

## Peer-Reviewed Publications

### **Robotics, artificial intelligence and distributed ledgers in surgery: data is key!**

**M Chand**, N Ramachandran, D Stoyanov, L Lovat  
*Techniques in Coloproctology* 2018 – in press

### **The Future of Rectal Cancer Surgery: A Narrative Review of an International Symposium**

F Borja de Lacy, S Chadi, M Berho, R Heald, J Khan, B Moran, Y Panis, R Perez, P Tekkis, N Mortensen, AM Lacy, S Wexner, **M Chand**  
*Surgical Innovation*; 1-11

### **Opioid-free Colectomy: A Reality that can Improve Patient & Financial Outcomes in Surgery**

DS Keller, **M Chand**  
*Surgical Endoscopy* 2018 – in press

### **A Novel Application of Indocyanine Green Immunofluorescence in Emergent Colorectal Surgery**

DS Keller, R Bolton, M Rodriguez-Justo, R Cohen, **M Chand**  
*Journal of Fluorescence* 2018; 28(2): 487-490

### **Feasibility of fluorescence lymph node imaging in colon cancer: FLICC**

**M Chand**, DS Keller, H Joshi, L Devoto, JM Rodrigues, R Cohen  
*Techniques in Coloproctology* 2018; 22(4): 271-277

### **Role of Emergency Laparoscopic Colectomy for Colorectal Cancer: A Population-Based Study in England**

AE Vallance, DS Keller, J Hill, M Braun, A Kuryba, J van der Meulen, K Walker, **M Chand**  
*Annals of Surgery* 2018 – epub (ahead of print)

### **Multidisciplinary Rectal Cancer Care in the United States: Lessons Learned from the United Kingdom Multidisciplinary Team Model and Future Perspectives.**

DS Keller, SD Wexner, **M Chand**  
*Diseases of Colon and Rectum* 2018; 61(7): 753-754

### **Evolution of Transanal Total Mesorectal Excision for Rectal Cancer: From Top to Bottom**

SH Emile, DS Keller, FB Lacy, B Martin-Perez, AM Lacy, **M Chand**  
*World Journal of Gastrointestinal Surgery* 2018; 10(3): 28-39

### **Furthering Precision in Sentinel Node Navigational Surgery for Oral Cancer: A Novel Triple Targeting System**

**M Chand**, DS Keller, L Devoto, M McGurk  
*Journal of Fluorescence* 2018; 28(2): 483-486

### **Multimodal use of Fluorescent Imaging in Colorectal Cancer Surgery**

DS Keller, JR Flores Gonzalez, **M Chand**  
*Disease of Colon and Rectum* 2018; 61(1): 139

### **Can Surgical Technology Better Guide Oncological Resections in Colon Cancer?**

DS Keller, M Berho, SD Wexner, **M Chand**  
*Colorectal Disease* 2018; 20(1): 77-78

### **Increasing patient engagement to move enhanced recovery forward**

DS Keller, **M Chand**  
*Annals of Laparoscopic Endoscopic Surgery* 2017; 2: 155

### **Multimodal use of ICG in colorectal cancer**

DS Keller, H Joshi, **M Chand**  
*Diseases of Colon and Rectum* 2017; 61(1): 139

**Colorectal cancer surgery in the very elderly patient: A systematic review of laparoscopic versus open colorectal resection**

V Celentano, L Devoto, RC Cohen, M Khan, **M Chand**  
*International Journal of Colorectal Disease* 2017; 32(9): 1237-1242

**Sexual dysfunction following rectal cancer surgery**

V Celentano, RC Cohen, J Warusavitarne, O Faiz, **M Chand**  
*International Journal of Colorectal Disease* 2017; 32(11): 1523-1530

**Using Fluorescence Lymphangiography to Define the Ileocolic Mesentery: Proof of Concept for the Watershed Area Using Real-time Imaging**

H Joshi, D Keller, D Walsh, C Coffey, **M Chand**  
*Techniques in Coloproctology* 2017; 21(9): 757-760

**Utilization of Indocyanine Green to Demonstrate Lymphatic Mapping in Colon Cancer**

H Joshi, D Keller, **M Chand**  
*Journal of Surgical Oncology* 2017; 116(8): 1005-1007

**ICG Fluorescence in Colorectal Surgery: Reviewing the Current Literature, Applications, and Future Direction**

D Keller, T Ishikawa, RC Cohen, **M Chand**  
*The Lancet Gastroenterology & Hepatology* 2017 – in press

**'Educational Technology' - Revolutionizing Surgical Education**

FB De Lacy, J Nehme, AM Lacy, **M Chand**  
*British Journal of Hospital Medicine* 2017; 78(8): 426-427

**#colorectalsurgery; analysis of a novel international surgical collaborative initiative in social media**

R Brady, S Chapman, **M Chand**, A Lacy, S Attallah, J Mayol, S Wexner  
*British Journal of Surgery* 2017; 104(11): 1470-1476

**Current Application of Biomarkers in the Management of Rectal Cancer**

L Devoto, D Keller, **M Chand**  
*Journal of Molecular Biomarkers and Diagnosis* 2017 – in press

**Is FiLaC the answer for more complex perianal fistula**

**M Chand**, P Tozer, RC Cohen  
*Tech Coloproctology* 2017; 21(4): 253-255

**Adjuvant chemotherapy improves disease-free survival in patients with persistently mrEMVI-positive rectal cancer following chemoradiation**

**M Chand**, S Rasheed, RJ Heald, RI Swift, NP West, S Rao, P Tekkis, G Brown  
*Colorectal Disease* 2016; 19(6): 537-543

**How is good and poor response to neo-adjuvant therapy defined using histopathological and MRI regression scales in rectal cancer studies with reference to outcomes**

MRS Siddiqui, J Bhoday, NJ Battersby, **M Chand**, NP West, AM Abulafi, PP Tekkis, G Brown  
*World J of Gastroenterology* 2016 – in press

**Which technique to choose in the high-tech era of rectal cancer surgery**

**M Chand**, BJ Moran, S Wexner  
*Colorectal Disease* 2016;18(9): 839-41

**Neoadjuvant chemoradiation, precision oncological surgery and adjuvant chemotherapy in rectal cancer: time for a selective approach**

**M Chand, RC Cohen**

*Colorectal Cancer 2016; 5:61-4.*

**Does ‘open surgery’ remain the Gold Standard in rectal cancer?**

**M Chand, AH Engledow**

*Colorectal Cancer 2016; 5:57-9*

**Time for a more personalised approach to pre-operative chemoradiation in rectal cancer**

**M Chand, RC Cohen, AC Windsor**

*Chemoradiotherapy: Concurrent Uses, Efficacy and Impact on Prognosis 2016 – in press*

**The Influence of Peri-operative Factors for Accelerated Discharge Following Laparoscopic Colorectal Surgery when Combined with an Enhanced Recovery After Surgery (ERAS) Pathway**

**M Chand, H De’Ath, C Mehta, J Bromilow, T Qureshi**

*International J of Surgery 2016; 25:59-63*

**FDG-PET-CT can assess the response of locally advanced rectal cancer to neoadjuvant chemoradiotherapy: evidence from meta-analysis and systematic review**

**B Rymer, N Curtis, MRS Siddiqui, RI Swift, P Tekkis, M Chand**

*Clinical Nuclear Medicine 2016; 41:371-5*

**Systematic review of prognostic importance of EMVI in rectal cancer**

**M Chand, MRS Siddiqui, RI Swift, G Brown**

*World Journal of Gastroenterology 2016; 22:1721-6*

**Robotic Total Mesorectal Excision – Precise surgery with even more precise tools**

**M Chand, RJ Heald, A Parvaiz**

*Journal Royal Society Medicine 2016; 109:78-9*

**Interobserver agreement in MRI-detected EMVI in rectal cancer**

**MRS Siddiqui, M Chand, J Bhoday, M Abulafi, P Tekkis, G Brown**

*Clinical Radiology 2015 – in press*

**Obese patients have similar short-term outcomes to the non-obese in laparoscopic colorectal surgery**

**M Chand, H De’Ath, C Mehta, J Bromilow, T Qureshi**

*World Journal of Gastrointestinal Surgery 2015; 7:261-6*

**Evidence of radiologic and histopathologic prognostic importance of detecting EMVI in rectal cancer: recommendations for radiology and histopathology reporting**

**M Chand, T Palmer, L Blomqvist, I Naagtegaal, NP West, G Brown**

*Colorectal Disease 2015; 17:468-73*

**Evaluation of mesorectal lymph nodes with high-resolution MRI**

**M Chand, A Wale, G Brown**

*Austin Journal of Cancer and Clinical Research 2015; 1:1021-25.*

**The prognostic significance of post-chemoradiotherapy high-resolution MRI and histopathology detected extramural venous invasion in rectal cancer**

**M Chand, J Evans, RI Swift, P Tekkis, NP West, GWH Stamp, RJ Heald, G Brown**

*Annals of Surgery 2015; 261: 473-9*

**Total mesorectal excision optimized by pelvic MRI**

**M Chand, Brown G, Tekkis P, Heald RJ**

*Colorectal Dis* 2014; 16: 847-53.

**A systematic review of emergent laparoscopic colorectal surgery for benign and malignant disease**

**M Chand**, M Siddiqui, A Gupta, S Rasheed, P Tekkis, A Parvaiz, AH Mirnezami, T Qureshi  
*World Journal of Gastroenterology* 2014 7;20(45):16956-63

**The Clinical Relevance of EMVI in Rectal Cancer**

**M Chand**, I Swift, P Tekkis, NP West, RJ Heald, G Brown  
*Colorectal Cancer* 2015; 3: 481-90.

**Important imaging considerations in the pre-operative assessment of rectal cancer**

**M Chand**, G Brown  
*Seminars in Colon and Rectal Surgery* 2014; 25: 6-12.

**Functional Consequences of Rectal Cancer Surgery**

G Worley, **M Chand**  
*Internal Medicine* 2014 doi: 10.4172/2165-8048.S1-007

**Adjuvant therapy decisions based on MRI assessment of extramural venous invasion and other prognostic factors: a survey of oncology and surgical practice**

**M Chand**, RI Swift, I Chau, P Tekkis, G Brown  
*Ann R Coll Surg Engl.* 2014; 96:543-6.

**A systematic review and meta-analysis evaluating the role of laparoscopic surgical resection of transverse colon tumours**

**M Chand**, M Siddiqui, S Rasheed, P Tekkis, G Brown, A Parvaiz, T Qureshi  
*Surgical Endoscopy* 2014; 28(12):3263-72

**Evolution in surgical training – What can we learn from professional coaches and elite athletes?**

**M Chand**, T Qureshi  
*Journal of Royal Society of Medicine* 2014; 107: 290-2.

**EMVI-positive stage II rectal cancer has similar clinical outcomes as stage III disease following pre-operative chemoradiotherapy**

**M Chand**, A Bhangu, A Wotherspoon, GWH Stamp, RI Swift, P Tekkis, G Brown  
*Annals of Oncology* 2014; 25(4):858-63

**Magnetic resonance imaging defined mucinous rectal carcinoma is an independent imaging biomarker for poor prognosis and poor response in pre-operative chemoradiotherapy**

SKT Yu, **M Chand**, DM Tait, G Brown  
*European Journal of Cancer* 2014; 50(5):920-7

**Important imaging considerations in the pre-operative assessment of rectal cancer**

**M Chand**, G Brown  
*Seminars in Colon and Rectal Surgery* 2014; 25:6-12

**Adjuvant chemotherapy improves overall survival after surgery in mucinous carcinoma of the rectum**

**M Chand**, A Bhangu, S Rasheed, RI Swift, GWH Stamp, P Tekkis, G Brown  
*European Journal of Surgical Oncology* 2014; 40:240-5.

**Extramural venous invasion (EMVI) is a potential imaging predictive biomarker of neoadjuvant treatment in rectal cancer**

**M Chand**, I Swift, P Tekkis, I Chau, G Brown  
*British J Cancer* 2014; 110: 19-25.

**Mucinous carcinoma of the rectum: a distinct clinicopathological entity**

**M Chand**, S. Yu, RI. Swift, PP Tekkis, G. Brown

*Techniques in Coloproctology* 2014; 18(4):335-44

**Lymph node status does not predict local recurrence in the TME-era**

**M Chand**, B Moran, R Glynne-Jones, RJ Heald, G Brown

*Diseases Colon and Rectum* 2014; 57(1):127-9

**Pre-operative staging of rectal cancer: MRI or ultrasound?**

**M Chand**, G Brown

*Seminars in Colon and Rectal Surgery* 2013; 24:114-118

**Outcomes of simultaneous resection for patients with synchronous colorectal liver metastases**

AAP Slessor, **M Chand**, R Goldin, G Brown, PP Tekkis, S Mudan

*European Journal of Surgical Oncology* 2013; 39: 1384-93

**The importance of not overstaging mesorectal lymph nodes seen on MRI**

**M Chand**, RJ Heald, G Brown

*Colorectal Disease* 2013; 15: 1201-1204

**The Role of MRI in Treatment Planning for Rectal Cancer - A Review**

RK Bott, **M Chand**, RI Swift, GF Nash, G Brown

*Curr Cancer Ther Rev* 2013; 9:13:111-116

**Laparoscopic Rectal Cancer Surgery – Clinical Review**

**M Chand**, J Bhoday, G Brown, BJ Moran, AC Parvaiz

*Journal of Royal Society in Medicine* 2012; 105:429-35.

**Is splenic flexure mobilization necessary in laparoscopic anterior resection?**

**M Chand**, D Miksovic, AC Parvaiz

*Diseases of Colon and Rectum* 2012; 55(11):1195-1197.

**Prostate and Rectal Cancer – A Review**

Nash GF, Turner KJ, Hickish T, Smith J, **Chand M**, Moran BJ

*Ann R Coll Surg Engl.* 2012;94(7):456-62.

**Venous complications of thoracic outlet syndrome**

AS Ward, **M Chand**

*British Journal of Hosp Medicine* 2011; 72(9): 511-14.

**Bariatric Surgery for the General Surgeon – How to manage post-operative complications**

K Hamdan, SS Somers, **M Chand**

*British Journal of Surgery* 2011; 98(10): 1345-55.

**Laparoscopic Rectal Cancer Surgery - Editorial**

**M Chand**, RJ Heald

*British Journal of Surgery* 2011; 98(2): 166-7.

**Acute Colonic Emergencies**

K Bevan, **M Chand**, TD Cecil

*Surgery* 2010; 28(11): 536-43

**Mesh erosion following laparoscopic incisional hernia repair**

**M Chand**, J On, K Bevan, H Mostafid, AK Venkatsubraniam

*Hernia* 2010 Sep – epub and in press

**MMC and The Future of British Surgeons**

**M Chand**, M Faruque, N Dabbas, GF Nash

*British Journal of Hospital Medicine* 2010; 71(5): 282-5.

**Have the organisms of breast abscess changed over time**

N Dabbas, **M Chand**, GT Royle, JCR Sainsbury

*Breast Journal* 2010; 16(4): 412-5.

**Soft tissue metastases**

**M Chand**, R Thomas, N Dabbas, A Bateman, GT Royle

*World Journal of Oncology* 2010; 1(3): 135-7.

**TAP blocks as an addition to the day-case laparoscopic cholecystectomy analgesic repertoire**

**M Chand**, D Wainright, R Bahoumy

*European Journal of Pain* 2009; 13(1): S246.

**Are TASER guns really safe?**

**M Chand**, GF Nash

*British Journal of Hospital Medicine* 2009; 70(6): 314-5.

**Gender-determined flexible sigmoidoscopy**

**M Chand**, TJ Andrews, GF Nash

*Colorectal Cancer Journal* 2009; 2: 11-13.

**Preservation of the lateral thoracic vein in axillary dissection**

**M Chand**, MC Swan, N Horlock, GT Royle

*The Breast* 2009; 18: 69-70.

**Atypical presentation of a common disease: intussusception**

**M Chand**, J Coyne, GF Nash

*Colorectal Cancer Journal* 2008; 1: 1-3.

**Timely closure of loop ileostomy following anterior resection for rectal cancer**

**M Chand**, GF Nash, RW Talbot

*European Journal of Cancer Care* 2008; 17: 611-15.

**Intussusception in colorectal cancer**

**M Chand**, L Bradford, GF Nash

*Clinical Colorectal Cancer* 2008; 7(3):204-5.

**Two-week breast cancer referrals: non adherence to clinical criteria – Time for a change?**

**M Chand**, DB Oni, K Walsh, M Williams, C Rubin, A Aertssen, R Sainsbury, GT Royle

*British Journal of Surgery* 2008; 95 (Suppl 2):75.

**NOTES – Because we can or because we should? - Editorial**

**M Chand**, GF Nash

*Journal of Royal Society of Medicine* 2008; 101(4): 160-2.

**The management of haemorrhoids – Clinical Review**

**M Chand**, N Dabbas.

*British Journal of Hospital Medicine*, 2008; 69(1): 35-40.

**How and why do we measure surgical risk?**

**M Chand**, T Armstrong, G Britton, GF Nash.

*Journal of Royal Society of Medicine*, 2007; 100(11): 508-12.

**Diagnostic dilemmas following prophylactic surgery for BRCA1 mutation**

**M Chand**, PJ Moore, GF Nash, AD Clarke, T Hickish

*World Journal of Surgical Oncology*, 2007; 148(10): 248-51.

**Following anterior resection for rectal cancer, defunctioning ileostomy closure may be significantly delayed by adjuvant chemotherapy: a retrospective study.**

**M Chand**, RW Talbot, GF Nash

*Colorectal Disease*, 2007; 9: 758-9.

**Short-term results of a randomized clinical trial comparing Lichtenstein open repair with totally extraperitoneal laparoscopic inguinal hernia repair**

GF Nash, **M Chand**, A Talwar, AD Clarke

*British Journal of Surgery*, 2007; January – epub

**A simple case of appendicitis? An increasingly recognised pitfall**

**M Chand**, PJ Moore, GF Nash.

*Annals of Royal College of Surgeons*, 2007; 89: 1-3.

**Nil by mouth – a misleading statement!**

**M Chand**, N Dabbas

*Journal of Perioperative Practice*, 2007; 17(8):366-70

**Closure of ileostomy - a part of the cancer patient's journey**

J Sheldon, **M Chand**, C Conner, A Alexander, AD Clarke, RW Talbot, GF Nash

*Colorectal Disease*, 2007; 9(S1): 100

**Doppler-guided haemorrhoidal artery ligation – a first-line procedure?**

**M Chand**, PJ Moore, T Andrews, GF Nash, AD Clarke

*British Journal of Surgery*, April 2007; 92(S2):111-112.

**Comparison of Banding versus HALO in the treatment of haemorrhoids**

**M Chand**, PJ Moore, T Andrews, GF Nash, AD Clarke

*British Journal of Surgery*, April 2007; 92(S2):112.

**Haemorrhoidal artery ligation operation – a first line procedure for bleeding piles**

**M Chand**, PJ Moore, T Andrews, GF Nash, AD Clarke

*European Surgical Research* 2007; 39(S1): 92.

## **Book Chapters and Media Publications**

**Appearance of the mesentery during laparoscopic/robotic surgery**

J Calvin Coffey, **M Chand**

In: Seghal R, Coffey JC, Lavery I (Eds) *Mesenteric Principles of Gastrointestinal Surgery*: 1<sup>st</sup> edition (2017)

**Robotic Total Colectomy and Ileorectal Anastomosis**

V Muniskrishnan, **M Chand**

In: Wexner SD, Fleshman JW (Eds) *Master Techniques in Surgery: Colon and Rectal Surgery: Abdominal Operations*, 2<sup>nd</sup> edition (2017)

**The role of social media and surgery**

AM Petrucci, **M Chand**, S Wexner

In: *Clinic in Colon and Rectal Surgery* (2017)

**The Role of Imaging in the Diagnosis and Staging of Primary and Recurrent Rectal Cancer.**

**M Chand** and G Brown.

In: Longo WE, Reddy V, Audisio RA. (Eds.) Modern Management of Cancer of the Rectum. 2nd Ed. Springer-Verlag London (2015) pp81-95

### **Staging and evaluation of rectal cancer and pelvic malignancy**

**M Chand**, A Wale and G Brown

In: Patel HE, Mould T, Joseph JV, Delaney CP. (Eds) Pelvic cancer. 1st Ed. Springer London (2015) pp491-502

### **Intestinal obstruction after bariatric surgery**

K Hamdan, **M Chand**

In: Iowazzo CR (Ed). 1st Ed. Bariatric Surgery: from Indications to Postoperative Complications – Novapublishers New York (2012)

### **How to identify tumour penetration in rectal cancer**

**M Chand**, G Brown

In: Valentini V, Schmoll HJ, van de Velde CJH. (Eds) Multidisciplinary Management of Rectal Cancer. 1st Ed. Springer Berlin Heidelberg (2012) pp59-65

### **What are the relevant imaging factors to optimize treatment decisions in rectal cancer?**

**M Chand**, G Brown

In: Valentini V, Schmoll HJ, van de Velde CJH. (Eds) Multidisciplinary Management of Rectal Cancer. 1st Ed. Springer Berlin Heidelberg (2012) pp27-39

### **Surgery OSCEs**

**M Chand**

In: Crook TJ. (Ed) Ace The OSCE – DVD and Book. 1st Ed. MedicaMovies London (2010)