

Practical Training in Colorectal ESD: a Hands-On Masterclass



24th – 25th June, 2019, Course director: Prof. Brian Saunders
CPD points: 11.5 awarded by the Royal College of Surgeons of Edinburgh

The Wolfson Unit for Endoscopy, St Mark's Hospital & The Northwick Park Institute for Medical Research
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DAY 1, 24th June – Meet at 8.45 St Mark's Reception on level 3 (main entrance) by the tea bar

09:00 Coffee and Welcome

09:30 ESD Essentials: worked examples interactive session

Endoscopic lesion assessment and documentation: Size, site, access, surface appearance, standardised terminology, SMSA score, BSG / ACPGBI minimum data set

Therapeutic decisions: right lesion, right patient, right technique: patient pre-assessment, the polyp clinic, further diagnostic tests

Patient preparation: bowel prep, consent, sedation/anaesthesia

Room set up: personnel, planning, essential kit overview

11:00 Coffee

11:30 Starting ESD

Patient and lesion orientation and understanding gravity:

Marking the lesion: diathermy settings

Submucosal injection and solutions

Mucosal incision: diathermy settings

Submucosal dissection: diathermy settings, deep & superficial submucosal layers, technique: rehearse, engage, cut (away from muscle), assess, vessel isolation and pre-coagulation, dealing with fibrosis

Circumferential excision versus tunnelling techniques

Haemostasis – treatment of intra-procedural bleeding

Hybrid ESD / EMR

Mucosal defect assessment post-resection

Specimen retrieval, orientation, pinning out

Patient follow-up

Complications: delayed bleeding, perforation – intra-procedural, delayed

12:30 Lunch

13:30 PRECLINICAL LIVE TRAINING

MODEL 1

1. Marking lesion
2. Submucosal injection
3. Needle knife incision
4. Scissor knife resection
5. Defect closure clips

16:30 Close

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DAY 2, 25 th June 2019 NPIMR	
09:00 Coffee and Welcome	
09:30–13:00 PRECLINICAL LIVE TRAINING	
09:30–10:00 Lecture: Training in ESD	<p>MODEL 2</p> <ol style="list-style-type: none"> 1. Marking the lesion 2. Submucosal injection 3. Circumferential mucosal incision 4. Submucosal dissection to form a flap 5. Complete resection of lesion with retraction 6. Extraction of specimen and pinning out 7. Perforation closure/haemostasis
11:00 Coffee	
13:00–13:30 Lunch	
13:30–16:30 PRECLINICAL LIVE TRAINING	
13:30–14:00 Lecture: ESD – The Future	<p>MODEL 3</p> <ol style="list-style-type: none"> 1. Marking out lesion 2. Submucosal injection 3. Small distal+proximal mucosal incisions 4. Submucosal tunnelling 5. Pocket creation 6. Opening pocket 7. ESD resection
Q&A session. Course feedback	
16:30 Close	