

Liverpool John Moores University

Title: Introduction To Lower GI Endoscopy part 2
Status: Definitive
Code: **62385MMADV** (127340)
Version Start Date: 01-08-2021

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Susan Baker	Y
Scott Hambleton	
Lorraine Shaw	

Academic Level: FHEQ6 **Credit Value:** 30 **Total Delivered Hours:** 70
Total Learning Hours: 300 **Private Study:** 230

Delivery Options

Course typically offered: Year Long & NS Year Long

Component	Contact Hours
Lecture	60
Tutorial	10

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Portfolio	Portfolio all elements must be passed	100	

Competency	Practice
-------------------	----------

Aims

To facilitate the development of a safe and effective Clinical Endoscopist (CE), by equipping the student with the knowledge, skills, competences to perform Lower Gastrointestinal (GI) Endoscopy and Polypectomy to a level appropriate for

Colonoscopy practice, incorporating the professional attributes that underpin an advanced practice role.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an understanding of the broadened level of responsibility and autonomy of the advanced practice role and the professional scope of practice set within legal, ethical, professional and organisational governance.
- 2 Examine the principles and practice of the Clinical Endoscopist role and apply knowledge of the key concepts involved in clinical reasoning and decision making.
- 3 Appraise the evidence base underpinning the Clinical Endoscopist role in relation to consent, effective patient report writing, legal, regulatory and ethical aspects of advanced practice.
- 4 Obtain relevant information by history taking, physical assessment and examination of a patient's clinical records and utilise this information to guide interpretation of endoscopic findings.
- 5 Appraise all necessary evidence relevant to practice to effectively manage patients with individual or complex comorbidities when presenting for Lower Gastrointestinal (GI) Colonoscopy and Polypectomy Level 2.
- 6 Evaluate endoscopic findings based on knowledge of the anatomy, physiology and pathophysiology of the lower gastrointestinal tract to recommend further investigations and develop an evidence-based management plan.
- 7 Demonstrate competence in endoscopic skills, both technical and non-technical, as defined by the Joint Advisory Group (JAG) in relation to diagnostic Lower Gastrointestinal Tract Endoscopy (Colonoscopy) and Polypectomy level 2

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

HEE Clinical Endo Competency Practice	1	2	4	5	6	7	3
	1	2	4	5	6	7	3

Outline Syllabus

- *The principles and practice of Clinical Endoscopy.*
- *Anatomy & physiology of the Lower G.I. tract.*
- *Bowel Cancer and Polyps: epidemiology, aetiology, pathology, investigations, diagnosis, treatments and outcomes.*
- *Pharmacology for Colonoscopy and safe sedation practice.*
- *Medico-legal issues and ethical implications including consent/ communication skills.*
- *Physical assessment, history taking and clinical examination.*
- *Indications for Colonoscopy, principals of pre assessment, patient selection, risk management, co morbidity issues and preparation for Colonoscopy.*
- *The assessment, differential diagnosis and investigation of diarrhoea; including the use of Faecal Calprotectin and Faecal Immunological testing for Haemoglobin.*

- *Bowel preparation: optimisation, contraindications and complications.*
- *Inflammatory Bowel Diseases (IBD): differential diagnosis, treatment principles and surveillance.*
- *The presentation and management of Infective and Inflammatory Colorectal disorders (other than Idiopathic Inflammatory Bowel Disease).*
- *Understands the role of Colonoscopy in the investigation of Anaemia.*
- *Radiological investigations in the assessment of lower GI disease.*
- *An introduction to the genetics of Colorectal Cancer.*
- *Understanding quality assurance in Colonoscopy.*
- *Detection and excision of flat Polyps and safe Polypectomy.*
- *Colonoscopic surveillance guidelines for Cancer, Adenomas and Serrated Lesions.*
- *Colonoscopic screening for individuals with a family history of Colorectal Cancer or predisposing comorbidity.*
- *The principles and practice of National Bowel Cancer Screening Programmes (BCSP).*
- *Human factors, non-technical and technical skills of endoscopy and equipment / simulator training for Colonoscopy and Polypectomy.*
- *Pathophysiology and histopathology of the Lower G.I. tract.*
- *Therapeutic Colonoscopy practice - biopsy and Polypectomy.*
- *Emergency management and complications during Colonoscopy*
- *Health promotion and management for the Colonoscopy patient.*
- *Professional issues and advanced practice.*
- *Role development, continuing education and career pathways for Clinical Endoscopy.*
- *Service development, evaluation and business planning.*
- *Relationships within the MDT.*
- *Links with JAG / JETS.*

Learning Activities

- Lectures from clinical specialists.
- Self-directed learning activities via Canvas
- Group discussions and tutorials.
- Presentations.
- Clinical teaching.
- Clinical observation / live endoscopy sessions /Clinical endoscopy practice.
- Case studies.
- Simulation and Interactive learning.
- Endoscopic simulators.
- Personal reading, study and reflection.
- Completion of the CE competency portfolio.
- SLATE e-learning package.
- Basic Skills course.

- Basic Skills in Lower GI Polypectomy Level 2 course

Notes

This module is specifically designed to meet the requirements set by Health Education England (HEE) for a national Clinical Endoscopist (CE) Training Programme.

The aim of which is to have a clinically based (9 months), academically focussed learning programme to meet the outcomes of the JAG Endoscopy Training Scheme (JETS) and the Health Education England Clinical Endoscopist Competencies. The overall aim of the module is to adequately prepare practitioners in this new and complex role and to maintain patient safety.

Teaching will take place on site or via the Virtual Learning Environment, the students will return to their practice settings to reflect upon and develop expertise within their own settings supported by a local consultant Medical Clinical Supervisor and an Advanced Practice Mentor.

To meet the learning outcomes students will be offered blended learning opportunities based upon the following elements:-

1. Clinical / practical skills training
2. Completion of the CE competency portfolio
3. Academic element
4. Completion of SLATE e-learning package
5. Basic Skills course
6. Clinical supervision and personal development

The course will be informed by the Quality Assurance Agency for Higher Education Benchmark Statement for Health and Social Care Programmes and students on the course will be expected to adhere to their relevant Professional Code of Practice.

Criteria for Admission:

The criteria for potential students admission to the module requires the student must demonstrate the following:

1. Registered health care professional
2. Substantive post registration experience
3. Working with patients with Gastrointestinal Disease or Cancer.
4. The applicant has J.A.G. accreditation in Flexible Sigmoidoscopy and are able to demonstrate competency in existing skill via performance data.
5. Applicants studying towards/ have a degree level education. If the applicant can't demonstrate this requirement, the module leader can assess the applicants capacity to undertake academic study at level 6.

6. Applicants with no degree level education but have J.A.G. accreditation in Flexible Sigmoidoscopy and are able to demonstrate competency in existing skill via performance data will be assessed by the module leader to determine the applicant's capability to study at level 6.

7. Participation in audit/QA/research and changing practice.

8. Fully supported by senior managers within their organisation, demonstrated with a bespoke business and training plan.

The module learning outcomes and relevant subject benchmark statements are in line with the QAA framework for higher education qualifications in England, Wales and Northern Ireland. The module is aligned to the Level 6 descriptors for a Level 6 Higher Education Qualification.

The module is part time, delivered over a nine month period, twice per year. After the nine month period the student will be required to have successfully completed all required components of the module.

The following variance was approved for this programme on the 23rd September 2019 and 23rd May 2021: In line with Health Education England professional requirement to maintain patient safety, no referral will be offered on this CPD.

The final award is a Continuing Professional Development: Introduction to Lower GI Endoscopy part 2

The students have access to Canvas and the University's range of other electronic support such as access to the electronic library facilities. The Programme Leader will provide academic student support via a range of mechanisms including, phone contact, e-mail; Classroom Contact (Lectures; Seminars; Tutorials); Canvas and Personal Tutorials for Pastoral Support as appropriate. A module guide will also be provided, which guides students to the wider range of support available.

Continuous student support and clinical review will be provided by the consultant Medical Clinical Supervisor and an Advanced Practice Mentor. These two individuals will be responsible for arranging J.A.G sign off as competent on JETS and on the CE portfolio. The Clinical Endoscopist Faculty will provide on-going clinical support and advice

The programme will operate and be assessed in line with the current LJMU Academic Framework Regulations <https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework>

Attendance is required throughout the module and will be monitored as required by HEE.

Module written in 2019 and reviewed in 2021.

The methods for improving the quality and standards of learning are as follows:

1. Continuous Monitoring and Enhancement
2. Feedback from the students and Boards of Study
3. Reports from External Examiner in line with LJMU policies and processes and the U.K. Quality Code for Higher Education.
4. Ensuring the module reflects the values of the current teaching and learning strategy

This is a stand-alone CPD, programme code 36388

An appropriately qualified external examiner has been assigned to the programme