yann Revillon^{1,2}, Naziha Khen-Dunlop^{1,2}, ¹Necker-Enfants maaldes Hospital, Paris, France, ²Universite Paris Descartes, Paris, France, ³CHRU Lille, Lille, France
- 03102.40-02.50 PRE AND POST-OPERATIVE MULTIDISCIPLINARY ASSESSMENT OF MORBIDLY OBESE ADOLESCENTS FOLLOWING GASTRIC BANDING - AN EARLY EXPERIENCE**
Elke Maria Ruttenstock¹, Anu Paul¹, Syed Owais³, Martha Ford-Adams¹, Helen Mortimer¹, Denise Bevan², Derek Bolton², Teresa Lax-Pericall², Ameet Patel¹, Ashish Desai¹, ¹King's College Hospital, London, UK, ²South London & Maudsley Trust, London, UK, ³Imperial College, London, UK
- 03202.50-02.55 THE ROLE OF A PHYSICIAN'S ASSISTANT IN A PAEDIATRIC SURGERY DEPARTMENT**
Ramesh Nataraja¹, Katie Hanney¹, Feilim Murphy¹, Bruce Okoye¹, ¹St George's Healthcare NHS Trust, London, UK
- 03302.55-03.00 SUBJECT LIST CREATION: AN ADVENTURE IN CODING AND DEFINITIONS**
Sarah Recktenwall-Work¹, Michelle Torok³, Stig Somme^{1,2}, ¹University of Colorado Denver School of Medicine, Aurora, Colorado, USA, ²Children's Hospital Colorado, Aurora, Colorado, USA, ³Children's Outcomes Research Program, Aurora, Colorado, USA
- 03403.00-03.05 THE COST OF GASTROSCHISIS IN AN ERA OF AUSTERITY**
Paul Charlesworth¹, Ashish Desai¹, Anne Hickey¹, Shailesh Patel¹, Mark Davenport¹, Niyi Ade-Ajayi¹, ¹Kings College Hospital NHS Foundation Trust, London, UK
- 03503.05-03.15 PATIENT AND HOSPITAL FACTORS ARE ASSOCIATED WITH THE ALLOCATION OF LAPAROSCOPIC SURGICAL TECHNIQUES FOR CHILDREN WITHIN THE UNITED STATES**
Matthew Stone¹, Damien LaPar¹, Amber Shada¹, Sara Rasmussen², Bartholomew Kane², Eugene McGahren², Bradley Rodgers², ¹University of Virginia Health System, Charlottesville, VA, USA, ²University of Virginia Children's Hospital, Charlottesville, VA, USA
- 03603.15-03.20 LAPAROSCOPIC VERSUS OPEN REDUCTION OF INTUSSUSCEPTION IN CHILDREN: A RETROSPECTIVE REVIEW AND META-ANALYSIS**
Cindy Sklar¹, Ahmed Nasr¹, ¹Children's Hospital of Eastern Ontario. University of Ottawa, Ottawa, Ontario, Canada
- 03703.20-03.25 THE RELATIONSHIP BETWEEN URINARY SODIUM AND GROWTH IN NEONATES AND INFANTS**
Jonathan Goring¹, Suresh Murthi¹, Julie Olpin¹, ¹Sheffield Children's Hospital, Sheffield, South Yorkshire, UK
- 03803.25-03.30 STUDY OF GASTROINTESTINAL AND UROLOGICAL MANIFESTATIONS IN CHILDREN WITH EHLERS- DANLOS SYNDROME (EDS)**
Leel Nellihela¹, David Rawat^{0,1}, Nigel Meadows^{0,2}, Harry Ward¹, Ashwini Joshi², ¹Department of Paediatric surgery, Barts Healthcare, London, UK, ²Department of Paediatric gastroenterology, Barts Healthcare, London, UK

03903.30-03.40 USE OF PERISTEEN® FOR BOWEL MANAGEMENT IN CHILDREN: A SUITABLE ALTERNATIVE TO THE ACE PROCEDURE

Maurizio Pacilli¹, David Pallot¹, Afiya Andrews¹, Angela Downer¹, Louiza Dale¹, Ian Willetts¹, ¹*Oxford University Hospital, Oxford, UK*

04003.40-03.45 FOLLOW-UP IN PAEDIATRIC SURGERY: TRENDS AND WAY FORWARD

Yew-Wei Tan¹, Benjamin Fleming¹, Kashif Chauhan¹, Ruth Speare¹, Abdul R Khan¹, Adil Aslam¹, ¹*Department of Paediatric Surgery, Addenbrooke's Hospital, Cambridge University Hospital NHS Trust, Cambridge, UK*

04103.45-03.50 RADIATION EXPOSURE DURING PAEDIATRIC EMERGENCY CT: TIME WE TOOK NOTICE?

David Naumann¹, David Raven¹, Arvind Pallan¹, Douglas Bowley¹, ¹*Heart of England NHS Foundation Trust, Birmingham, UK*

04203.50-03.55 HANDLEBAR INJURIES ARE A COMMON PAEDIATRIC TRAUMA MECHANISM: A CALL FOR COLLABORATION TO INFORM LEGISLATIVE CHANGE

A Neilson¹, M Woodward¹, J McNally¹, ¹*Bristol Royal Hospital for Children, Bristol, UK*

04303.55-04.00 FIBRIN SHEATH STRIPPING OF A DENVER® SHUNT: A NOVEL TECHNIQUE

Alex Barnacle¹, Lonay Ridley¹, Samantha Chippington¹, ¹*Great Ormond Street Hospital for Children, London, UK*

ONCOLOGY/THORACIC Friday 19th July

04408.30-08.40 LONG TERM BOWEL FUNCTION OF PATIENTS FOLLOWING SACROCOCCYGEAL TERATOMA EXCISION: A NATIONAL STUDY.

Mohamed Sameh Shalaby¹, Melanie Clarke², Gregor Walker¹, Robert Carachi¹, ¹*Royal Hospital for Sick Children, Glasgow, UK*, ²*Royal Hospital for Sick Children, Edinburgh, UK*

04508.40-08.45 THE TREATMENT OF POSTOPERATIVE TRACHEAL GRANULATION TISSUE WITH INHALANT BUDESONIDE IN CONGENITAL TRACHEAL STENOSIS

Akiko Yokoi¹, Makoto Nakao¹, Yuko Bitoh¹, Hiroshi Arai¹, Yoshihiro Ooshima^{0,2}, Eiji Nishijima¹, ¹*Department of Pediatric Surgery, Kobe Children's Hospital, Kobe, Japan*, ²*Department of Cardiovascular Surgery, Kobe Children's Hospital, Kobe, Japan*

04608.45-08.55 EXPRESSION OF G-CSFR IN HUMAN NEUROBLASTOMA CELL LINE SK-N-SH AFTER INDUCED BY LPS

Dawei He¹, Yongbo Zhang¹, Wenfei He¹, Guanghui Wei¹, Tao Lin¹, Xuliang Li¹, ¹*Department of Urology, Children's Hospital of Chongqing Medical University, Chongqing, China*

04708.55-09.05 AN EVALUATION OF THE TWO-WEEK WAIT REFERRAL PATHWAY TO PAEDIATRIC SURGERY

Katie Brodie¹, Simon Scammell¹, Ross Fisher¹, ¹*Sheffield Children's Hospital, Sheffield, UK*

04809.05-09.10 BEWARE THE MIDDLE SACRAL ARTERY MYTH

Joanna Stanwell¹, Robert Wheeler¹, ¹*University Hospital Southampton, Southampton, UK*

04909.10-09.20 PROMOTION OF TRACHEAL CARTILAGE BY INTRA-TRACHEAL INJECTION OF BASIC FIBROBLAST GROWTH FACTOR (B-FGF)

Makoto Komura^{1,2}, Hiroko Komura^{0,2}, Kenichirou Konishi^{0,2}, Tetuya Ishimaru^{0,2}, Tadashi Iwanaka^{0,2}, ¹*Saitama Medical University, Moroyamachou, Irumagun, Japan*, ²*University of Tokyo, Tokyo, Japan*

05009.20-09.25 MANAGEMENT AND OUTCOME OF NEUROENDOCRINE TUMOURS OF THE

APPENDIX - A TWO CENTRE EXPERIENCE

Lucy Henderson¹, Claere Fehily¹, Semiu Folaranmi¹, A Kelsey¹, Wajid Jawaid², Jo McPartland², Ross Craigie¹, Paul Losty², ¹*Central Manchester Children's Hospital Foundation Trust, Manchester, UK*, ²*Alder Hey Children's Hospital NHS Foundation Trust, University of Liverpool, Liverpool, UK*

05109.25-09.30 COSMETIC RESULT AFTER NUSS PROCEDURE FOR FUNNEL CHEST - SURGEON'S AND PATIENTS' PERSPECTIVE

Antti Koivusalo¹, Mikko Pakarinen¹, ¹*Children's Hospital, Helsinki, Finland*

05209.30-09.40 NITROFEN INCREASES TOTAL RETINOL LEVELS IN PLACENTA DURING LUNG MORPHOGENESIS IN THE NITROFEN MODEL OF CONGENITAL DIAPHRAGMATIC HERNIA

Balazs Kutasy¹, Lara Pes², Francesca Paradisi², Prem Puri¹, ¹*National Children's Research Center, Dublin, Ireland*, ²*Centre for Synthesis & Chemical Biology, School of Chemistry & Chemical Biology, University College Dublin, Dublin, Ireland*

05309.40-09.45 A NOVEL PATCH REPAIR TECHNIQUE FOR CONGENITAL DIAPHRAGMATIC HERNIAS

Jessica Ng¹, Anjli Khakhar¹, Joe Curry¹, ¹*Great Ormond Street Hospital for Children, London, UK*

05409.45-09.50 THORACOSCOPIC-ASSISTED RESECTION OF INTERCOSTAL PERIPHERAL NERVE SHEATH TUMOUR

Jonathan Wells¹, Robin Garrett-Cox¹, Timothy Rogers¹, ¹*Bristol Royal Hospital for Children, Bristol, UK*

05509.50-09.55 EN MASSE PULMONARY PEDICLE STAPLING: A SIMPLER TECHNIQUE FOR THORACOSCOPIC EXCISION OF LUNG LESIONS IN CHILDREN

Nadeem Haider¹, Kiki Maoate¹, Spencer Beasley¹, Hemal Kodikara¹, Joel Daubney⁰, ¹*Department of Paediatric Surgery, Christchurch, New Zealand*

LOWER GI

05610.30-10.40 THE DEMOGRAPHICS AND PRESENTATION OF HIRSCHSPRUNG'S DISEASE IN THE UK AND IRELAND: RESULTS OF A PROSPECTIVE, NATIONAL COHORT STUDY

Timothy Bradnock¹, Marian Knight², Simon Kenny³, Paul Johnson⁴, Liz Draper⁵, Jenny Kurinczuk², Gregor Walker¹, ¹*Department of Paediatric Surgery, The Royal Hospital for Sick Children, Glasgow, UK*, ²*National Perinatal Epidemiology Unit, University of Oxford, Oxford, UK*, ³*Department of Paediatric Surgery, Royal Liverpool Children's Hospital, Liverpool, UK*, ⁴*Department of Paediatric Surgery, University of Oxford, Oxford, UK*, ⁵*Department of Health Sciences, University of Leicester, Leicester, UK*

05710.40-10.50 TRANSCRIPTIONAL REGULATION OF RET GENE IN HIRSCHSPRUNG DISEASE

JJ Zhu^{1,2}, MM Garcia-Barcelo¹, PKH Tam¹, VCH Lui¹, ¹*The University of Hong Kong, Hong Kong, China*, ²*Faculty of Medicine, Shenzhen University, Guangdong Province, China*

05810.50-10.55 THE ADEQUACY OF RECTAL BIOPSY IN OLDER PATIENTS INVESTIGATED FOR HIRSCHSPRUNG'S DISEASE: SUCTION OR STRIP?

James Andrews¹, Daniele Kerr¹, Timothy Bradnock¹, Charles Keys², Clair Evans³, Gregor Walker¹, ¹*Department of Paediatric Surgery, Royal Hospital for Sick Children, Glasgow, UK*, ²*Department of Paediatric Surgery, Royal Hospital for Sick Children, Edinburgh, UK*, ³*Department of Pathology, Royal Hospital for Sick Children, Glasgow, UK*

05910.55-11.00 HIRSCHSPRUNG'S DISEASE TISSUE SPECIFIC SOMATIC MUTATIONS AND

AGANGLIONOSIS

SAMUEL MOORE¹, MONIQUE ZAAHL¹, ¹*UNIVERSITY OF STELLENBOSCH, TYGERBERG, South Africa*

06011.00-11.05 SOAVE ENDORECTAL PULL-THROUGH FOR HIRSCHSPRUNG'S DISEASE: TEN-YEAR EXPERIENCE WITH OPEN AND LAPAROSCOPIC-ASSISTED TECHNIQUES

Chen Cai¹, Shireen Nah², Caroline Ong², Te-Lu Yap², Anette Jacobsen², Yee Low², ¹*Yong Loo Lin School of Medicine, National University of Singapore, Singapore, Singapore*, ²*Department of Paediatric Surgery, KK Women's and Children's Hospital, Singapore, Singapore*

06111.05-11.15 ABNORMAL HOXB5 SIGNALING IN NEURAL CREST CELLS CAUSES HIRSCHSPRUNG DISEASE AND ASSOCIATED SYNDROMES IN MICE

Mandy KM Kam¹, Martin CH Cheung¹, Joe J Zhu¹, William WC Cheng¹, Eric WY Sat¹, Paul KH Tam¹, Vincent CH Lui¹, ¹*The University of Hong Kong, Hong Kong, China*

06211.15-11.25 INHERITANCE PATTERNS OF ANORECTAL MALFORMATIONS – A SINGLE INSTITUTION STUDY

Kristiina Kyrklund¹, Antti Koivusalo¹, Risto J Rintala¹, Mikko P Pakarinen¹, ¹*University of Helsinki, Hospital for Children and Adolescents, Helsinki, Finland*

06311.25-11.35 A COMPARISON OF CONVENTIONAL AND LAPAROSCOPIC RESTORATIVE PROCTOCOLECTOMY IN CHILDHOOD.

Jigna Sheth¹, Bruce Jaffray², ¹*The Great North Children's Hospital, Newcastle upon Tyne, UK*, ²*Newcastle University, Newcastle upon Tyne, UK*

06411.35-11.40 OBESITY HAS MINIMAL IMPACT ON CLINICAL OUTCOMES IN CHILDREN WITH INFLAMMATORY BOWEL DISEASE

Nathan Zwintscher¹, John Horton¹, Scott Steele¹, ¹*Madigan Army Medical Center, Tacoma, WA, USA*

06511.40-11.50 ILEO-COLIC INTUSSUSCEPTION REDUCTION: ROLE OF GENERAL ANAESTHESIA IN THE SUCCESS RATE

Alexis Pierre Arnaud^{1,2}, Audrey Guinot², Barbara Patkova³, Dean Rex^{1,4}, Samantha Kesting¹, Bruce Okoye⁴, Jan F Svensson³, Benjamin Fremont², Joe Ignacius Curry¹, ¹*Department of General Paediatric Surgery, Great Ormond Street Hospital, London, UK*, ²*Department of General Paediatric Surgery, University Hospital, Rennes, France*, ³*Department of General Paediatric Surgery, Karolinska Hospital, Stockholm, Sweden*, ⁴*Department of General Paediatric Surgery, St Georges' Hospital, London, UK*

06611.50-11.55 DEVELOPMENT OF PDGFR α ⁺ CELLS IN THE PORCINE INTERNAL ANAL SPHINCTER

Anne-Marie O'Donnell¹, Udo Rolle², Prem Puri¹, ¹*National Children's Research Centre, Our Lady's Children's Hospital Crumlin, Dublin, Ireland*, ²*Department of Paediatric Surgery, Goethe-University, Frankfurt, Germany*

06711.55-12.00 LIGASURE™ HAEMORRHOIDECTOMY FOR SYMPTOMATIC HAEMORRHOIDS: FIRST PAEDIATRIC EXPERIENCE

Ole Grossmann¹, Giampiero Soccorso¹, Govind Murthi¹, ¹*Sheffield Children's Hospital, Department of Paediatric Surgery, Sheffield, UK*

UPPER GI

06802.00-03.30 MEASURED GAP LENGTH AND OUTCOMES IN REPAIRED OESOPHAGEAL ATRESIA

Hemanshu Thakkar¹, Joseph Cooney⁰, Neetu Kumar⁰, Edward Kiely⁰, ¹*Great*

Ormond Street Hospital for Children, London, UK

- 06902.10-02.20 OESOPHAGEAL ATRESIA: IMPROVED OUTCOME IN HIGH-RISK GROUPS? - REVISITED**
Georgina Malakounides¹, Paul C. Lyon¹, Paolo De Coppi¹, Kate Cross¹, David Drake¹, Agostino Pierro¹, Edward M. Kiely¹, Lewis Spitz¹, Joseph I. Curry¹, ¹*Great Ormond Street Hospital, London, UK*
- 07002.20-02.25 LONG GAP OESOPHAGEAL ATRESIA: A 9-YEAR EXPERIENCE AT A SINGLE INSTITUTE**
Masseh Yakubi^{0,2}, Elena Palade¹, Salah Kamaleddeen¹, Harry Ward¹, ¹*The Royal London Hospital, London, UK*, ²*Queen Mary University, London, UK*
- 07102.25-02.35 STRICTURE FORMATION IN OESOPHAGEAL ATRESIA: THE EFFECT OF PROPHYLACTIC ANTI-REFLUX MEDICATION IN A NATIONAL COHORT OF PATIENTS**
Benjamin Allin^{1,4}, Marian Knight¹, Paul Johnson^{2,4}, David Burge³, ¹*National Perinatal Epidemiology Unit, Oxford, UK*, ²*Department of Paediatric Surgery, Oxford University Hospitals NHS Trust, Oxford, UK*, ³*Department of Paediatric Surgery, Southampton Univeristy Hospitals NHS Trust, Southamptom, UK*, ⁴*Oxford Academic Paediatric Surgery Unit, Oxford, UK*
- 07202.35-02.40 THE MANAGEMENT OF RECURRENT TRACHEOESOPHAGEAL FISTULAS: A SYSTEMATIC REVIEW.**
Olugbenga Aworanti¹, Sami Awadalla¹, ¹*The Children's University Hospital, Temple street, Dublin 1, Dublin, Ireland*
- 07302.40-02.50 SUCCESSFUL THORACOSCOPIC OESOPHAGEAL ATRESIA SURGERY: FEASIBLE, FOLLY OR FANTASY?**
Warwick Teague¹, Gordon MacKinlay¹, Claire Clark¹, Merrill McHoney¹, Amanda McCabe¹, Jimmy Lam¹, Derrick Wilson-Storey¹, Fraser Munro¹, ¹*Royal Hospital for Sick Children, Edinburgh, UK*
- 07402.50-03.00 SIMILAR CONVALESCENCE AFTER LAPAROSCOPIC AND OPEN FUNDOPLICATION.**
Thomas J. Fyhn^{1,2}, Charlotte K. Knatten^{1,2}, Bjørn Edwin³, Ole Schistad⁴, Ragnhild Emblem^{1,2}, Kristin Bjørnland^{1,2}, ¹*Faculty of Medicine, University of Oslo, Oslo, Norway*, ²*Department of Hepatic, Gastrointestinal and Pediatric Surgery, Oslo University Hospital, Rikshospitalet, Oslo, Norway*, ³*The intervention Centre, Oslo University Hospital, Rikshospitalet, Oslo, Norway*, ⁴*Department of Hepatic, Gastrointestinal and Pediatric Surgery, Oslo University Hospital, Ullevål, Oslo, Norway*
- 07503.00-03.05 UPPER GASTROINTESTINAL SERIES: SHOULD IT BE USED FOR PREOPERATIVE DETECTION OF MALROTATION PRIOR TO GASTROSTOMY AND FUNDOPLICATION?**
Yew-Wei Tan¹, Ceri Jones¹, Alexander Cho¹, Nicola Smith¹, Anna Gomez², Adil Aslam¹, ¹*Department of Paediatric Surgery, Addenbrooke's Hospital, Cambridge University Hospital NHS Trust, Cambridge, UK*, ²*Department of Paediatric Radiology, Addenbrooke's Hospital, Cambridge University Hospital NHS Trust, Cambridge, UK*
- 07603.05-03.15 OUTCOMES AND CARER SATISFACTION AFTER TOTAL OESOPHAGOGASTRIC DISSOCIATION SURGERY FOR THE MANAGEMENT OF GASTROESOPHAGEAL REFLUX DISEASE IN SEVERELY NEUROLOGICALLY IMPAIRED CHILDREN**
Rebecca Roberts¹, Eleri Cusick¹, ¹*Bristol Royal Children's Hospital, Bristol, UK*
- 07703.15-03.25 PAEDIATRIC LAPAROSCOPIC HELLER'S CARDIOMYOTOMY: A LARGE SINGLE CENTRE STUDY.**
Max Pachi¹, Dean Rex¹, Agostino Pierro¹, Kate Cross¹, Edward Kiely¹, Paolo De

Coppi¹, Joeseeph Curry¹, ¹Great Ormond Street Hospital, London, UK

07803.25-03.30 ULTRASOUND-GUIDED GASTRIC PUNCTURE FOR RETROGRADE RECANALIZATION OF OBSTRUCTED OESOPHAGEAL ANASTOMOSIS IN INFANTS WITH OESOPHAGEAL ATRESIA

Derek Roebuck¹, Paolo De Coppi^{1,2}, Clare McLaren¹, Sam Stuart¹, Samantha Chippington¹, Alex Barnacle¹, ¹Great Ormond Street Hospital, London, UK, ²Institute of Child Health, London, UK

GENERAL 2

07904.00-04.10 EVALUATION OF THE CONTRALATERAL INGUINAL RING IN CLINICALLY UNILATERAL INGUINAL HERNIA: A SYSTEMATIC REVIEW AND META-ANALYSIS

Paul Kokorowski¹, Hsin-Hsiao Wang², Jonathan Routh², Katherine Hubert³, Caleb Nelson³, ¹Children's Hospital Los Angeles/University of Southern California, Los Angeles, California, USA, ²Duke University Medical Center, Durham, North Carolina, USA, ³Boston Children's Hospital, Boston, Massachusetts, USA

08004.10-04.15 INTESTINAL OBSTRUCTION IN INFANTS AND CHILDREN WITH CYSTIC FIBROSIS

Paul Farrelly¹, Caroline Charlesworth¹, Sophie Lee¹, Kevin Southern¹, Colin Baillie¹, ¹Alder Hey Children's NHS Foundation Trust, Liverpool, UK

08104.15-04.25 CONTEMPORARY TRENDS IN THE PRESENTATION PATHWAY OF PATIENTS WITH ACUTE APPENDICITIS: IMPLICATIONS FOR SERVICE DESIGN AND DELIVERY

Basil Bekdash¹, David Campbell¹, Sean Marven¹, ¹Sheffield Children's Hospital, Sheffield, UK

08204.25-04.35 UTILITY OF INITIAL NON-OPERATIVE MANAGEMENT OF ADVANCED LOCALISED APPENDICITIS AND INTERVAL APPENDICECTOMY

Basil Bekdash¹, Katie Brodie¹, Julian Roberts¹, Prasad Godbole¹, Ross Fisher¹, Richard Lindley¹, Sean Marven¹, ¹Sheffield Children's Hospital, Sheffield, UK

08304.35-04.40 VARIATION IN PROVISION AND OUTCOME OF EMERGENCY APPENDICECTOMY IN PAEDIATRIC SPECIALIST CENTRES: A PROSPECTIVE, TRAINEE LED, MULTICENTRE COHORT STUDY

Nigel Hall¹, ¹Paediatric Surgery Trainees Research Network, UK, UK

08404.40-04.50 UK INTUSSUSCEPTION AUDIT. A NATIONAL SURVEY OF CURRENT PRACTICE AND AUDIT OF REDUCTION RATES.

Edward Hannon¹, Rhianydd Williams^{0,1}, Rosemary Allan^{0,1}, Bruce Okoye¹, ¹St George's Hospital, Department of Paediatric Surgery, Tooting, London, UK, ²St George's Hospital, Department of Paediatric Radiology, Tooting, London, UK

08504.50-04.55 TRENDS IN MORTALITY AMONG INFANTS WITH NECROTIZING ENTEROCOLITIS IN ENGLAND AND WALES: 2005-2010

Mandela Thyoka^{1,3}, Simon Eaton¹, Paolo De Coppi^{1,2}, Agostino Pierro^{1,2}, ¹University College London Institute of Child Health, London, UK, ²Great Ormond Street Hospital NHS Foundation Trust, London, UK, ³Royal Victoria Infirmary, Newcastle Upon Tyne, UK

08604.55-05.05 THE ROLE OF PLACENTAL INFLAMMATION AND DEVELOPMENT OF EARLY NEONATAL NECROTISING ENTEROCOLITIS OR SPONTANEOUS INTESTINAL PERFORATION

Anthony Owen¹, Jonathon Ducey², Marta Cohen¹, Robert Coombs³, Richard Lindley¹, ¹Sheffield Children's Hospital, Sheffield, UK, ²The University of Sheffield,

Sheffield, UK, ³Sheffield Teaching Hospital, Sheffield, UK

08705.05-05.15 COMPARISON OF SpO₂/FiO₂ AND PaO₂/FiO₂ BASED MARKERS OF RESPIRATORY DYSFUNCTION IN NEONATES WITH NECROTIZING ENTEROCOLITIS

Nurain Z Sim¹, Nigel J Hall¹, Mark J Peters¹, Agostino Pierro¹, Simon Eaton¹, ¹UCL Institute of Child Health, London, UK

08805.15-05.20 BALLOON DILATATION OF COLONIC NEC STRICTURES

Alex Barnacle¹, Derek Roebuck¹, Sam Chippington¹, Kate Cross¹, Edward Kiely¹, Paolo De Coppi¹, ¹Great Ormond Street Hospital for Children, London, UK

08905.20-05.25 BACK TO THE FUTURE; COULD TRAINING IN ADULT SPECIALIST SURGICAL UNITS ENHANCE SUBSPECIALITY TRAINING FOR PAEDIATRIC SURGEONS?

Michael Dawrant^{1,2}, Magdy Attia², Ernest Hidalgo², Mark Powis¹, Naved Alizai¹, Raj Prasad², ¹Dept of Transplant Surgery, Leeds Teaching Hospitals, Leeds, UK, ²Dept of Paediatric Surgery, Leeds Teaching Hospitals, Leeds, UK

09005.25-05.30 TELESCOPIC VIEW OF PAEDIATRIC SURGICAL TRAINING IN ENDOSCOPY IN THE UK

Sonia Basson¹, Thomas Tsang¹, ¹Norfolk and Norwich University Hospital, Norwich, Norfolk, UK

09105.30-05.40 COMBINING TRAINING AND SERVICE DELIVERY; METHODS IN CURRENT USE WITHIN THE BRITISH ISLES

Keren Sloan¹, Max Pachl², Jonathan Sutcliffe¹, ¹Leeds General Infirmary, Leeds, UK, ²Birmingham Children's Hospital, Birmingham, UK