

**3rd International Paediatric Anorectal Manometry and Endosonography
Course & Workshop
Hands on Training, Evelina London Children's Hospital
28 November 2024**

08:30 am **REGISTRATION**

09:00-11:00am **Session Chair: Mr Alireza Keshtgar**

*Consultant Paediatric Colorectal Surgeon, Evelina London Children's Hospital
Guy's and St Thomas' NHS Foundation Trust*

WELCOME & INTRODUCTION

09:00 am **Functional anatomy of anorectum and pelvic floor**

*Mr Philip Bearn, Consultant Colorectal Surgeon, Ashford and St. Peter's
Hospitals NHS Trust*

Physiology of anorectum and defecation dynamics

*Mr Philip Bearn, Consultant Colorectal Surgeon, Ashford and St. Peter's
Hospitals NHS Trust*

09:40 am **Technique of 2-D and 3-D anorectal endosonography**

*Ms Deepa Solanki, Senior Clinical Scientist, Guys' and St Thomas' NHS
Foundation Trust*

10:00 am **Anorectal manometry, the conventional and 3-D high resolution techniques**

*Mr Liam Johnston, Clinical Scientist, Guys' and St Thomas' NHS Foundation
Trust*

10:20 am **Physiology study of anorectum and pelvic floor in children: How I do it**

*Ms Carly Bingham, Gastrointestinal Physiologist, Evelina London Children's
Hospital, Guys' and St Thomas' NHS Foundation Trust*

10:40 am **Biofeedback Training in Children with defecation disorders**

Ms Lucia Berry, Physiotherapist, Brunel University

11:00-11:30 am **TEA & COFFEE**

11:30 am-01:00 pm **Session Chair: Miss Alison Hainsworth**

Consultant Colorectal Surgeon, St Thomas' Hospital, London

11:30 am **Role of anorectal studies in functional constipation and faecal incontinence,
Hirschsprung disease and anorectal malformations**

*Mr. Alireza Keshtgar Consultant Paediatric Colorectal Surgeon,
Evelina London Children's Hospital, Guy's and St Thomas' NHS Foundation
Trust*

- 11:50 pm** **Pathophysiology of chronic constipation and faecal incontinence: Is Dyssynergic Defecation the missing link?**
Dr Eleni Athanasakos, Lead Paediatric Clinical Scientist, The Royal London Hospital
- 12:10 pm** **Botulinum toxin injection into the external anal sphincters: a new treatment modality for chronic functional constipation and soiling in children**
Mr. Alireza Keshtgar Consultant Paediatric Colorectal Surgeon, Evelina London Children's Hospital, Guy's and St Thomas' NHS Foundation Trust
- 12:30 am-01:15 pm** **LUNCH**
- 01:15-03:30 pm** **Session Chair: Mr Hemanshoo Thakkar**
Consultant Paediatric Colorectal Surgeon, Evelina London Children's Hospital, Guy's and St Thomas' NHS Foundation Trust
- 01:15 pm** **Colonic transit study in children: Principles and interpretation**
Dr Michalis Papadopoulos, Consultant Paediatric Gastroenterologist, Evelina London Children's Hospital, Guy's and St Thomas' NHS Foundation Trust
- 01:35 pm** **Operation Technique - Video**
Anorectal manometry, endosonography and intrasphincteric botulinum toxin injection.
Formation of antegrade colonic enema (ACE) stoma and long-term outcome
Mr. Alireza Keshtgar Consultant Paediatric Colorectal Surgeon, Evelina London Children's Hospital, Guy's and St Thomas' NHS Foundation Trust
- 03:10 pm** **Quality of life of children treated for chronic functional constipation by ACE stoma**
Mrs. Dorothy Kufeji, Consultant Paediatric Colorectal Surgeon, Evelina London Children's Hospital, Guy's and St Thomas' NHS Foundation Trust
- 03:30– 3:50 pm** **TEA and COFFEE**
- 03:50 – 05:00 pm** **Workstations and Hands on Training**
Mr Alireza Keshtgar, Miss Alison Hainsworth, Miss Linda Ferrari, Miss Deepa Solanki, Miss Carly Bingham, Miss Tanzeela Gala, Mr Liam Johnston, Guy's and St Thomas' NHS Foundation Trust
- 05:00 -05:15pm** **Conclusion, Questions and Feedback**