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The 9th Nottingham Barrett's Endotherapy Course

Thursday 13th & Friday 14th June 2019

Postgraduate Medical Education Centre,
Queens Medical Centre,
Nottingham University Hospitals NHS Trust

Course Directors
Dr Jacobo Ortiz & Professor Krish Ragunath

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Welcome

The 9th Nottingham Barrett's Endotherapy Course
13th & 14th June 2019

Welcome

Dear Colleague,

It is our pleasure to invite you for the **9th Nottingham Barrett's Endotherapy course**.

Our program this year has been designed as three panels of experts covering the three main topics in Barrett's endotherapy: diagnosis, resection and ablation. We aim to create dynamic, open and interactive discussions in combination with the live cases from our endoscopy unit in QMC. We will have time to discuss about the very new aspects of Barrett's management including minimally invasive screening tools, role of biomarkers, tissue acquisition devices, the new ablation techniques or the evolving role of the ESD. For the second day we have prepared some hands-on training sessions with Cardiff endotrainer and very interactive video sessions with interesting real day-to-day cases and complications management.

We are honoured to have a panel of National and International expert faculty from the USA and Europe who I am sure will contribute to make this course a great success. We are grateful to Cook Medical, Medtronic and Olympus-Keymed for sponsoring this event with an unrestricted educational grant. Thanks to their ongoing support we are able to organise this kind of course. I am glad to say that Royal College of Physicians CPD accreditation has been granted and also that the course has been endorsed by the European Society of Gastrointestinal Endoscopy (ESGE) and the World Endoscopy Organization (WEO).

We really do hope that you will find the program of your interest and you can join us in Nottingham for this state of the art course in the endoscopic management of Barrett's oesophagus.

Yours sincerely,

Dr Jacobo Ortiz
Consultant Gastroenterologist
Nottingham Digestive Diseases Centre,
Nottingham University Hospitals NHS Trust

Prof Krish Ragunath
Professor of Gastrointestinal Endoscopy
Nottingham Digestive Diseases Centre,
Nottingham University Hospitals NHS Trust

Endorsed by

Royal College of Physicians

WEO World Endoscopy Organization

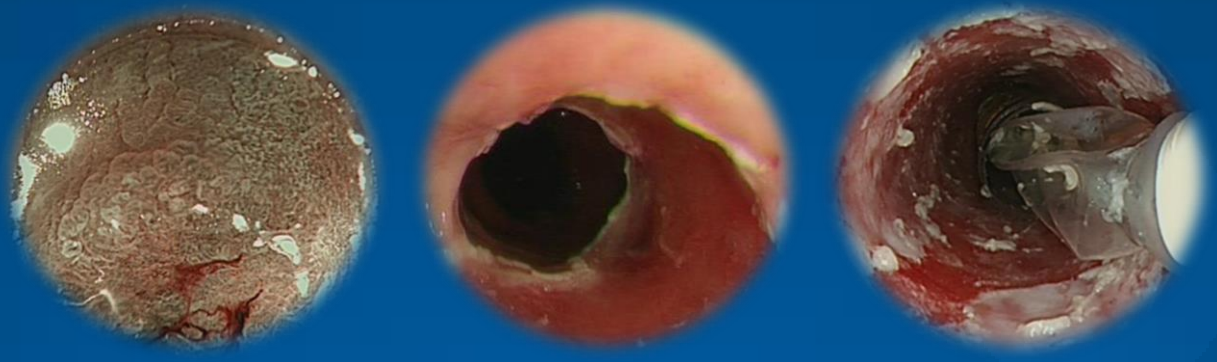
ESGE

Objectives

Target Audience

This course will be of benefit to

Gastroenterologists,
Gastrointestinal Surgeons,
Pathologists,
Nurses,
and any GI Endoscopist with special interest in the diagnosis and management of Barrett's early neoplasia.



Learning Objectives

By attending this course participants will be able to

Perform a high-quality endoscopy examination for Barrett's patients.

Identify and stage early Barrett's neoplasia accurately.

Discuss and select patients who will benefit from endoscopic therapy.

Apply appropriate techniques for endoscopic resection.

Perform ablative therapies in an efficient manner.

Learn tips and tricks to prevent complications and successfully manage them when happen.

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Faculty

Course Directors:

Dr. Jacobo Ortiz
Professor Krish Ragunath

International Faculty:

Professor Prateek Sharma, Kansas, USA
Professor Bas Weusten, Utrecht, The Netherlands

UK Faculty:

Mr. James Catton, Nottingham
Dr. Andy Cole, Derby
Dr. John DeCaestecker, Leicester
Dr. Jason Dunn, London
Dr. Rehan Haidry, London
Dr. Sunny Kadri, Leicester
Dr. Maria O'Donovan, Cambridge
Dr. Adolfo Parra-Blanco, Nottingham

Patient Advocate for Live Endoscopy:

Dr Steve Foley

Hands-on Cardiff Endotrainer support:

Mr Stuart Goddard, WIMAT, Cardiff

Enquiries to: Mrs Natalie Horsepool: Natalie.Horsepool@nottingham.ac.uk

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Agenda

The 9th Nottingham Barrett's Endotherapy Course

Day 1
Thursday 13th June 2019

08:30-08:55: Registration and Coffee

08:55-09:00: Welcome and Introduction. Jacobo Ortiz

Instead of the usual lectures we have designed three panels of experts covering the main topics in Barrett's: diagnosis, resection and ablation. The aim is to create dynamic, open and interactive discussions covering all the known and the new aspects of the endoscopic treatment for early Barrett's neoplasia. Please participate, interrupt and ask.

09:00-10:30 Session I SCREENING, DIAGNOSIS AND SURVEILLANCE

Chair: Prateek Sharma
Panel: John de Caestecker, Maria O'Donovan, Sunny Kadri and Bas Weusten

New minimally invasive screening tools for Barrett's oesophagus. Learning how to perform a high-quality endoscopy for patients under surveillance. How we can improve our diagnostic yield of early Barrett's neoplasia and how to assess a patient with known early Barrett's neoplasia. We will also cover role of chemoprevention, new diagnostic imaging tools, new tissue acquisition techniques and role of biomarkers.

10:30-11:00: Coffee Break

11:00-13:00 Session II RESECTION TECHNIQUES

Chair: Adolfo Parra-Blanco
Panel: James Catton, Jason Dunn, Andy Cole and Maria O'Donovan

How we should resect early neoplastic lesions? Has ESD any role in Barrett's treatment? Is there still a space for surgical treatment of Barrett's neoplasia in the endotherapy era? What we should expect from our pathologists when reporting a resection specimen? What should we tell our pathologists to properly report a resection specimen? Learning to interpret pathology reports.

Live endoscopy from QMC unit: ER techniques. Rehan Haidry and Krish Ragunath.
Cases running in between the discussions.

Agenda

The 9th Nottingham Barrett's Endotherapy Course

Day 1
Thursday 13th June 2019

13:00-14:00: Lunch Break and Visit the Exhibition

14:00-16:00 Session III ABLATION AND POST TREATMENT SURVEILLANCE

Chair: Bas Weusten
Participants: Prateek Sharma, Rehan Haidry, Sunny Kadri and Jason Dunn

Is still RFA the ablation technique of choice? Are the new ablation modalities going to replace it? Is the new cryoablation balloon device the most promising tool in the last few years? The old APC is back, what is the role of the new hybrid-APC? What should be the aim of the ablation? CR-IM vs. CR-D. Now that I have managed to successfully eradicate the whole Barrett's segment, how should I survey my patients?

Live endoscopy from QMC unit: Ablation techniques. Jacobo Ortiz and Krish Ragunath. Cases running in between the discussions.

16:00-16:20: Coffee Break

16:20-17:00 Session IV FUTURE DIRECTIONS AND CLOSING REMARKS

16:20-16:40: What's new and what's coming in the Barrett's endotherapy field: Most recent publications and future research. **Prateek Sharma**

16:40-17:00: Summary of the day: Take home messages. **Andy Cole**

19:30: Meet at The Orchard Hotel reception for coach transfer to restaurant

20:00-22:30: Course Dinner

Agenda

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Day 2
Friday 14th June 2019

09:00-10:45 Session I HANDS ON TRAINING AND CASE DISCUSSION VIDEO SESSIONS

09:00-10:45: **GROUP A**. Interactive case discussions with images and videos.
Bas Weusten, Jason Dunn, Rehan Haidry and Krish Ragunath

09:00-10:45: **GROUP B**. Hands on training with faculty using Cardiff Endotrainer
Jacobo Ortiz, Sunny Kadri and Andy Cole

Station 1: ER techniques
Station 2: RFA techniques (RFA Circumferential and focal catheters)
Station 3: Hybrid APC technique

10:45-11:15: Coffee Break

11:15-13:00 Session II HANDS ON TRAINING AND CASE DISCUSSION VIDEO SESSIONS

11:15-13:00: **GROUP B**. Interactive case discussions with images and videos.
Bas Weusten, Jason Dunn, Rehan Haidry and Krish Ragunath

11:15-13:00: **GROUP A**. Hands on training with faculty using Cardiff Endotrainer
Jacobo Ortiz, Sunny Kadri and Andy Cole

Station 1: ER techniques
Station 2: RFA techniques (RFA Circumferential and focal catheters)
Station 3: Hybrid APC technique

13:00-14:00: Lunch Break and Visit the Exhibition

14:00-15:30 Session III WHEN SOMETHING GOES WRONG. VIDEO SESSIONS

14:00-14:30 Managing complex strictures. **Bas Weusten**
14:30-15:00 Stopping post EMR/ESD Bleeding. **Adolfo Parra-Blanco**
15:00-15:30 Closing perforations. **Krish Ragunath**

15:00-15:30: Coffee and Goodbye

Faculty

Dr Jacobo Ortiz
MD
Consultant Gastroenterologist
Nottingham Digestive Diseases Centre
Queens Medical Centre
Nottingham University Hospitals NHS Trust

Dr Jacobo Ortiz works as a Consultant Gastroenterologist at the Nottingham Treatment Centre and Nottingham University Hospitals. He qualified from the University of Navarra, Spain in 2000 and completed his training in Gastroenterology in the University Hospital of Asturias, Spain in 2008.

His interest in advanced therapeutic endoscopy and Barrett's started in Amsterdam back in 2008, where he spent three months as an observer at the Academic Medical Centre (AMC).

Back to Spain he worked for two years as a Consultant in GI Endoscopy in the University Hospital of Asturias and then he moved to Chicago to spend a year as an Endoscopy Research Fellow in the Centre for Endoscopic Research and Therapeutics (CERT) of the University of Chicago Medical Centre with Prof Irving Waxman. In the USA his research was focused in advanced endoscopic imaging for diagnosis of Early Barrett's neoplasia, endotherapy for Barrett's oesophagus and new approaches for endoscopic biliary access and advanced EUS techniques. He returned to his original post in Spain where helped in setting up in Asturias one of the first units in the country offering endoscopic treatment for early Barrett's neoplasia.

He moved to Nottingham in 2012 to progress in his training as an interventional endoscopist, being EUS and endoscopic therapies for early GI neoplasia his main fields of interest. His research activity includes advanced endoscopic imaging and minimally invasive endoscopic therapy of early Upper GI cancer.

Faculty

Professor Krish Ragunath

MBBS, MD, DNB, MPhil, FRCP, FASGE
Professor of GI Endoscopy & Consultant Gastroenterologist
Nottingham Digestive Diseases Centre
Queens Medical Centre, Nottingham University Hospitals NHS Trust

Krish Ragunath is Professor of GI Endoscopy and Consultant Gastroenterologist at the Nottingham University Hospitals. He is a Fellow of the Royal College of Physicians of Edinburgh and London.

He is member of the BSG, ASGE, ESGE and conferred honorary member of the South African GI Society. He is the BSG International Secretary and chaise the International committee, advisor for National Institute of Clinical Excellence (NICE) interventional procedures subgroup and independent external advisor for the Welsh National Bowel Cancer screening programme complex polyp MDT. He sits in the BSG Endoscopy committee, research network steering group and Treasurer of the Endoscopy committee.

Professor Ragunath is a core member and director of the International Working Group on Classification of Oesophagitis (IWGCO) Board. Other international activity includes Chair of the World Endoscopy Organization (WEO) Research committee, past member of the BSG Oesophageal committee, ASGE (American Society of GI Endoscopy) international Committee and publications committee of the WGO (World Gastroenterology Organization).

His clinical and research interests include advanced endoscopic imaging of the GI Tract, in particular Barrett's oesophagus and minimally invasive endoscopic therapy of early GI neoplasia. He has co-edited the 2013 BSG Barrett's oesophagus guidelines, authored / co-authored several peer reviewed publications and textbook chapters. He is a member of the Editorial Board for 'Endoscopy' and 'Gastrointestinal Endoscopy' journals.

He has also performed several live endoscopy demonstrations, endoscopy training in animal models and has lectured in national and international meetings. He was the recipient of the BSG Hopkins Endoscopy Prize 2010

Faculty

Mr James Catton
MD, FRCS
Consultant Upper GI Surgeon
Queens Medical Centre,
Nottingham University Hospitals
NHS Trust

Mr Catton has been substantively employed as a consultant upper GI and General surgery at the Nottingham University Hospital City campus since May 2010. The majority of his workload involves care of patients with Upper GI malignancy and complex benign upper Oesophago-gastric conditions.

Mr Catton has implemented laparoscopic cancer resection within the department and provided mentoring colleagues in these techniques.

Faculty

Dr Andrew Cole

DM, MA, FRCP
Consultant Gastroenterologist and Clinical Lead for Endoscopy
Derby Teaching Hospitals NHS Trust

Dr Andy Cole qualified from Cambridge and University College Hospital, London. He did his post graduate training in Bristol, Dunedin (New Zealand) and Nottingham.

His work involves all aspects of the diagnosis and treatment of digestive diseases including diagnostic and therapeutic endoscopy for oesophagus, stomach and colon.

Faculty

Professor John DeCaestecker

MD, FRCP
Consultant Gastroenterologist
University Hospitals of Leicester
Honorary Professor,
Department of Genetics and Genome Biology, College of Life Sciences,
University of Leicester

Prof John de Caestecker MD FRCP is Consultant Gastroenterologist at University Hospitals of Leicester and Honorary Professor, Department of Genetics and Genome Biology, College of Life Sciences, University of Leicester.

Previously President of the Midlands Gastroenterological Society and of AGIP, BSG secretary and Chair, BSG Oesophageal Section.

Undergraduate training:
Cambridge University and Middlesex Hospital, London. Interests in oesophageal motility disorders, gastro-oesophageal reflux and non-cardiac chest pain developed in Edinburgh and at St George's Hospital, London resulting in a research MD and published papers. Subsequent interest in Barrett's has resulted in publications in surveillance (including advanced imaging), endotherapy and chemoprophylaxis of Barrett's (AspECT) together with guidelines (BSG, BOBCAT and BADCAT).

Faculty

Dr Jason Dunn
MD, PhD, MRCP
Consultant Gastroenterologist
Guy's and St Thomas' Hospitals NHS Foundation Trust

Dr Jason Dunn is a Consultant Gastroenterologist at Guy's and St Thomas' Hospitals NHS Foundation Trust. He studied at GKT medical school, graduating in 2000. He was awarded MRCP (London) in 2005 and appointed as a consultant in 2012.

His particular interest is early diagnosis of cancer, using specialist endoscopic techniques to assess Barrett's oesophagus with dysplasia, early oesophagus and stomach cancer. He is proficient in Endoscopic Therapy including EMR and RFA techniques. He has written guidelines for the management of Barrett's oesophagus for the South East London Cancer Network and Kent & Medway Cancer Network.

He was awarded a CRUK clinical fellowship at UCL and studied use of optical diagnostics and minimally invasive therapies for the treatment of Barrett's oesophagus. He gained his PhD in 2011 and has presented his work at national and international meetings. His work on treatment of Barrett's with RFA, and the use of biomarkers to predict cancer progression, has won prizes. He has published in high impact factor journals and book chapters. He currently holds Honorary Senior Lecturer posts at Kings College London and previously at Oslo University in the Institute of Medical Informatics. He was recently awarded a grant for a trial of RFA vs. Sham for symptomatic cervical inlet patch (Medtronic) and is CI for this study. He is a PI for AspECT, SPIT and HALO RFA registry at GSTT.

Dr Dunn is the Research lead for the Oesophageal section of the British Society of Gastroenterology. He is a trustee for Barrett's Oesophagus UK, and the medical advisor for Action Against Heartburn.

Faculty

Dr Rehan Haidry

BSc (Hons), MBBS, MD, FRCP
Consultant Gastroenterologist &
Director of Endoscopy,
University College Hospital
Honorary Senior Lecturer,
University College London

Dr. Haidry is a Consultant Gastroenterologist and interventional endoscopist at University College Hospital, London. He is the clinical lead for G.I Medicine and the director of endoscopy at UCLH. His main Interests are pre-malignant and malignant disorders of the upper gastrointestinal tract, with a special interest in Barrett's and Squamous neoplasia and oesophageal cancer. His main areas of clinical research focus on novel and innovative endoscopic imaging techniques and therapeutic endoscopic approaches such as endoscopic resection, radiofrequency ablation, cryoablation, and metabolic/ bariatric endoscopy.

He is a member of the BSG endoscopy committee and has published several original articles and co-authored guidelines.

Faculty

Dr Sudarshan Kadri

FRCP, MD, MBBS
Consultant Gastroenterologist,
University Hospitals of Leicester
Honorary Clinical Lecturer,
University of Leicester

After initial training in Scotland, Sunny obtained his training in Gastroenterology and his MD for research on Non-endoscopic cytosponge for diagnosis of Barrett's oesophagus from Cambridge. He and his team won the best paper award from BSG in 2012 and innovation award from BMJ in 2016.
He was the BSG endoscopy travel fellow in 2011.

Currently, he provides advanced Upper GI Endoscopy and complex Endotherapy and is also the lead for Endoscopic Ultrasound at University Hospitals of Leicester.

He has been involved in various research studies like BEST, BRIDE, AspECT and CHOPIN studies. His research interests include advanced endoscopy, endotherapy and translational gastrointestinal medicine.

His other interests include research in Pancreatic cancer and Precancerous lesions of the pancreas.

Faculty

Dr Maria O'Donovan
MD, FRCPath
Consultant Histopathologist
Cambridge University Hospital

Maria is a Consultant Histopathologist at Cambridge University Hospital since 2002, having completed her medical degree, MD degree and FRCPath Histopathology training in Ireland. She is the lead Pathologist for the Upper GI cancer and Diagnostic Cytology services at this hospital.

Her research interest is in early detection of oesophago/gastric cancer. She is a UK expert in the histopathology of Barrett's oesophagus (co-author of BSG guidelines 2014) and a lead Pathologist for the National Hereditary Diffuse Gastric Cancer Centre.

She the lead Pathologist for Professor Rebecca Fitzgerald's Medical Research Council -funded Oesophago-Gastric research group in Cambridge and lead pathologist for the CRUK funded esophageal Cancer Clinical and Molecular Stratification /International Cancer Genome Consortium (upper GI cancer) and for the Oesophageal Squamous cell CARcinoma (OSCAR) Study.

She is a co-inventor of CytospongeTM technology for the detection of precancerous lesions of the oesophagus and is the lead Pathologist for the three cytosponge-related (BEST) clinical trials.This device won the UK National Health Service Innovation Challenge prize 2011 and the Gastroenterology section of the BMJ awards 2016.

Faculty

Dr Adolfo Parra-Blanco

MD, PhD
Consultant Gastroenterologist and Head of Endoscopy
Queens Medical Centre,
Nottingham University Hospitals NHS Trust

He is currently a Consultant Gastroenterologist and Head of Endoscopy at Nottingham University Hospitals and Honorary Assistant Professor at NIHR Nottingham Digestive Diseases Biomedical Research Unit. He has worked previously as an Associate Professor at Pontificia Universidad Católica in Chile, and in Spain as Head of Endoscopy at Asturias Central University Hospital and in Tenerife University Hospital.

He graduated from Madrid Autonomous University and obtained the Speciality in Gastroenterology at Fundación Jimenez Diaz, Madrid in the same university. He trained for 4 years (1995-1999) in Endoscopy in expert Japanese Institutions (Showa Fujigaoka Hospital, National Cancer Centre East and Tokyo), with a focus on endoscopic diagnosis and treatment of early digestive neoplasia, including chromoendoscopy, magnifying Endoscopy, EMR and ESD. These are his main research interests. After returning to Spain, he applied and taught those techniques in Spain and later in Latin America.

He has published papers in national and international journals, he is in the Editorial Board of several Endoscopy journals, and is a reviewer for some of the most important Gastroenterology and Endoscopy Journals. He has also performed live endoscopy demonstrations, endoscopy training in animal models and has lectured in national and international meetings.

Faculty

Professor Prateek Sharma

MD, FASGE, FACG, FACP
Professor of Medicine
Division of Gastroenterology and Hepatology
Director of the Fellowship Training Program
University of Kansas School of Medicine
Kansas City, USA

Prateek Sharma completed his Internal Medicine Residency at the Medical College of Wisconsin in Milwaukee and his Gastroenterology Fellowship at the University of Arizona in Tucson. Right from the start of his gastroenterology training Dr Sharma developed a primary interest in improving diagnosis and management of gastrointestinal diseases and cancer specifically in advanced imaging and endoscopic treatments. He is a world renowned physician, teacher and educator.

Dr Sharma has been interviewed by the Wall Street Journal and Newsweek. He has over 400 publications including original articles and book chapters and is regularly invited to present at major national and international meetings. He has also co-edited several important books and has and continues to publish in more than 20 high profile journals from the USA and international. He is a member of the editorial board of several American and international journals.

Dr Sharma is a Fellow of the American Society for Gastrointestinal Endoscopy, American College of Gastroenterology and the American College of Physicians. He is currently a member of the Governing Board of the American Society of Gastrointestinal Endoscopy and the President of the International Society for Diseases of the Esophagus. Dr Sharma has received numerous prestigious awards from these international gastroenterology organizations which are a testament of his extraordinary research, teaching, and leadership qualifications.

Faculty

Professor Bas Weusten

MD, PhD
Professor of GI Endoscopy
University Medical Center Utrecht,
The Netherlands

Bas Weusten (1967) graduated from medical school at Utrecht State University in the Netherlands. He wrote his PhD thesis on gastroesophageal reflux disease and oesophageal perception from 1992 to 1995. After his traineeship in gastroenterology he became a staff member at St Antonius Hospital in Nieuwegein, the Netherlands in 2002.

In 2011 he became professor of Innovative GI Endoscopy at the University Medical Center in Amsterdam. In 2017 he moved from Amsterdam to Utrecht, where he became appointed as Professor of GI Endoscopy.
He chaired the Dutch society for gastrointestinal endoscopy for many years.

His main focus in both clinical work and research is on endoscopic management of early neoplasia of the upper GI tract. He has been involved in several guidelines, and chaired the ESGE Position Statement on the Endoscopic Management of Barrett's Esophagus.

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