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British Society of Paediatric Gastroenterology Hepatology and Nutrition



ANNUAL MEETING 2020

WEDNESDAY 29TH – FRIDAY 31ST JANUARY. THE DOME, CHURCH STREET, BRIGHTON

PROGRAMME



Thanks to all of our sponsors

On behalf of BSPGHAN and the local organisers in Brighton, we are sincerely most grateful to all our partners for their contributions to the Annual Meeting.

Our commercial sponsors and charitable organisations play an integral part in our meeting to complement the independently developed scientific programme. This interaction provides the opportunity to share and acquire knowledge in partnership for the mutual benefit of patient care.

We are pleased to welcome established and new sponsors to our 2020 meeting providing some continuity but also variety with opportunity for new dialogue.

Informed dialogue and open exchange of information are of key importance; it is with this spirit, that we encourage all delegates to take time to visit the exhibitors and to thank them for their continued support of our annual BSPGHAN events.

AV Support

We extend a warm welcome and thank you to Dave Loynes, info@techire.co.uk, who has supported out BSPGHAN Annual Meetings since 2009 in Sheffield.

Programme designed by Louise Chorley.

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POSTER IBD AWARD

Dr Falk

CHARITIES

Children's Liver Disease Foundation

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Welcome Message

It is with immense pride and humility that we welcome you all to Brighton, for the first time hosting the annual society meeting. We very much hope that you will enjoy and engage fully with the carefully crafted scientific and social programme of activities to make it a most memorable event for 2020.

Of course this is Brighton, our vibrant and diverse city, so expect the unexpected. We are the 'new kids on the block' and whilst conscious to maintain the strong heritage of past society meetings, we are also keen to challenge and champion change. We feel very privileged to be given the opportunity to host this meeting and at the same time feel immense responsibility for making it a success, which I am sure is possible with your support.

We have recently celebrated over 15 years of the new Brighton and Sussex Medical school and state of the art Children's hospital; it was with these two developments that Paediatric Gastroenterology and Nutrition was able to evolve from a local general paediatric service to the regional sub-speciality service it is today. I was at the beginning of that journey and with good fortune, have been joined by many other dedicated medical colleagues and allied health care professionals along the way, some of whom have retired and others who remain at the heart of our capable multidisciplinary team.

The scientific programme, topics and speakers outlined in this booklet, will we trust speak for itself. A key objective was to appeal to current and prospective society membership; acknowledging the need to grow and evolve constantly to remain relevant. Furthermore, to promote a model of integrated research with clinical practice, underpinned by, local, national and international collaborative exchange of knowledge and ideas, often delivered within multidisciplinary teams.

This year a notable first for the society, is a themed study day relating to Gastrointestinal and nutritional issues in Cystic fibrosis; this includes a cross sub-speciality talk in respiratory medicine and the gut microbiome and international speakers giving insight into US GI training programme and how CFTR modulators affect gut function. We are very fortunate to have experts in the fields of neuroscience, philosophy and technology ethics speaking. We are particularly honoured to have the guest key note lecture delivered by Professor Anne Griffiths with whom I have had the privilege of working for as a trainee fellow in Toronto; she is an internationally renowned expert in inflammatory bowel disease and recently announced recipient of prestigious Harry Shwachman Award of the North American society, NASPGHAN

As ever, we wish to encourage the spirit of critical thought enquiry and respectful challenging of ideas and perceived wisdom.

The social programme

In the conference venue the Brighton Dome, you will be at the heart of the city centre, which forms part of the complex of the historic Royal Pavilion palace grounds with close-by famous 'the Lanes' and Brighton pier. The nearby 'Old Ship' hotel on the seafront is our chosen conference accommodation and will host the Wednesday evening dinner and Casino entertainment night. The nearby Hilton Metropole will host the Thursday evening drinks reception and Gala dinner; entertainment will include Live Abba tribute band and DJ disco till late.

Thank you

First and foremost, to Carla, we are indebted to her, for keeping us on our toes and on track, with her multifaceted talents in organizing such a meeting. Carla's sage advice has been welcome and she has entertained us with some memorable moments including her incisive negotiating skills in financial bargaining.

Loveday, for her exemplary work as Education chair in leading the abstract selection committee, to all of whom, we are most grateful for their enthusiasm and time commitment in reviewing the submissions.

All members of BSPGHAN council, for their helpful comments, feedback about the scientific programme and their support and confidence in us to host this event.

All the speakers and session chairs for giving their valuable time and contribution to this meeting

The multidisciplinary team, other helpers and volunteers in our hospital and regional network; they have been at the core of collaborative efforts with their talented contributions.

The Brighton Dome events team, for the wonderful support and flexibility in arrangements for this meeting. Especially, their management of the unforeseen challenge of financial liquidation of the oldest builders in England, leading to the venue change from the Corn Exchange to the Dome.

'Visit Brighton' team, for their fantastic support and guidance in selection of venues and conference facilities.

And last but not least; to all attendees...

We are most grateful for your participation; we hope you will be suitably fed, entertained, enjoy the learning experience of the conference and networking opportunity with friends and colleagues. We sincerely hope you will return to your places of work with renewed enthusiasm, knowledge which will improve your practice and fond memories of Brighton 2020.



Joanne Parker
PAEDIATRIC CLINICAL
NURSE SPECIALIST
local co-organiser

Assad Butt
CONSULTANT PAEDIATRIC
GASTROENTEROLOGIST
Lead local organiser

Chris Smith
SENIOR PAEDIATRIC
DIETICIAN
local co-organiser

Extended Team members



Dr Michael Hii
Dr Ali Albayati
Mr Sara Paramalingham
Carole Davidson
Alexa Robinson
Ralph Gahnstrom

Becky Ramsay
Mireille Dupire
Dr Haithum Abul-eis
Miss Ruth Hallows
Katie Clark
Jo Eady

Amanda Harvey
David Annandale
Kate Hawley
Kate Jones

BSPGHAN Education Chair 2019 - 2022

Dr Loveday Jago
Consultant Paediatric Gastroenterologist
Manchester Children's Hospital
Oxford Road
Manchester

Abstract Scoring and Selection Committee

Dr Loveday Jago, BSPGHAN Education Group Chair
Dr David Campbell, BSPGHAN Research Group Chair
Dr Michael Hii, Consultant Paediatric Gastroenterologist, Brighton
Mr Chris Smith, Senior Paediatric Dietitian, Brighton
Dr Indra van Mourik, Liver Steering Group Chair
Dr Jeng Cheng and Dr Hina Rizvi, Trainee Representatives on Education Committee
Ms Nicky Heather, Associate Group Chair

POST GRADUATE DAY
Wednesday 29th January 2020

The Dome, Brighton
brightondome.org

8.00 - 10.20

Registration

West Corridor, Church Street, The Dome

10.20 - 10.30

Welcome and Introduction

Dr Assad Butt

Mr Chris Smith

Ms Joanne Parker

Dame Marianne Griffiths

CEO Brighton and Sussex University Hospitals, Brighton

10.30 - 12.10

Session 1

GI/Hepatology

Chairs:

Dr Falak Gurreebun, East Surrey Hospital

Dr Jeng Cheng, Liverpool

and

Mrs Kay Crook, St Mark's Hospital

10.30 – 10.50

Unravelling a diagnosis for belching, dysphagia and regurgitation

Dr Mohamed Mutalib

Consultant Paediatric Gastroenterologist

London

10.50 – 11.10

Interpretation of liver tests for diagnosis and monitoring

Dr Suzanne Davison

Consultant Paediatric Hepatologist

Leeds

11.10 – 11.30

Update in management of Eosinophilic Oesophagitis

Dr Ziva Mrevije
Consultant Adult Gastroenterologist
Brighton

11.30 – 11.50

Practical approach to management of Familial Adenomatous Polyposis and Juvenile Polyposis Syndromes

Dr Warren Hyer
Consultant Paediatric Gastroenterologist
London

11.50 – 12.10

Assessment of growth and puberty in IBD-optimisation and timely interventions

Dr Shankar Kanumakala
Consultant Paediatrician in Endocrinology
Brighton

12.10 – 13.10

Session 2

Plenary abstract session 1

Chairs:

Dr Diana Flynn, Glasgow

and

Dr Nicola Ruth, Birmingham

12.10 – 12.20

Nabilone for Gastrointestinal Dystonia. A single centre case series

Miss Michelle Brooks¹, Dr Joseph Symonds², Miss Sarah Bremner³, Dr Victoria Merrick¹, Dr Diana Flynn¹, Miss Christina McGuckin¹, Mr Simon Fraser⁴, Miss Karen Fraser⁵, Mr Gregor Walker⁶, Mr James Andrews⁶, Mr Timothy Bradnock⁶, Dr Andreas Brunklaus², Dr Katharine Forrest², Dr Valerie Orr⁷ and Andrew Barclay¹.

¹Paediatric Gastroenterology, Royal Hospital for Children, Glasgow UK; ²Paediatric Neurology, Royal Hospital for Children, Glasgow UK; ³Paediatric Dietetics, Royal Hospital for Children, Glasgow, UK; ⁴Paediatric Pharmacy, Royal Hospital for Children, Glasgow, UK; ⁵Admin Services, Royal Hospital for Children, Glasgow, UK; ⁶Paediatric Surgery, Royal Hospital for Children, Glasgow, UK; ⁷Paediatric Neurodisability, Royal Hospital for Children, Glasgow, UK

12.20 – 12.30

Children and young people with inflammatory bowel disease attend less school than their healthy peers

Claire Barnes¹, James Ashton¹, Florina Borca², Mick Cullen¹, Dawn Walker³ and Robert Beattie¹.

¹University Hospital Southampton; ²NIHR Southampton Biomedical Research Centre; ³University of Southampton

12.30 – 12.40

D1 biopsies increases the diagnostic yield in coeliac disease in children

Chloe Ashton¹, Jeng Cheng¹ and Veena Zamvar¹.

¹Leeds Teaching Hospitals

12.40 – 12.50

Predicting Outcomes For Crohn's disease using a moLecular biomarkEr: PROFILE trial

Nurulamin Noor¹, Biljana Brezina¹, Juan De La Revilla Negro¹, Francis Dowling², Leisha O'Brien², Simon Bond², Kamal Patel³, Abigail Seward³, Klaartje Kok⁴, John Gordon⁵, Lynne Whitehead⁶, Sara Upponi¹, Paul Lyons⁷, Eoin McKinney⁷, Kenneth Smith⁷, James Lee⁷ and Miles Parkes¹

¹Addenbrooke's Hospital, Cambridge; ²Cambridge Clinical Trials Unit, Cambridge University Hospitals NHS Foundation Trust; ³St George's Hospital, London; ⁴Barts and the Royal London Hospital, London; ⁵Royal Hampshire County Hospital, Winchester; ⁶Clinical Trials Pharmacy, Addenbrooke's Hospital; ⁷Department of Medicine, University of Cambridge School of Clinical Medicine

12.50 – 13.00

Scottish longitudinal home parenteral nutrition dataset shows increased prevalence and survival: a unique national survey over 16 years.

Neil McConnell¹, Christina McGuckin², Catherine Paxton¹, David Mitchell¹, Simon Fraser², David Hoole¹, Gregor Walker², Timothy Bradnock², Atul Sabharwal², James Andrews², Carl Davis², Kathleen Ross³, Shyla Kishore³, Diana Flynn², Paul Henderson¹ and Andrew Barclay².

¹Royal Hospital for Sick Children, Edinburgh; ²Royal Hospital for Children, Glasgow; ³Royal Aberdeen Children's Hospital, Aberdeen

13.00 – 13.10

Paediatric e-BANS

Anthony Wiskin, Rachel Russell, Thomas Julian and Akshay Batra.

13.10 – 14.30

Lunch

Opportunity to meet sponsors

Poster judging

14.30 – 16.00

Session 3

Challenges of Multidisciplinary Team working and Transition

Chairs:

Dr Akshay Batra, Southampton

Dr Harween Dogra, London

and

Ms Jackie Falconer, London

14.30 – 15.10

Strategies in the management of intestinal failure and monitoring nutritional status

Dr Assad Butt

Consultant Paediatric Gastroenterologist

Brighton

Dr Girish Gupte

Consultant Paediatric Hepatologist

BWCH, Birmingham

Miss Ruth Hallows

Consultant Paediatric Surgeon

Brighton

Ms Alexa Robinson

Senior Dietitian

Brighton

Ms Amanda Harvey

Senior SALT

Brighton

Dr Sophie Velleman

Clinical Psychologist

Bristol

15.10 – 15.35

Transition practicalities – opportunities and pitfalls

Ms Jo Parker

Paediatric Gastroenterology Clinical Nurse Specialist

Brighton

15.35 – 16.00

Role of Consultant Gastro pharmacist in GI/IBD team

Anya St Claire-Jones

Lead Consultant GI Pharmacist

Brighton

16.00 – 16.20

Refreshments and opportunity meet Sponsors

Founders Room and Foyer Bar

Poster Viewing

Mezzanine

16.20 – 17.00

State of the Art Lecture

Session 4

Chair:

Ms Kate Blakeley, Psychologist, London

Body-brain interactions underlying emotion and cognition

Professor Sarah Garfinkel
Professor in Neuroscience and Psychiatry
Brighton & Sussex Medical School, Brighton

17.00 – 18.00

Industry Symposium

Session 5

Takeda

18.15 – 18.45

Associate Members' Annual General Meeting

Paginini Room, The Old Ship, Brighton

Trainee Members Annual General Meeting

Regency Room, The Old Ship, Brighton

19.15 – 20.30

**Annual Consultant v Trainees Football Match
or Netball match/Badminton**

18.30 – 22.00

Buffet Supper

The Old Ship Hotel

20.00 – late

Casino Night

Old Ship Hotel - Dress, smart casual
Fun entertainment and fund raising for local charity

BSPGHAN ANNUAL MEETING: DAY 2
Thursday 30th January 2020

The Dome, Brighton
brightondome.org

7.30 – 8.45
Open Working Group Meetings

The Old Ship Hotel, Brighton

Fecamp Room:

Professor Mark Beattie: CSAC - Open meeting for trainees and supervisors:

Boardroom:

Dr Mohamed Mutalib: Motility Working Group

Gresham Room:

Dr John Fell: Quality Standards

Tudor Room:

Dr Rafeeq Muhammed: IBD Working Group (open from 8.15 only)

Syndicate Room:

Dr Babu Vadamalayan: Endoscopy Working Group

Syndicate Room 2:

Dr Marcus Auth: EoE Working Group 8:15 – 8:45

8.00 – 10.00

Registration

West Corridor, The Dome

9.00 – 10.00

Industry symposium

Session 6

Danone: Nutricia:



Professor Vandenplas

'Infant regurgitation: how to manage?'

10.00 - 10.10

Welcome

Dr Assad Butt Mr Chris Smith and Ms Jo Parker

10.10 – 11.10

Hepatobiliary and pancreatic

Session 7

Chairs:

Dr Tassos Grammatikopoulous, London

and

Dr Keith Lindley, London

10.10 – 10.30

Novel approaches to replacing or regenerating liver function

Professor Anil Dhawan

Consultant Paediatric Hepatologist

London

10.30 – 10.50

Advances in management of Non Alcoholic Steatohepatitis

Professor Sumita Verma

Consultant Hepatologist

Brighton

10.50 – 11.10

Recurrent Acute Pancreatitis

Professor Michael Wilschanski

Consultant Gastroenterologist

Hadassah

11.10 – 11.30

Refreshments

Opportunity to meet sponsors

Founders Room and Foyer Bar

Poster viewing

Mezzanine

11.30 – 13.00
Intestinal Disease and Microbiome

Session 8

Chairs:

Dr Marcus Auth, Liverpool

and

Dr Rafeeq Muhammed, Birmingham

11.30 – 11.50

Coeliac Disease: what's new and where are we heading?

Dr Peter Gillett
Consultant Paediatric Gastroenterologist
Edinburgh

11.50 – 12.10

Tailoring treatment of autoimmune diseases in IBD – new therapies and personalised medicine

Professor A V Ramanan
Consultant Paediatric Rheumatologist
Bristol

12.10 – 12.30

The path of biologic therapies, where will it end? Insights from adult practice

Dr Melissa Smith
Consultant Gastroenterologist
Brighton

12.30 – 13.00

State of the Art Lecture

**Are dietary treatments a real alternative to conventional therapies?
Insights and evidence of modulating inflammation in IBD**

Dr Konstantinos Gerasimidis, Senior Lecturer in Clinical Nutrition, Glasgow

13.00 – 13.55

Lunch

Opportunity to meet sponsors

Founders Room and Foyer Bar

Poster viewing

Mezzanine

13.55 – 14.00

Official conference welcome to the City of Brighton

Madam Mayor Cllr Alexandra Phillips

14.00 – 15.00

Plenary abstract session II

Session 9

Chairs:

Dr Su Bunn, Aberdeen

and

Dr Mary-Anne Morris, Norwich

14.00 – 14.10

Improved neonatal outcome following implementation of NST

Femi Dhillip¹, Lauren Hill¹ and Christopher Forster¹.
¹Leeds Teaching Hospitals

14.10 – 14.20

Study of acute liver failure in children using targeted next generation sequencing technology

Robert Hegarty^{1,2}, Melissa Sambrotta², Philippa Gibson², Sandra Strautnieks¹,
Tassos Grammatikopoulos^{1,2} and Richard Thompson^{1,2}
¹King's College Hospital NHS Foundation Trust; ²King's College London

14.20 – 14.30
National study of management of acute variceal bleeding in paediatric liver centres

Suzanne Davison¹, Tassos Grammatikopoulos² and Jane Hartley³.
¹Children’s Liver Unit, Leeds Children’s Hospital; ²Paediatric Liver, GI and Nutrition Centre and MowatLabs, King’s College Hospital, London; ³Liver Unit, Birmingham Women’s and Children’s Hospital, Steelhouse Lane, Birmingham

14.30 – 14.40
Nutrition Evaluation Screening Tool (NEST): An easy to use, newly developed screening tool for hospitalised children

Kitt Dokal¹, Nadia Asmar¹, Rita Shergill-Bonner¹ and Mohamed Mutalib¹.
¹Evelina London Children’s Hospital

14.40 – 14.50
A national study of surveillance and primary prophylaxis of oesophageal varices in paediatric liver centres

Suzanne Davison¹, Tassos Grammatikopoulos² and Jane Hartley³.
¹Children’s Liver Unit, Leeds Children’s Hospital
²Paediatric Liver, GI and Nutrition Centre and Mowat Labs, King’s College Hospital, London; ³Liver Unit, Birmingham Women’s and Children’s Hospital, Steelhouse Lane, Birmingham

14.50 – 15.00
A single-centre experience of outcome of Kasai Portoenterostomy with adjuvant protocol

Kavitha Jayaprakash¹, Suzanne Davison¹, Sanjay Rajwal¹ and Naved Alizai¹.
¹Leeds Children’s Hospital, Leeds Teaching Hospitals NHS Trust

15.00 – 15.30
Debate and Ethical Controversy
Session 10
Chair:
 Dr Sue Protheroe, BSPGHAN President, Birmingham

Cannabis should be available as a treatment option for gastrointestinal conditions: for or against?

Dr Warren Hyer
 London

Professor Mark Beattie
 Southampton

15.30 – 15.50
Refreshments

Opportunity to meet sponsors
 Founders Room and Foyer Bar

Poster viewing and judging
 Mezzanine

15.50 – 15.55
Quality standards audit
Session 11
Chair:
 Dr John Fell, Consultant Paediatric Gastroenterologist, London

15.55 – 16.15
BSPGHAN Research updates
Session 12
Chair:
 Dr David Campbell, BSPGHAN Research Working Group Chair, Paediatric Consultant Gastroenterologist

16.15 – 16.50
Key Note Lecture

Session 13

Chair:

Professor Ian Sanderson, London

Past Reflections and future Horizons in IBD

Professor Anne Griffiths
Consultant Paediatric Gastroenterologist, Toronto

16.50 – 18.10

BSPGHAN Annual General Meeting

The Dome

19.00 till late

Drinks Reception and Gala Dinner

at the Hilton Hotel

19.00 – 20.00

Carriages

from The Old Ship Hotel to The Hilton

23.30 – 00.30

Carriages

Home from the Hilton to the Old Ship Hotel

Theme – Eurovision throughout the ages
Fancy Dress Optional

Dancing to live music from Abba's Angels and disco TheDJ

BSPGHAN ANNUAL MEETING: DAY 3
Friday 31st January 2020

The Dome, Brighton
brightondome.org

GI-Nutrition Cystic Fibrosis Joint Study Day
in association with CF Trust

7.30 – 8.45
Open Working Group Meetings

The Old Ship Hotel, Brighton

Boardroom:

Dr Akshay Batra: Nutrition Working Group

Fecamp:

Dr Himadri Chakraborty: Paediatricians with an interest Group

Gresham:

Dr Indra van Mourik: Liver Steering Group

Tudor:

Dr Peter Gillett; Coeliac Working Group

8.00 – 10.00

Registration

West Corridor, The Dome

9.00 – 10.00

Plenary Abstract Session III

Session 14

Chairs:

Dr Mark Furman, London

and

Dr Jutta Koeglmeier, London

9.00 – 9.10

How many children with severe neurodisability are being sent home on parenteral nutrition?

Elena Cernat¹ and John Puntis¹.

¹Leeds Children's Hospital, Leeds General Infirmary, Leeds, UK

9.10 – 9.20

EMERGENCI: A UK national prospective survey of severe GI bleeding (requiring upper GI endoscopy) and emergency endoscopy in under 16s

Nicholas Croft^{1,2}, Ramiya Kirupanathan³, Polychronis Kemos^{2,4}, Michael Stanton^{5,6} and Emergenci Collaborators^{1,5}

¹BSPGHAN; ²Barts and the London School of Medicine, Queen Mary University of London; ³Children CRF, Royal London Children's Hospital, Barts Health NHS Trust; ⁴Centre for Immunobiology, Blizard Institute, Barts and the London School of Medicine, Queen Mary University of London
⁵BAPS; ⁶University Hospital Southampton

9.20 – 9.30

Blended Diet: an adjunct to weaning home parenteral nutrition?

Diana Flynn¹, Christina McGuckin¹, Tracey Cardigan¹, Hazel Duncan¹, Andrew Barclay², Elaine Buchanan¹ and Simon Fraser¹

¹Royal Hospital for Children, Glasgow; ²NHS Greater Glasgow and Clyde

9.30 – 9.40

Oesophageal mucosa innervation in paediatric Eosinophilic Oesophagitis.

Kornilia Nikaki¹, Ahsen Ustaoglu¹, Chung Lee¹, Philip Woodland¹ and Daniel Sifrim¹

¹Wingate Institute of Neurogastroenterology, Blizard Institute, QMUL

9.40 – 9.50

Wilson's disease is associated with good long term outcome but neurological symptoms and signs may be under-recognised in children

Meranthi Fernando¹, Carla Lloyd¹, Indra Vanmourik¹, Mona Abdelhady¹, Deirdre Kelly¹, Jane Hartley¹, Evangeline Wassmer¹ and Girish Gupte¹

¹Birmingham Women's and Children's Hospital NHS Trust

9.50 – 10.00

Gene expression profiling identifies risk factors for progressive liver graft fibrosis

Nicola Ruth¹, Carla Lloyd¹, Deirdre Kelly¹, Stefan Hubscher² and Alberto Sanchez-Fueyo³.

¹Birmingham Children's Hospital; ²University of Birmingham; ³King's College, London

10.00 – 10.05

Welcome to CF GI/Nutrition day**Local organiser & CF trust representative**

10.05 – 11.35

Service and Training**Session 15****Chairs:**

Dr Loveday Jago, Manchester

and

Dr Caroline Elston, London

10.05 – 10.40**Gastrointestinal manifestations in CF: unrecognised and unmet service and training needs in UK? 'CF Digest' – experience of US training programme**

Dr Michael Fitzpatrick
Adult Gastroenterology Trainee
London

&

Meghana Sathe, MD
Co-Director Cystic Fibrosis Clinic and Co-Director TDC, Pediatric Program
University of Texas Southwestern II Children's Medical
Center Dallas and Plano

10.40 – 11.00**CF associated Liver Disease – how to recognise and manage?**

Professor Deirdre Kelly, CBE
Consultant Paediatric Hepatologist
Birmingham

11.00 – 11.35

State of the Art Lecture**Session 16****Chair:**

Professor Mike Thomson, Sheffield

CFTR Modulators and their impact on gut function

Professor Michael Wilschanski, Gastroenterologist, Hadassah

11.35 – 12.05

Refreshments**Opportunity to meet sponsors**

Founders Room and Foyer Bar

Poster viewing and judging

Mezzanine

12.05 – 12.30

Artificial Intelligence in Healthcare**Session 17****Chairs:**

Professor Nick Croft, London

Artificial intelligence Implications for GI patient care

Blay Whitby , Philosopher and Technology Ethicist
University of Sussex, Brighton

12.30 – 13.25
Motility and Microbiome

Session 18

Chairs:

Ms Nicky Heather, Southampton
and Dr Protima Deb, London

12.30 – 13.05

Clinical Challenges of lower GI motility disorders and gut fluidity in CF – DIOS and chronic constipation

Dr Bu'Hussain Hayee
Consultant Gastroenterologist
London

13.05 – 13.25

The Microbiome in CF – Restoring balance in the gut for less inflammation in the lungs?

Professor Dan Peckham
Consultant Respiriologist
Leeds

13.25 – 14.25

Lunch

Opportunity to meet sponsors

Founders Room and Foyer Bar

Poster viewing and judging

Mezzanine

14.25 – 15.45
Nutritional Consequences

Session 19

Chairs:

Professor Paul Seddon, Brighton
and
Dr Sandhia Naik

14.25 – 14.45

Energy expenditure in CF – implications for management

Dr Tony Wiskin
Consultant Paediatric Gastroenterologist
Bristol

14.45 – 15.05

Nutritional strategies in CF - too short sighted for longterm health: What needs to change?

Mr Chris Smith
Senior Paediatric Dietitian
Brighton

15.05 – 15.45

Strategies for managing poor adherence: what can gastroenterologists learn from CF patients? Case based discussion

Dr Sally Clarke
CF Clinical Psychologist
Brighton

&

Mr Jason Lenton,
Respiratory/CF Clinical Nurse Specialist
Brighton

15.45 – 16.00

Presentation of Annual Meeting Prizes

Presented by Dr Loveday Jago,
Chair of BSPGHAN Education Group

Alex Mowat Award – Best Hepatology Oral Abstract

Sean Devane Memorial – Best Gastroenterology Oral Abstract

BSPGHAN Best Poster Award

Dr Falk Best IBD Poster Award

16.00

Close of Meeting – Dr Assad Butt and Local Hosts

BSPGHAN Annual Meeting 2021

27th – 29th January 2021
Birmingham

SPEAKER BIOGRAPHIES AND PHOTOS



Professor Mark Beattie
Consultant Paediatric Gastroenterologist
University Hospital Southampton
Honorary Professor of Paediatric Gastroenterology
and Nutrition,
University of Southampton

Professor Beattie is a Consultant Paediatric Gastroenterologist in Southampton and the lead for the regional service. His main clinical and research interests include the Nutritional Management of Chronic Disease, particularly Inflammatory Bowel Disease. He has published widely in the area of Paediatric Gastroenterology and is the author of multiple revision texts, and the Oxford Handbook of Paediatric Gastroenterology, Hepatology and Nutrition now in 2nd Edition. He was President of the British Society of Paediatric Gastroenterology, Hepatology and Nutrition from 2010-3 and is the current chair of the Royal College of Paediatrics and Child Health Speciality Advisory Committee for Paediatric Gastroenterology, Hepatology and Nutrition. He was the Editor in Chief of Archives of Disease in Childhood, BMJ Publishing Group 2012-7 and is currently the Editor in Chief of Frontline Gastroenterology



Dr Assad Butt
Consultant Paediatric Gastroenterologist
Royal Alexandra Children's Hospital
Eastern Road
Brighton

Assad Butt is a consultant Paediatric Gastroenterologist at the Royal Alexandra Children's Hospital, Brighton and Sussex University hospitals. He is the local and regional Gastroenterology & Nutrition lead of a service he first help establish and subsequently develop, since his consultant appointment in 2002. Assad was appointed at an exciting time in Brighton with opportunities to contribute to the new medical school and 'state of the art' Children's hospital developments, both successfully established in 2003 and 2007 respectively.

A graduate from the University of London, he initially embarked on general but then changed track to subspecialist paediatric training, acquired in both the U.K and Canada; the latter, in the Gastroenterology and Nutrition fellowship training programme at the Hospital for Sick Children, University of Toronto.

Assad undertakes a number of leadership roles and responsibilities, locally, regionally and nationally including representations in Paediatric Gastroenterology subspecialty society and National Centre for Clinical Excellence (NICE). Main clinical interests are in inflammatory bowel, coeliac disease and intestinal failure.

He maintains a keen interest and active participation in under- and post- graduate education, training and academic endeavours including research.



Dr Sally Clarke (Dr Sally Harris)
CF Clinical Psychologist
Brighton
Paediatric Clinical and Health Psychologist
PhD, ClinPsyD, MSc, BSc, CPsychol AFBPsS

Dr Sally Harris (formerly Sally Clarke) has worked as a psychologist with children with chronic health conditions since 2002. Sally started her career as a research psychologist at the University of Sheffield and completed a PhD in psychological aspects of childhood cancer in 2008. Sally then completed the Clinical Psychology Doctorate (ClinPsyD) training programme at the University of Manchester in 2013, and worked as a Clinical Psychologist at Great Ormond Street Children's Hospital before starting her current post at Royal Alexandra Children's Hospital in Brighton in 2015.

Sally works with children, parents, and siblings using a range of therapeutic approaches and has a particular interest in Cognitive Behaviour Therapy (CBT) and Acceptance and Commitment Therapy (ACT). She has worked in a number of paediatric specialities (including cancer, cystic fibrosis, diabetes, gastroenterology, rheumatology, and disfigurement/visible difference) with a range of issues relating to chronic conditions. These include issues such as pain, anxiety about procedures, managing and living with symptoms, anxiety and low mood, motivation and adherence to treatment, adjustment to symptoms and illness, and peer, school, and family difficulties.

Sally is registered with the Health Care Professions Council as a Clinical and Health Psychologist, and is a Chartered Psychologist (CPsychol) and Associate Fellow of the British Psychological Society (AFBPsS). She has also published research examining child and family adjustment to chronic conditions and is actively involved in research (see research gate profile <https://www.researchgate.net/profile/Sally-Ann-Clarke>)



Dr Suzanne Davison
Consultant Paediatric Hepatologist
Children's Liver and GI Unit
Leeds General Infirmary
LS13EX

Suzanne Davison has been a Consultant Paediatric Hepatologist since 2001, when she was appointed to the newly designated National Children's Liver Service in Leeds. A graduate from St Andrew's and Manchester Universities, she developed an interest in hepatology as a SHO in Birmingham, and later returned there to complete her specialist training. She has a particular interest in viral hepatitis and CF liver disease. Outside interests include photography and foraging, often combined, and she strives to be creative with saxophone and watercolours, but not at the same time.

Professor Anil Dhawan
Consultant Paediatric Hepatologist
King's College Hospital
Denmark Hill
London



Designation: Corporate Medical Director Paediatrics, and Variety Children's Hospital. Director, Paediatric Liver GI and Nutrition Center and Mowat Labs, KCH, London, UK and King's College London.

Interests; Human hepatocyte transplantation (www.DhawanLab.org), immuno-suppression after liver transplantation, Wilson Disease, neonatal cholestasis, fatty liver disease, acute liver failure, gut microbiota, liver axis and health care management. He has over 300 peer reviewed publications and has edited 5 books in the field of liver disease. His research is supported by MRC, NIHR, EU-FP7, Horizon 2020, NIH Bethesda, USA, Mowat Labs and King's College Hospital Charity.



Dr Michael Fitzpatrick
University of Oxford

Michael Fitzpatrick is a clinical research fellow and adult gastroenterology trainee at the University of Oxford. His research focuses on mucosal T cell immunology in coeliac disease and intestinal transplantation. His clinical interests include nutrition, small bowel disorders, coeliac disease, cystic fibrosis, and intestinal transplantation. He is also the co-chair of the Trainees Committee at the Royal College of Physicians of London.



Professor Sarah Garfinkel
Professor in Neuroscience and Psychiatry
Brighton and Sussex Medical School
Brighton

Sarah Garfinkel is a Professor of Clinical and Affective Neuroscience at the Brighton and Sussex Medical School and University of Sussex. In September 2018, Sarah was named by the journal Nature as one of 11 "Rising Star" researchers, across all STEM disciplines internationally, and the only scientist to be selected from the UK. She completed her PhD in Experimental Psychology the University of Sussex, before undergoing a training fellowship in Psychiatry and Neuroscience at the University of Michigan. Her current work focuses on brain-body interactions underlying emotion and cognition. Also adopting a translational perspective, she investigates altered body-brain mechanisms in different psychiatric conditions.



Dr Konstantinos Gerasimidis
Senior Lecturer in Clinical Nutrition
School of Medicine
College of MVLS
University of Glasgow
Glasgow Royal Infirmary
10-16 Alexandra Parade
G31 2ER

Dr Konstantinos Gerasimidis is Senior Lecturer in Clinical Nutrition and graduate in Nutrition and Dietetics. Dr Gerasimidis leads a laboratory team which explores the role of gut microbiota and its interaction with diet in the onset, propagation and management of acute and chronic conditions. He has a strong interest in exploring the effect of habitual diet, elimination diets and artificial nutritional support on the gut microbiota of children and adults with inflammatory bowel disease



Dr Peter Gillett
Consultant Paediatric Gastroenterologist
Royal Hospital for Sick Children
9 Sciennes Road
Edinburgh
EH9 1LF

Peter Gillett is a Consultant Gastroenterologist at the Royal Hospital for Sick Children, Edinburgh Scotland. His paediatric training was in Newcastle and Edinburgh and his GI fellowship was at the Children's Hospital in Vancouver and took up his current post in 2001. His interests are coeliac disease, upper GI and small bowel disorders, endoscopy, functional GI disorders and constipation and its improved management, informatics, education and engagement with colleagues and families and management teams to make holistic management more consistent and responsive.

He helped set up the SE Scotland regional paediatric coeliac service in 2001 and has been an Advisor to Coeliac UK for over 10 years and sits on their Health Advisory Council. He was a member of the Scottish Government Group developing the Gluten-Free Food Service and was a member of the NICE Coeliac Disease NG20 group. He chairs the BSPGHAN Coeliac working group and co-leads the Scottish Government new coeliac strategy which aims to provide optimal diagnostics and ongoing management for patients with CD as part of the Modern Outpatient Programme, with dietitians playing a key role in primary management in all age groups. He is a member of the ESPGHAN Coeliac SiG group and is a co-author of the new ESPGHAN 2019/20 guidelines. With the group's key new strategies including ongoing pragmatic / evidence-based guidance and to reduce unnecessary testing and enabling self-care, and with the CUK awareness week being about children, 2020 will prove to be an exciting one for 'coeliacologists'.



Professor Anne Griffiths
Consultant Paediatric Gastroenterologist
The Hospital for Sick Children
Toronto

Dr. Anne Griffiths is a pediatric gastroenterologist and clinician/investigator at the Hospital for Sick Children, Toronto, where she co-leads the Inflammatory Bowel Disease Centre and holds the Northbridge Financial Corporation Chair in IBD. She is a senior Associate Scientist in the Child Health and Evaluative Sciences Program of the SickKids Research Institute, and a Professor of Pediatrics at the University of Toronto. She is the Principal Investigator of the CH.I.L.D. Foundation/CIHR Canadian Children IBD network, which includes 12 pediatric IBD centers across Canada. She has authored over 300 peer reviewed publications, and has lectured widely internationally on pediatric IBD. As a former Director of the University of Toronto Pediatric Gastroenterology Training Program and Head, Division of GI/Hepatology/Nutrition (2008-2015), Dr. Griffiths has mentored and trained many pediatric gastroenterologists, now clinician investigators engaged in IBD research across Canada and beyond.

<http://www.sickkids.ca/AboutSickKids/Directory/People/G/Anne-Griffiths.html>



Dr Girish Gupte
Consultant Paediatric Hepatologist
Liver Unit
Birmingham Women's and Children's Hospital
Steelhouse Lane
Birmingham

Dr Girish Gupte is a Consultant Paediatric Hepatologist at Birmingham Women's and Children's Hospital NHS Foundation trust since 2004 and is the Clinical Lead for the Intestinal Transplantation service and Metabolic liver disease service. He did his undergraduate and postgraduate training in Paediatrics in Mumbai, India and came to the UK for further training in 1995. He did his initial training in various parts of the country and did his specialist training in Paediatric Hepatology at Birmingham Children's Hospital from 2001-2004.

His main areas of interest are non-invasive markers of rejection in liver and/or intestinal transplantation, quality of life following transplantation, antibody mediated rejection in liver and /or intestinal transplantation, nutrition in liver and/or intestinal transplantation.

He has delivered lectures nationally and internationally on various topics related to liver diseases and intestinal transplantation. He has organised postgraduate courses at national and international level, study days to further knowledge about management of paediatric liver disease and intestinal transplantation

He is currently on the ESPGHAN Hepatology Committee (2016-) and has been in Executive committee (Treasurer BSPGHAN 2014-2017) and also served on the council of IRTA (Intestinal Rehabilitation and Transplant Association 2009-2013), past chair of NITE (Network for Intestinal failure and Transplantation in Europe). He is deputy chair of the MCTAG advisory group for NHSBT and is keen to promote organ donation within various communities.

In his spare time he enjoys spending time with his family and having a good laugh with his friends over a glass of...

Miss Ruth Hallows
Consultant Paediatric and Neonatal Surgeon
The Royal Alexandra Children's Hospital
Eastern Road
Brighton

RH has been a consultant paediatric and neonatal surgeon at the Royal Alexandra Children's Hospital, Brighton for 14 years, and been the lead clinician for the department for 10 years. She did most of her paediatric surgical training in Birmingham Children's Hospital, having qualified from Guy's Hospital Medical School.

She is a member of BAPS. Her main areas of special interest are surgical nutrition and vascular access surgery.

She is an examiner for the intercollegiate part 3 examinations in paediatric surgery. She also has an interest in educational supervision of trainees and undertakes consultant appraisals.

She is actively involved in teaching of different healthcare professionals in all aspects of neonatal and paediatric surgery.

Mrs Amanda Harvey
Principal Speech and Language Therapist
–Paediatric Dysphagia
The Royal Alexandra Children's Hospital
Eastern Road, Brighton

Amanda qualified as a Speech and Language Therapist in 1997 with an BSc in Speech Sciences from University College, London.

She has been working for over 22 years as a Speech and language Therapist and as a specialist in paediatric dysphagia for 20 years. Prior to her current position at the Royal Alexandra Children's Hospital, Brighton, she worked for several years in community roles developing sensory programmes for children with dysphagia as part of a multi-professional team.

Amanda has had experience in a variety of specialist areas including Respiratory, neonatology cardiology, neurology, PICU and HDU, and in her current role expanding on her experience in gastroenterology, surgery and intestinal failure.



Dr Bu'Hussain Hayee PhD FRCP AGAF
Clinical Lead for Gastroenterology
King's College Hospital NHS Foundation Trust
Reader in Gastroenterology
Kings's College
London

Bu'Hussain Hayee is Clinical Lead for Gastroenterology at King's and Reader at King's College London. He is nationally-accredited for bowel cancer screening colonoscopy and has specialist interests in IBD, therapeutic endoscopy, medical Robotics and the management of patients with Cystic Fibrosis. Together with Dr Caroline Elston, he has developed and delivers the CF-GI service at King's. Dr Hayee serves on the Endoscopy section committee of the British Society of Gastroenterology and is a Fellow of the American Gastroenterological Association.



Dr Warren Hyer
Consultant Paediatric Gastroenterologist
Northwick Park and St Mark's Hospital
Watford Road
Harrow
Middlesex

Consultant Paediatric gastroenterologist at St Mark's Hospital UK; Chelsea and Westminster Hospital.

Lead for Polyposis Working Group, ESPGHAN. Principal author of the three recent ESPGHAN Polyposis Position Statements published JPGN 2019.

Published widely on paediatric polyposis.

Consultant paediatric gastroenterologist to St Mark's Hospital polyposis registry UK.



Professor Deirdre A Kelly, CBE
Consultant Paediatric Hepatologist
Liver Unit
Birmingham Women's and Children's Hospital
Steelhouse Lane
Birmingham

Professor Deirdre Kelly is Professor of Paediatric Hepatology at the University of Birmingham, Consultant Paediatric Hepatologist and Founding Director of the Liver Unit for Birmingham Women's & Children's Hospital NHS Foundation Trust. She is a graduate of Trinity College, Dublin.

She has trained in both adult and paediatric gastroenterology and hepatology. She set up the Paediatric Liver Unit at Birmingham Women's & Children's Hospital in 1989 which provides a national and international service for children with liver failure and undergoing liver transplantation, transforming survival and outcome for these children.

Professor Kelly's research interests include understanding biliary epithelial development and the genetic basis for neonatal liver disease, improving diagnosis using innovative genetic screening and developing models to treat genetic disease. Her research has led to centralisation of care for children with biliary atresia; improvements in therapy for viral hepatitis in children and the quality and outcome of life following liver and/or intestinal transplantation. She has initiated international research into graft outcomes (Graft Injury Group; funded by an EASL registry grant).

She has been President of the European Society of Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN) (2006-2010), British Society for Paediatric Gastroenterology, Hepatology and Nutrition (BSPGHAN) (2004-2007) and the International Pediatric Transplant Association (IPTA) (2002-2005).

She is a member of the UK Lancet Commission on Liver Disease (2014-) and a member of the Lancet-EASL Commission on Liver Diseases in Europe (2018).

Professor Kelly is author of several textbooks about paediatric liver disease and has published many original articles and chapters on liver disease, liver



transplantation and viral hepatitis. She is deputy Editor of Liver Transplantation (2015-).

Professor Kelly was made a CBE (Commander of the British Empire) by her Majesty the Queen in 2016 and received the ESPGHAN Distinguished Service award in 2016 and the EASL Recognition Award in 2019.

Dr Shankar Kanumakala
Consultant Paediatrician (Endocrinology & Diabetes)
Royal Alexandra Children's Hospital
Eastern Road, Brighton

Received training across 3 countries - Basic and Paediatrics training in India; followed by Paediatric and endocrine training in UK and finally paed endocrinology fellowship from Melbourne, Australia. First consultant post at Brighton (from 2002) and hoping this will be the last post too before retirement!

Support children with diabetes and endocrine problems and their families; special interests in children with obesity, Prader Willi Syndrome and diabetes related research.

Also support children with endocrine problems secondary to long term conditions such as Cystic Fibrosis, IBD, prolonged steroid therapy etc.

Very much interested in trekking as a hobby; completed trekking Scafell Pike in England and Mount Etna in Sicily (in 2019). Trekking in the Grand Canyon is still on the bucket list, if possible.



Jason Lenton RN (Children)/ BSc (Hons)
Cystic Fibrosis /
Respiratory Nurse Specialist (Children's)
Respiratory Care
Royal Alexandra Children's Hospital
Brighton

Jason qualified as a Registered Childrens Nurse in 1994 from DeMontfort University and initially worked in Children's Oncology and Respiratory Care in Leicester. In 1998 he moved to Brighton to take up a Senior Nurse role and Ward Manager. As Cystic Fibrosis and Respiratory Care had become his main interest, in 2003 he joined the Respiratory Team at the Royal Alexandra Childrens Hospital and took up the role of Cystic Fibrosis/Respiratory Nurse Specialist.

Jason has developed and extended his role and practice, running Nurse led clinics and locally implementing the CF Newborn screening programme in 2007. He became an independent prescriber in 2011 and is a member of the UK CF Nurses Association. Brighton's CF team has developed and expanded over the last 15 years and achieved Regional CF Centre status in 2019.

In his spare time, he practices Yoga and Meditation and is currently compiling a list of '100 terrible dad jokes'

Dr Ziva Mrevije
Consultant Gastroenterologist
Brighton and Sussex University Hospitals NHS Trust
Royal Sussex County Hospital
Eastern Road
Brighton



I've specialised in Gastroenterology and Hepatology in Slovenia and went on to work and train in liver transplantation at King's College Hospital in London as a senior research fellow, focusing on nutrition in chronic liver disease. After moving to Sussex, I worked as a consultant Gastroenterologist at Worthing hospital for 2 years and then transferred to BSUH; here I took over the lead in UGI Physiology and Nutrition. Through my involvement with oesophageal dysmotility and dysphagia, I've developed a specialist interest in eosinophilic oesophagitis.



Dr Mohamed Mutalib
Consultant Paediatric Gastroenterologist
Evelina London Children's Hospital
St Thomas' Hospital
Westminster Bridge Road, London

Dr Mutalib is a consultant and head of service for paediatric gastroenterology at Evelina London Children' Hospital. He has expanded and restructured the service at Evelina and introduced specialised clinical divisions to cover all areas of paediatric gastroenterology including integration of paediatric and adult IBD services and setting up a new GI motility service, the only dedicated multidisciplinary, diagnostic and therapeutic paediatric GI motility service in the Southeast of England. Dr Mutalib special interest is paediatric GI motility and he is the current chair of the motility working group of BSPGHAN, he oversaw the publication in peer reviewed journals of two BSPGHAN consensus statements in pH impedance and anorectal manometry

Joanne Parker
Paediatric Gastroenterology Clinical Nurse
Specialist
Royal Alexandra Children's Hospital
Brighton



Joanne qualified in 2004 at Southampton University with a degree in Paediatric Nursing. After working in Guildford and Brighton in SCBU, the Surgical Unit and High Dependency an opportunity arose to join the Gastroenterology team in Brighton 4 years ago as the clinical nurse specialist. The role is challenging due to the complex nature and challenges faced on a daily basis but highly rewarding allowing her to build a rapport with the patients and their families. Joanne is currently working towards a masters to become an advanced practitioner completing the physical assessment and prescribing modules.



Professor Daniel Peckham
Professor of Respiratory Medicine
St James's University Hospital
Leeds

Daniel Peckham is Professor of Respiratory Medicine at the University Leeds. As Director of the cystic fibrosis, bronchiectasis and primary ciliary dyskinesia services, he continues to combine clinical practice with scientific research. He co-developed the British Thoracic Society education platform and is presently the Director of Education for the ECFS. He has pioneered electronic patient records which he developed and deployed in 2007. His research focuses on auto-inflammation, small molecules, gut microbiome, drug allergy, adherence, health informatics and clinical trials.



Athimalaipet V. Ramanan, FRCPCH, FRCP
Consultant Paediatric Rheumatologist
Bristol Royal Hospital for Children
Upper Maudlin Street, Bristol and
The Royal National Hospital for Rheumatic Diseases
Bath

Athimalaipet V. Ramanan is a consultant pediatric rheumatologist at the Bristol Royal Hospital for Children and the Royal National Hospital for Rheumatic Diseases, Bath, UK. He is the joint lead for research (Division of Women and Children) at the Bristol Royal Hospital for Children, and Professor of Paediatric Rheumatology at the University of Bristol.

Professor Ramanan is a medical advisor for the National Rheumatoid Arthritis Society, Olivia's Vision and the National Ankylosing Spondylitis Society. He is also Chair for the National Institute for Health Research Clinical Research Network: Children/Arthritis Research UK (ARUK) Paediatric Rheumatology Clinical Studies Group, and Associate Director for the UK Experimental Arthritis Treatment Centre for Children (JIA-Uveitis and Industry work streams). He was awarded the British Society of Rheumatology's Innovation in Clinical Practice Award in 2010. He was also awarded the University of Bristol Vice Chancellor's Health Impact award in 2017 and Royal College of Physicians/NIHR CRN Award for outstanding contribution to research in 2018

Professor Ramanan's research interests focus on biologics for uveitis in children, juvenile dermatomyositis, genetic aspects of JIA, and macrophage activation syndrome, and has published >150 articles and numerous book chapters covering a variety of topics in the field of rheumatology. He is the Co-Editor of Rheumatology and Associate Editor for the Archives of Diseases in Childhood.



Ms Alexa Robinson
Senior Dietitian
The Royal Alexandra Hospital
Eastern Road
Brighton

Alexa qualified as a dietitian in 2008 with an MSc in Dietetics from Queen Margaret University, Edinburgh. She has been working for over 11 years as a dietitian and as a specialist paediatric dietitian for 9 years. Prior to her current position at the Royal Alexandra Children's Hospital, Brighton, she worked for several years at the Evelina London Children's Hospital and completed locum positions at Oxford Children's Hospital and Birmingham Children's Hospital. Alexa has had experience in a variety of specialist areas including cardiology, neurology, PICU and HDU, and in her current role expanding on her experience in gastroenterology and surgery, developing a particular interest in intestinal failure.



Anja St. Clair Jones,
Dip.Pharm, MSc, FFRPS, MRPharmS (IPresc)
Consultant Pharmacist Gastroenterology,
Brighton & Sussex University Hospitals NHS Trust
bsuh.gastro.pharmacists@nhs.net

Anja St. Clair Jones qualified as a pharmacist in Switzerland in 1987 and has since practiced as a clinical pharmacist in the United Kingdom. In 2011 Anja completed an MSc in Advance Pharmacy Practice at University College London whilst leading the surgical team at the Brighton and Sussex University Hospitals NHS Trust.

In 2012 as an independent prescriber she established drug monitoring clinics for immunosuppressants used in gastroenterology and supervises the biologics infusion clinic, optimising and managing these therapies for the local IBD population. She leads the pharmaceutical service to the multidisciplinary Sussex Operational Delivery Network (ODN) providing regional services for viral hepatitis and hepatology inpatient and outpatient care.

In 2016 she gained the title of Consultant Pharmacist Gastroenterology with the remit to promote pharmacy services in Gastroenterology.

Anja is currently chairing the Gastroenterology and Hepatology Interest Group of the United Kingdom Clinical Pharmacy Association (UKCPA), fellow of the Royal Pharmaceutical Society, committee member of British Viral Hepatitis Pharmacy Group (BVHG) and a member of the national IBD Standards Steering group actively promoting specialised pharmacy practice. National and international publications showcase pharmaceutical care in the gastroenterology field and encourage and inspire young pharmacists to strive for excellence in pharmacy practice.



Meghana Sathe, MD
Co-Director Pediatric Cystic Fibrosis Clinic
Associate Fellowship Director
Pediatric Gastroenterology and Nutrition
UT Southwestern Medical Center
Children's Health

Dr. Meghana Sathe received her medical degree from the Miller School of Medicine at the University of Miami. She moved to the University of Texas Southwestern (UTSW) / Children's Health for internship and residency in Pediatrics as well as fellowship in Pediatric Gastroenterology, Hepatology and Nutrition. During her fellowship, Dr. Sathe pursued basic science research, studying purinergic signaling of ATP on cholangiocytes to better understand the interaction between ATP and CFTR (Cystic Fibrosis Transmembrane Regulator) within the liver. In 2009, Dr. Sathe joined the faculty at UTSW / Children's Health leaving her laboratory experiences and quickly becoming the GI MD in CF clinic. In 2013, Dr. Sathe assumed leadership of the CF Center and the Pediatric CF Clinic as co-director with Dr. Sharma (pediatric pulmonologist). In 2014, Dr. Sathe also took on leadership of the pediatric arm of the Therapeutic Drug Center (TDC) at UTSW / Children's Health. That was a pivotal year for her, as she also became part of the first DIGEST (Developing Innovative Gastroenterology Speciality Training). This opened up many doors for Dr. Sathe including opportunities to serve on the CF Foundation Guidelines Committee, the Protocol Review Committee, and the Data Safety Monitoring Board. It brought on invitations to write review papers and the honor of being selected as one of the GALAXY (GI symptoms observational study) Principal Investigators. Through her work in GALAXY, in 2018, Dr. Sathe joined the 3rd Clinical Scholars Research Program (CRSP) as the first gastroenterologist to be chosen as a mentee. In addition to CF Care, Dr Sathe has been the Associate Fellowship Director of the Pediatric Gastroenterology, Hepatology, and Nutrition fellowship since 2009. In 2016, she took on the responsibility of training the first CF GI Fellow at UTSW / Children's Health funded by the CFF Fellowship Clinical Training Grant. This has become one of the highlights of her academic career, especially with her first trainee making CF the focus of her future career and being awarded a DIGEST grant. She is currently training her 4th CF GI Fellow.



Mr Chris Smith
Senior Paediatric Dietitian
The Royal Alexandra Children's Hospital
Brighton

Chris has 18 years' experience in clinical dietetics. Following his training in London he started work in Paediatrics at the Royal Free Hospital London then moved to the Children's Hospital in Brighton in 2007. Since this time he has worked in a role covering Gastroenterology and Cystic fibrosis.

Chris was the joint chair for the European CF Nutrition group as part of the European Cystic fibrosis Society (ECFS) between 2014 -2019 and currently sits on the European Education committee. Chris also has worked over the last 7 years with the charity CF Europe on various projects around Eastern Europe including Latvia, Estonia, Ukraine, Romania and Bulgaria. This work has given him first-hand experience of the disparity of nutrition status and treatments in CF healthcare.

Since setting up the Nutritional Clinical Investigation Unit at the Children's Hospital in 2014, his current projects focus on body composition and indirect calorimetry. He has authored journal articles and book chapters in the field of nutrition and lectures at both the University of Surrey and the University of Sussex. In his spare time Chris runs a taxi service for his 2 children.



Dr Melissa Smith
Consultant Gastroenterologist
Brighton

Dr Melissa Smith is a Consultant Gastroenterologist and clinical lead for inflammatory bowel disease at Brighton and Sussex University Hospitals Trust and tutor at Brighton and Sussex Medical School. She has an interest in optimisation of available therapies for IBD and is a co-author on the recent BSG guidelines for the management of IBD.



Dr Sophie Velleman
Clinical Psychologist
Bristol Royal Hospital for Children
Psychological Health Services
Bristol

Dr Sophie Velleman qualified from the University of Exeter as a clinical psychologist in 2012 and worked for the first three years in a Paediatric CFS/ME service. She moved to Bristol Royal Hospital for Children within the Paediatric Gastroenterology and Paediatric Renal Teams in 2016. Sophie has a special interest in working with children who struggle with eating and sits on the Coeliac Disease Working Group. She is also the joint chair for the Gastroenterology Special Interest Group for psychologists working in gastro across the country that aims to meet 3-4 x a year and collaborate on research and best practice. She is hoping to set up a working group for the Emotional Well-being/Psychological well-being of children with gastroenterology conditions and their families within BSPGHAN.



Professor Sumita Verma
Professor of Hepatology,
Brighton and Sussex Medical School
Hon Consultant Hepatologist,
Brighton and Sussex University Hospital
Main Medical School Teaching Building, Room 2.17
North South Road
Falmer
Brighton, BN1 9PX

Sumita Verma is Professor of Hepatology at Brighton and Sussex Medical School (BSMS), and an Honorary Consultant/Academic Lead in Hepatology at Brighton and Sussex University Hospital. Professor Verma obtained her medical degree from the University of Delhi, India before training as a Gastroenterologist/Hepatologist in Yorkshire, UK. She subsequently worked as an Assistant Professor in Hepatology at the University of Southern California and Johns Hopkins University Hospital, before being appointed as an Academic Hepatologist at Brighton in 2007. Professor Verma has developed Hepatology research at BSMS, receiving research funding from the National Institute of Health Research, Dunhill Medical Trust and Gilead Sciences. Her research focuses on developing and evaluating innovative community models of care for vulnerable adults with liver disease and improving symptom burden in advanced cirrhosis by assessing the role of long term abdominal drains. She has authored multiple publications in Hepatology.



Dr Anthony Wiskin
Consultant Paediatric Gastroenterologist
Royal Bristol Children's Hospital
Upper Maudlin Street
Bristol

Tony obtained his primary medical degree from University of Southampton. He was awarded his PhD from University of Southampton in 2013 for his thesis exploring energy expenditure in Paediatric Inflammatory Bowel Disease. This work was supported by a CICRA fellowship. Tony completed Grid training in Paediatric Gastroenterology, Hepatology & Nutrition at Southampton, Great Ormond Street and Kings College Hospitals.

Tony was appointed as a Consultant Paediatric Gastroenterologist at Bristol Royal Hospital for Children in 2015. He is currently the clinical lead for nutrition. Tony is part of the BSPGHAN Nutrition working group and leads the e-BANS group within this.



Dr Blay Whitby
Philosopher and Technology Ethicist
Visiting Lecturer
Engineering, Informatics, Cognitive Science
University of Sussex
Brighton

Dr. Blay Whitby is philosopher and ethicist concerned with the social impact of new and emerging technologies. His work has concentrated on the area of AI and robotics since 1988, attempting to increase informed debate on the ethical dilemmas posed by these technologies.

More recent publications in this area include Automating medicine, the ethical way, Do you want a robot lover?, Oversold, unregulated, and unethical: Why we need to respond to robot nannies, On Computable Morality, and Sometimes it's hard to be a robot: A call for action on the ethics of abusing artificial agents. His books on the area include: Reflections on Artificial Intelligence: The Legal, Moral and Ethical Dimensions Artificial Intelligence: A Beginner's Guide, and Artificial Intelligence, A Handbook of Professionalism.

Dr. Whitby is a member of the All Party parliamentary Group on AI, The Ethics Group of BCS, The Chartered Institute of IT, an ethical advisor to The Royal Academy of Engineering and an ethics expert for the EU specializing in AI and robotics.

Committed to increasing public awareness, he is a regular speaker in and community, commercial, and military, settings as well as having participated in several high impact science/art collaborations. Dr. Whitby currently lectures at Imperial College London, Ada College London, Sussex University, and Brighton and Sussex Medical School.



Professor Michael Wilschanski
Director Paediatric Gastroenterology Unit
Hadassah Hebrew University Medical Centre
Jerusalem
Israel

Dr Wilschanski studied medicine at the Royal Free Hospital in the University of London. trained in Pediatrics in Jerusalem and was a Fellow in Pediatric Gastroenterology in Sick Childrens Hospital in Toronto. He is the Director of Pediatric Gastroenterology in Hadassah Hebrew University Medical Center, Jerusalem, with clinical and basic research activities. The focus of basic research is in ion transport via Nasal Potential Difference and Intestinal Current Measurements.

Dr Wilschanski is the founder of the European Society of Pediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN) Working Group on Pancreatic disorders and Cystic Fibrosis and has served as secretary of the Gastrointestinal Committee of ESPGHAN. He co-founded the Diagnostic Network of the European CF Society and was its coordinator for its first 10 years. He is an Associate Editor of the Journal of Cystic Fibrosis and the Journal of Pediatric Gastroenterology, Hepatology and Nutrition.

He receives funding from the North American CF Foundation and is a collaborator on an NIH funded study on recurrent pancreatitis in children.

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Adult and Paediatric Gastroenterology
Bart's and the London
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Consultant Respiratory and Neonatal Paediatrician
Royal Sussex County Hospital
Eastern Road
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Professor Mike Thomson
Consultant Paediatric Gastroenterologist
Sheffield Children's Hospital
Western Bank
Sheffield

INDUSTRY SPONSORED SYMPOSIUM
SPEAKER BIOGRAPHIES AND ABSTRACT

PROFESSOR YVAN VANDENPLAS
VRIJE UNIVERSITEIT BRUSSEL
BRUSSELS



Biography:

Yvan Vandenplas studied medicine and trained in pediatrics (1981-1986) at the Vrije Universiteit Brussel. He became Head of the Unit for Pediatric Gastroenterology and Nutrition in 1987, and is Head of the KidZ Health Castle at the University Hospital Brussels (UZ Brussel) and the Chair of Pediatrics since 1994.

Yvan's main interests are gastro-esophageal reflux (diagnostic procedures, treatment), eosinophilic esophagitis, infant nutrition, probiotics and prebiotics, cow's milk protein allergy, functional gastrointestinal disorders and *Helicobacter pylori*. He has published many original research and review papers on topics such as infant nutrition, gastro-esophageal reflux and functional gastrointestinal disorders. He is now one of the associate editors of the Journal of Paediatric Gastroenterology and Nutrition. He is also the chair of the ESPGHAN Special Interest Group on "Gut Microbiota & Modifications". Yvan has more than 450 publications listed in Medline, and over 1000 oral presentations at different international meetings.

Summary of Talk

Infant regurgitation: how to manage?

Yvan Vandenplas

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Regurgitation is a common condition in infants, as it occurs in over 25% of all infants. The incidence of Gastroesophageal reflux (GER) in healthy infants and children is unknown since it is unethical to investigate asymptomatic children. Gastroesophageal reflux disease (GERD) is a multifactorial disease, independent of age. There is a wide spectrum of symptoms and signs both for GER and GERD, which are partially age-dependent.

Infant regurgitation spontaneously disappears with increasing age. Regurgitation in infants is frequent cause of parental anxiety and since “time is the cure”, reassurance is the cornerstone of its management. Although regurgitation is not a reason to stop breastfeeding, thickened formula does reduce regurgitation and contributes to the reassurance of parents. Isolated infant crying and/or distress without the presence of other symptoms of GER is not a symptom of GERD. More in infants than in older children, there is an overlap between symptoms of eosinophilic esophagitis, cow’s milk protein allergy and GERD. International guidelines emphasize dietary treatment with thickened formula as the recommended approach to infant regurgitation. Treatment of regurgitation and moderate reflux disease should focus on reassurance, dietary and possibly also positional treatment. Alginates may be useful when immediate symptom relief is required, although there is almost no data in children.

Regurgitation has been reported to be commonly associated with other gastrointestinal (GI) symptoms. Anti-regurgitation (AR) formulas are advised as the preferred management for uncomplicated regurgitation for non-exclusively breastfed children. Postbiotics derived from the Lactofidus™ fermentation process, and a specific mixture of short chain galacto-oligosaccharides and long chain fructo-oligosaccharides (scGOS/lcFOS, ratio 9:1) have been shown to positively modulate gut microbiota function and alleviate gastrointestinal symptoms such as hard stools. Combining carob bean gum (CBG) as thickener with pre- and postbiotics may have the potential to address GI symptoms beyond regurgitation. A recent double-blind, randomized, controlled trial investigated the GI tolerance and safety of a novel AR formula. 182 healthy term infants diagnosed with uncomplicated regurgitation received for at least 4 weeks one of two AR formulas. The novel AR formula contained CBG, postbiotics, and scGOS/lcFOS. The control AR formula contained CBG and postbiotics only. Throughout the study, stool characteristics were comparable between both groups with low incidences of diarrhea or hard stools. The adverse events pattern was not clinically significantly different between the two study groups. Infants fed the novel AR formula had a decrease in regurgitation severity comparable to the infants in the control group. Both formulas supported adequate growth. Based on these clinical data, it can be concluded that the newly-developed AR infant milk formula is well-tolerated, safe and supports adequate growth.

Abstract

Safety and tolerance of a novel anti-regurgitation formula combining carob bean gum, pre- and postbiotics: a double-blind, randomized, controlled trial.

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Background: Regurgitation is the most frequent functional gastrointestinal (GI) disorder in the first year after birth and has been reported to be commonly associated with other GI symptoms. International recommendations emphasize parental reassurance and nutritional advice as the preferred management for uncomplicated regurgitation. This includes optional usage of thickened anti-regurgitation (AR) formulas for non-exclusively breastfed children. Postbiotics derived from the Lactofidus™ fermentation process, and a specific mixture of short chain galacto-oligosaccharides and long chain fructo-oligosaccharides (scGOS/lcFOS, ratio 9:1) have been shown to positively modulate gut microbiota function and alleviate gastrointestinal symptoms such as hard stools.

Objectives and study: To investigate in a double-blind, randomized, controlled trial the GI tolerance and safety of a new AR formula. The novel AR infant formula containing 0.4 g/100 ml carob bean gum (CBG) as thickener, postbiotics (derived from the Lactofidus™ fermentation process) and 0.4 g/100 ml scGOS/lcFOS, was compared to a control AR formula with 0.4 g/100 ml CBG and postbiotics, but without scGOS/lcFOS. The latter has a history of safe usage in multiple countries.

Methods: 182 fully formula fed healthy term infants aged between 3-13 weeks at inclusion and diagnosed with uncomplicated regurgitation based on adapted Rome IV criteria were included after independent ethical committee approval and registration of the study (ClinicalTrials.gov Identifier NCT03371615). The intervention duration was 4 weeks with optional 4 weeks extension. Outcome parameters included Infant Gastrointestinal Symptom Questionnaire (IGSQ) sum score at 4 weeks of intervention, weekly IGSQ score, stool characteristics, growth parameters, (Serious) Adverse Events ((S) AE) and regurgitation severity.

Results: IGSQ sum scores improved for both groups from baseline within one week of intervention. At four weeks of intervention, preliminary uncorrected analysis (n=166, per protocol population) showed equivalence of the IGSQ sum scores of the novel AR formula and control AR formula. Stool characteristics were comparable between both groups with low incidences of diarrhea or hard stools. The (S)AE pattern was not clinically significantly different between the two study groups. Both formulas supported adequate growth. Infants fed the novel AR formula had a decrease in regurgitation severity comparable to the infants in the control group.

Conclusion: The newly-developed infant milk formula combining CBG with scGOS/lcFOS and postbiotics is well-tolerated, safe and supports adequate growth



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