

6th Global Gastroenterologists Meeting

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State of the art in Minimally Invasive Colorectal Surgery (MICS)

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The author will aim to demonstrate the role of MICS in the modern day management of colorectal cancer (CRC). There will be a discussion regarding the central role of multi disciplinary meetings (MDTs) in the management of CRC, the reasons why they exist, who is involved and evidence of their efficacy and outcomes. The increasing role of laparoscopic colorectal surgery will be discussed in terms of CRC management. Up to date RCT evidence will be presented of both colon and rectal cancer surgery. The alternate routes of minimally invasive access will be presented (single incision laparoscopic surgery (SILS), natural orifice extraction surgery (NOSES) and hybrid laparoscopic-endoscopic techniques). Evidences, where it exists, will be discussed. The role of robotic colorectal surgery will be discussed and randomised evidence in rectal cancer surgery will be presented (ROLLAR). Results of a prospective study of patient preference in terms of surgical access routes will be presented. The management of early rectal cancer will be discussed with trans-anal endoscopic microsurgery (TEMs) and trans anal microscopic invasive surgery (TaMIS) techniques. The role of endoscopic mucosal/ serosal resection (EMR/ ESR) will also be discussed in the management of early CRC. The future of MICS is discussed with a projection that this may look like going into 2017/2018.

Biography

Pawan Mathur, MS FRCS [Gen Surg], is a General, Colorectal & Laparoscopic Surgeon at The Royal Free London NHS Foundation Hospitals. His specialist interest is in colorectal conditions such as haemorrhoids (piles) anal fissures, anal fistulae, ulcerative colitis/Crohn's disease, pelvic floor conditions and colorectal cancer. He qualified from St. Thomas' Hospital Medical School in 1990. He undertook a Postgraduate Research degree at the Royal Marsden and Chelsea & Westminster Hospitals and was awarded a MS thesis for his work examining the role of manipulating tumour blood supply on chemotherapeutic drug uptake in colorectal liver metastases. He maintains an active interest in surgical research and continues to publish in peer-reviewed journals. In this regard, he is Clinical Research Lead for Surgery in the Trust. He is currently the Principal Investigator on a variety of randomized surgical clinical trials. He also holds an Honorary Senior Lectureship at UCL Medical School, which allows him to pursue his main research interest in colorectal cancer.

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