

# Understanding Tumour Biology to Treat GI Cancers: An Overview for FRCS (General Surgery)

GI cancers are common and, depending on the grade and stage, lead to considerable degree of morbidity and mortality. In addition to surgery, chemotherapy, immunotherapy and radiotherapy play vital roles in the treatment of certain advanced cancers. A sound understanding of the cancer/tumour biology is essential in understanding how the cancer behaves at a molecular level and how chemotherapeutic drugs and radiation therapy disrupt the aggressive progression of cancers. Likewise, a clear understanding of the regulatory mechanisms of the immune system will help in ascertaining the role of immunotherapy in selected patients. This talk by Dr Kai-Keen Shiu, a Consultant Medical Oncologist for the Gastrointestinal Oncology Services at the University College London Hospitals, discussed the epidemiology, staging and tumour biology of GI cancers, as well as the mechanism of action of systemic therapy and radiotherapy. The talk was aimed at surgical trainees at a registrar level and, specifically, those preparing for the FRCS Exit Exam.

#### **Course Information**

Course Date: 11th March 2021

Venue: Online Teaching Via Zoom

Attendance: 34 Delegates

Aimed at: ST3 and above trainees in

General Surgery;

ST3 and above trainees in

**UGI Surgery**;

Trainees preparing for the FRCS(General Surgery) exam; Post CCT trainees in General

Surgery;

**Post CCT trainees in Colorectal** 

Surgery;

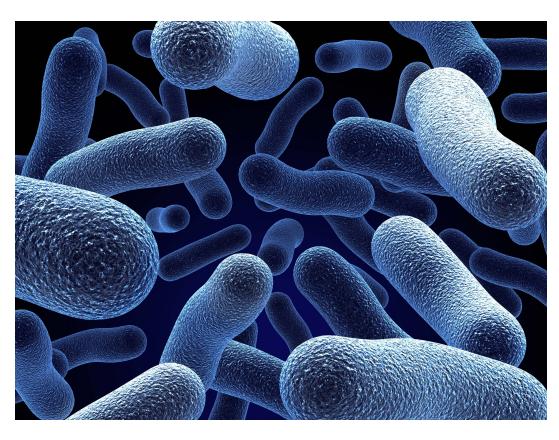
Post CCT trainees in UGI Surgery.

Course Fee: Free

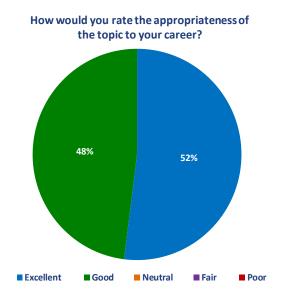
#### Speaker:

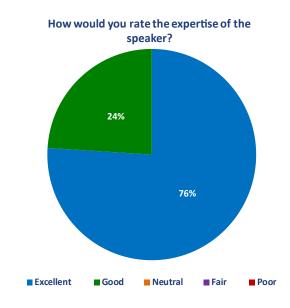
#### Dr Kai-Keen Shiu, MBBS, FRCP, PhD

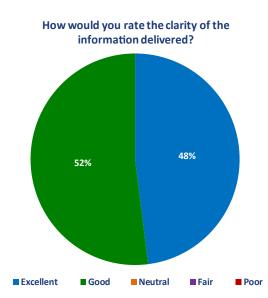
Consultant Medical Oncologist, Gastrointestinal Oncology Service University College London Hospitals Honorary Associate Professor at the UCL Cancer Institute

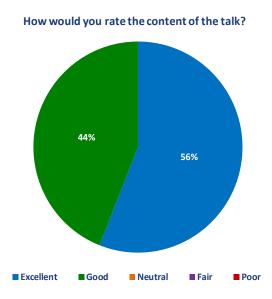


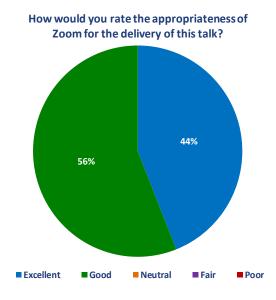
## **Overall Feedback**











## **Individual Comments**

Very good arrangement and presentation.

PΡ

North Middlesex University Hospital NHS Trust, United Kingdom

Excellent speaker, very well pitched and easy to follow presentation.

NG

Leeds Teaching Hospitals NHS Trust, United Kingdom

This session was extremely helpful as it clarified many aspects of tumour biology and their management difficulties.

MN

Birmingham Heartlands Hospital, Birmingham, United Kingdom

Good discussion topic.

AN

Prince Charles Hospital, Merthyr Tydfil , United Kingdom



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#### **Undergraduate:**

- Final Year Medicine and Surgical Revision Courses
- Training the Clinical Anatomy Trainer
- Clinical Anatomy as Applied to Trauma and Emergency Medicine
- Surgical Anatomy of Important Operative Procedures
- Future Surgeons: Key Skills (RCSEd delivered)
- Structured Introduction to Surgical Skills

#### Postgraduate:

- MRCS Part A
- MRCEM Part A
- MRCS Part B OSCE
- DOHNS: Intensive Revision & OSCE
- Intercollegiate Basic Surgical Skills (RCSEd delivered)
- MRCP PACES Part 2
- FRCS (General Surgery) Exit Exam
- Cadaveric Ultrasound-Guided Musculoskeletal Intervention Course
- Ultrasound-Assisted Botulinum Toxin Injection for Neuromuscular Disorders
- Live Advanced Laparoscopic Colorectal Course



### Forthcoming key events:

- International Medical Summer School
- International Academic and Research Conference
- World University Anatomy Challenge

#### **Publications**



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#### **World Journal of Medical Education & Research**

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#### Resources for:

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- Dental Students

- Plastic Surgery Exams

- International Entrance Exams

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