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PERSONAL DETAILS

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DATE OF BIRTH: 24 July 1954

NATIONALITY: British

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UCLH Cancer Division 47 Wimpole Street London W1G 8SE

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EDUCATION & QUALIFICATIONS

GENERAL EDUCATION: Allerton Grange School, Leeds

1970 - 1972

MEDICAL SCHOOL: University of Manchester School of Medicine

Manchester 1972 - 1977

QUALIFICATIONS: MB, Ch.B. (Manchester)

July 1977

FRCS (England) May 1981

ChM (Manchester) December 1985

Certificate of Completion of Surgical Training

JCHST

December 1989

CURRENT & RECENT APPOINTMENTS

In October 2020 I was appointed Director of Surgical Oncology at Cleveland Clinic London.

I retired from clinical practice at UCLH on 31 October 2017 and served as Joint **Chief**Medical Officer for the North Central and North East London Cancer Alliance from

January 2019 to July 2020. The NECL Cancer Alliance has the responsibility of improving cancer care for a population of 3.5 million in line with the National Cancer Strategy. From March to July 2020 I led on the North Central Cancer Alliance response to Covid-19.

I also led work on **MDT Improvement** in our Cancer Alliance as well as working on this with NHS England. This work resulted in the MDT improvement Report which was published in 2017 (link: https://goo.gl/oECAx) and has contributed to the guidelines on MDT Streamlining published my NHS England in 2019.

I am Honorary Consultant Upper GI surgeon at UCLH and Honorary Clinical Professor in the Division of Surgery and Interventional Sciences at UCL.

Between September 2018 and March 2019, I was Consultant in Surgical Education at Lancashire Teaching Hospitals NHS Foundation Trust and Honorary Senior Lecturer (Teaching) in Medical Education, school of Medical Sciences at the University of Manchester.

RESPONSIBILITIES AND ACHIEVEMENTS AS HEAD OF UPPER GI SERVICES AT UCLH, February 2011 – October 2017

In September 2010, I was approached by UCLH to lead the Upper GI Surgical service and I was appointed Head of Upper GI Services in February 2011. In December 2012, I was appointed Honorary Clinical Professor in the Division of Surgery and Interventional Science at University College London. I took over a service that had been suspended because of poor outcomes, and over the last six years re-established and expanded it under my leadership. This was a challenging task requiring not only personal clinical input in the management of complex cases, but there was also a political dimension to re-shape the service and restore the confidence of clinicians and Trusts in the North London Cancer Network.

My achievements in the six years since taking up the post included:

- I re-established and expanded the OG cancer service at UCLH. I also led the reconfiguration of OG cancer surgery within London Cancer resulting in the centralisation at UCLH.
- The number of resections for OG cancer steadily increased with Improved outcome. In the last 6 years, we operated on 382 cases with a 90-day mortality of 1.4%.
- Management of complex cases:
 - I contributed to the management of complex cases such as oesophageal reconstruction and repair of oesophageal fistulae to the airways and the aorta.
 - I set up a pan-London benign/complex OG MDT in 2012 which meets every month to discuss complex cases from around London. This is well attended, and we have discussed and managed 76 cases in the last four years.
- I was appointed O-G Cancer Pathways Director London Cancer in 2011. My
 achievements in this role include successfully leading the reconfiguration of OG
 cancer services in North and North East London and I am currently working on the
 MDT Improvement project.
- I was involved in several research projects with UCL and London Cancer. I was the General Surgery Sub-specialty Lead for CRN North Thames.
- I was the Educational Lead for General Surgery Higher Surgical Trainees at UCLH
- I was the North Thames representative on the Council of the Association of Upper
 GI Surgeons and remain a member of the Invited Review panel of RCS England.

PREVIOUS CONSULTANT POSTS

Consultant Surgeon, Lancashire Teaching Hospitals NHS Foundation Trust, Nov 1989 - Jan 2011

I took over a busy surgical practice with a major interest in gastrointestinal and breast surgery. In 1994, I moved full time to Chorley Hospital to set up the department of General Surgery in the newly established Trust. In 1999, the Trusts at Chorley and Preston merged to make the Lancashire Teaching Hospitals Trust. I set up the specialist UGI surgery department. Apart from running a busy clinical service, I was also involved in reconfiguration of surgical services and served two terms as Clinical Director in Surgery.

Senior Lecturer/Consultant Surgeon, Hope Hospital, Dec 1989 - Oct 1991

I was one of three Consultants on a busy unit. My clinical interests overlapped with those of my colleagues, encompassing a wide range of gastrointestinal and endocrine surgery. I shared, with Professor Sir Miles Irving, cases referred to the Nutrition Unit and gained valuable experience in the management of complex gastrointestinal fistulae and cases of severe, recalcitrant abdominal sepsis. I was responsible for setting up and developing a laparoscopic surgery service at Hope Hospital. Besides successfully establishing laparoscopic cholecystectomy, I developed other applications of laparoscopic surgery and other minimally invasive procedures. I established research activities in several areas and was responsible for supervising the work of research fellows working in the department.

TRAINING SUMMARY

Senior Registrar - North West General Surgery Rotation

Dec 1986- May 1988	Univ. Dept Surgery Manchester Royal Infirmary	Prof. I E Gillespie Mr R W Johnson Mr R F McCloy
Jun 88 - Jun 89	Royal Preston Hospital	Mr J P Lythgoe Mr H J Done Mr D Stewart Mr A R Hearn
Jun 89 - Dec 89	Withington Hospital Manchester	Mr P F Schofield Mr D Tweedle Mr E S Kiff

Tutor in Surgery - Hope Hospital, Salford, May 1983 - Nov 1986

Univ. Dept Surgery	Specialised GI Surgery	Prof. M H Irving
Hope Hospital	and Research	Mr J Bancewicz

Registrar Rotation in Surgery - Northern Hospital Manchester, North Manchester General Hospital & Booth Hall Children's Hospital, Oct 1981 - Apr 1983

Northern Hospital Manchester	General Surgery	Mr J H Tasker Mr M Shafiq
North Manchester General Hospital	General Surgery	Mr R C Hartley Mr R W Williams Mr J M T Howat
Booth Hall Hospital	Paediatric Surgery	Mr S J Cohen Miss C M Doig

Locum Registrar in Orthopaedics, Aug 1981 - Sep 1981

Royal Manchester Children's Hospital

Orthopaedics

Mr J C Griffiths Mr J H Green

Senior House Officer Rotation in Surgery - Salford Royal Hospital, Hope Hospital and Royal Manchester Children's Hospital, Feb 1979 - Jul 1981

Salford Royal Hospital Orthopaedics Mr J C Griffiths

Mr S G W Gough

Hope Hospital General/Vascular Mr J B Garland

Royal Manchester Children's Paediatric Prof. C Galasko Hospital Orthopaedics Mr J C Griffiths

Senior House Officer in Accident & Emergency, Aug 1978 - Jan 1979

Huddersfield Royal Infirmary Mr Annan

House Officer posts

House Surgeon to Mr J R N Curt and Mr J C Griffiths Salford Royal Hospital, Salford

Withington Hospital, Manchester

House Physician to

Prof. J Evanson and Dr J P Miller

Aug 1977 - Jan 1978 Feb 1978 - Jul 1978

SERVICE DEVELOPMENTS

- 1989-1991: I was instrumental in setting up minimally invasive gastrointestinal surgery at Hope Hospital in Salford while I was Senior Lecturer in the Department of Surgery there.
- 1993-1994: I helped to commission a new hospital at Chorley and set up a
 Department of General Surgery. From being a single-handed surgeon supported
 by an Associate Specialist, I built a department with a complement of four
 consultant surgeons with subspecialist interests to provide a General Surgical
 service at Chorley and South Ribble District General Hospital.
- 1999 2001: Even before publication of IOG guidance for the management of cancer, I impressed on my Trust the need for subspecialisation in General Surgery.
 I developed a specialist UGI surgical unit at Chorley based on the delivery of

excellent outcomes for oesophago-gastric resections. The unit also developed a strong ethos of training and not only became recognised for subspecialist training in Upper GI Surgery but also received a commendation from the SAC in General Surgery.

- **2001-2009**: I led the development of effective multidisciplinary working in the treatment of oesophago-gastric cancer in Lancashire and South Cumbria network and expanded the service through video conferencing.
- 2009: I was instrumental in formulating the bid resulting in the choice of Lancashire Teaching Hospitals as the site for the regional oesophago-gastric cancer centre for Lancashire and South Cumbria. In the North West of England, the centre is regarded as a model of multi-disciplinary team working in the management of oesophago-gastric cancer.
- 2011: I was appointed as Head of Upper GI Services at UCLH and have successfully re-established and expanded the OG Surgery service at UCLH. I was also appointed OG Cancer Pathway Director for London Cancer and have successfully led the centralisation of OG Cancer Services in North and North East London.
- 2011-2017: See above.

ROLES IN EDUCATION & TRAINING

Teaching

I have actively participated in the teaching of surgical trainees throughout my career. Apart from regular bedside teaching I have taught on a number of regional courses as follows:

- North Manchester General Hospital FRCS/MRCS Course (1989-2001).
- South Manchester MRCS Course.
- Alpine FRCS Part III Course I set up this course in 2005 with two colleagues and it is now one of the most popular of such courses in the UK, with a pass rate of over 80%. It receives consistently excellent feedback, and two delegates from the course have won gold medals for achieving the highest marks in the Part III FRCS examination in the last four years.

I was also successful in attracting SIFT funding to appoint a Consultant in Surgical Education for Undergraduate teaching at Lancashire Teaching Hospitals Trust in 2006. This led to a significant improvement in the delivery of undergraduate teaching at the Trust.

Training

I set up and ran the teaching programme for SpRs in General Surgery in the North West from 1999 to 2011. The programme is innovative and has been highly rated by the SpRs, the regional STSC in General Surgery and the SAC in General Surgery. It was rated as the top regional General Surgical teaching programme in the PMETB national trainee survey in 2009.

Until October 2017 I was the Educational Lead for higher surgical trainees in general surgery at UCLH

I have received the following awards related to training:

- Finalist for the Smith and Nephew Silver Scalpel award for excellence in surgical training in 2000 and 2001.
- Finalist for the Silver Scalpel Award for Surgical Trainer of the Year, 2004.
- Certificate of Merit, Hospital Doctor Awards, 2004.
- Distinguished Individual Award for services to the Association of Surgeons in Training, 2006.

REGIONAL & NATIONAL RESPONSIBILITIES

Local

- Member of the Minor Surgery Panel at the South Lancashire Health Authority (1993-1999)
- President of the Central & N Lancashire branch of the lleostomy Association (1991-2010)
- Chairman of the Upper GI Cancer Site Specific Group, Lancashire & South Cumbria Zone (1999-2003)

Regional (North West)

- Member of the Specialist Advisory Committee in General Surgery
- Secretary of the Surgical Section of the Manchester Medical Society (1999-2005)
- Member of the Advisory Committee of The University of Central Lancashire
- President, Surgical Section of the Manchester Medical Society (2006/2007)

- Member of the Research for Patient Benefit Committee of the National Institute for Health Research (2010-2011)
- Member of the North West Regional ACCEA Subcommittee (2008 2010)
- North West Regional Advisor for General Surgery (2008 2011)
- President of the Manchester Regional Association of Surgeons (2010 2011)

Regional (London)

Pathway Director for oesophagogastric cancer for the London Cancer since 2011

National

- First surgeon appointed to the Appraisals Committee of the National Institute for Clinical Excellence (NICE), 1999 – 2005
- Member of the Invited Review Mechanism Panel of the Royal College of Surgeons of England
- Member of the Clinical Reference Group for oesophago-gastric cancer representing the North West London Clinical Senate until its dissolution in 2016
- North Thames representative on the Council of the Association of Upper GI Surgeons until October 2017

Academic/Training

- Member of the Regional STSC for General Surgery (1994-2011)
- Member of the Interview Panel for selection of Medical Students, Manchester Medical School (1994-2004)
- Member of the SAC in General Surgery (2005 2011)
- North West Regional Adviser in General Surgery (2008-2011)
- Member of the Court of Examiners, The Royal College of Surgeons of England (2001-2010)
- Member of the Panel of Examiners, Intercollegiate Specialty Board in General Surgery (2001-2016)

ACHIEVEMENTS AT REGIONAL & NATIONAL LEVEL

National

- NICE: I led on six technology assessments as a member of the Appraisal
 Committee of NICE. This involved additional work to the monthly meetings and
 involvement in the discussion of a wide range of new technologies that were
 being considered, most of which were outside my area of expertise.
- **Joint Committee for Higher Surgical Training.** As a member of the SAC in General Surgery, in addition to attending regular meetings of the committee, I was also the liaison member for Trent and East Midlands. My commitments included:
 - Attending RITA/ARCP meetings in Leicester, Nottingham and Sheffield, to oversee the process and provide externality. This involved helping the Training Programme Directors in managing difficult trainees and making representations to individual Trusts where there was poor access to training.
 - Assessing 'Part 14' applications for specialist registration, which were sent to the SAC by PMETB, and more recently the GMC. The applications typically consisted of 400 to 700 pages and it was important to scrutinise these carefully to determine whether the applicant was qualified to be registered. I dealt with 12 such applications.

The Royal College of Surgeons

- As a member of the Invited Review Mechanism, I have been involved in carrying out a review of clinical services at a large Trust in 2010. This involved a three day visit with a heavy workload consisting of interviews with clinicians and managers, scrutinising documents including case notes and writing a report. This was a particularly complex set of issues and the College report has been well received by the Trust concerned.
- I am also on the panel of College advisors for Consultant Appointment Committees. In this role, I am invited to sit on Appointment Advisory Committees around the country.

Regional

- Regional Specialty Professional Adviser (North West). Manchester, Lancashire and Mersey regions merged during my tenure and I was therefore the College advisor to a large geographical area, covering a number of very large Trusts. In this capacity, I was responsible for general advice on the provision of surgical services at a time of great change. This involved discussions on service reconfiguration, but my role also included the vetting of job descriptions and advising and mentoring individual Consultants in difficulty.
- **NW Regional Subcommittee of ACCEA.** This involved the consideration of over 200 applications submitted each year for national Clinical Excellence Awards.

Looking through the applications took over 30 hours and this role involved attending several short-listing meetings annually.

- NIHR Research for Patient Benefit. My role on the committee was to consider batches of 10 to 12 applications every three months and attend a series of meetings to decide which applications were to be awarded funding. This involved a considerable amount of work in my private time.
- Mentorship to Consultants. In the last 25 years, I was asked to support and provide mentorship to four Consultant Surgeons in the North West whose competence had been questioned. This involved secondment to my unit, and a period of close observation, assessment and support. Three of these colleagues were able to resume clinical practice albeit with a change of job plan.

RESEARCH

May 1983 - Nov 1986: Tutor in Surgery (Honorary Registrar), Hope Hospital

The academic surgical unit at Hope Hospital had wide-ranging interests with special expertise and acknowledged reputation in the fields of nutrition, inflammatory bowel disease and oesophageal disease. In this post, approximately half my time was spent in research and half in clinical surgery. During this period, I was also responsible for the day to day running of the Nutrition Unit under the direction of Professor Irving. I gained excellent training in the techniques of parenteral nutrition and the management of complex gastrointestinal fistulae. Together with the other Tutor, I provided a vascular access service in difficult cases referred from other hospitals in the region and beyond. I attended operating sessions, ward rounds and unit meetings, and shared in the on-call rota as the RSO. I gained experience in the surgical treatment of a variety of oesophageal diseases. My activities in the unit are summarised as follows:

Thesis Work

I studied the value of Technetium^{99m} scintiscanning to assess oesophageal motility and gastro-oesophageal reflux. Although the technique was not original, it had not until then been rigorously tested, nor had its place in the armamentarium of oesophageal function tests been clearly defined. In a detailed study of over 200 patients and 58 asymptomatic subjects, I showed that the test, although simple, lacked the specificity and sensitivity of endoscopy, pH monitoring and manometry. During these studies, I became proficient in the performance and interpretation of oesophageal manometry and pH studies - two tests that I believe provide valuable information in the diagnosis of oesophageal disease and in planning surgical treatment.

Intra-Abdominal Sepsis

The large number of cases of intra-abdominal sepsis referred to the unit gave me unique experience in the management of this problem. I made a detailed study of pancreatic abscess in particular, to determine factors that affect the prognosis and evaluated different techniques of management. My studies showed that a combination of CT scanning and sepsis scoring provided a useful guide to deciding the timing and type of surgery, sometimes necessitating leaving the abdominal cavity packed open as a 'laparostomy'.

<u>Parenteral Nutrition</u>

At the time, Hope Hospital had the largest experience of Home Parenteral Nutrition in the United Kingdom. With Professor Irving, I was responsible for collecting and processing data from the whole of the UK and Ireland on the use of Home Parenteral Nutrition. The data were periodically analysed to audit the usage of this expensive treatment, which at present represents the only satisfactory way of treating chronic intestinal failure. Such analyses have been useful in identifying those conditions or patient groups most likely to benefit from HPN.

Dec 1989 - Oct 1991: Senior Lecturer in Surgery, Honorary Consultant Surgeon, University Dept of Surgery, Hope Hospital

As Senior Lecturer in Surgery, I was responsible for guiding a number of junior staff in their research projects. This included helping them to design the studies, supervising the research and reviewing written work being compiled for publication. Alongside this, I was also responsible for maintaining my own research output and gained valuable experience in applying for research grants.

Current Research Projects

- Use of Discrete Choice Experiment in determining patient preferences. With my collaborators, I have published a paper in the British Journal of Surgery this year, describing the use of this tool in studying patient preferences for the treatment of oesophago-gastric cancer. We have now received ethical approval to conduct a multicentre study involving UCLH, Bristol and Preston.
- Analysis of volatile gases in breath for the diagnosis of oesophago-gastric cancer.

 This is a study set up by Professor George Hanna at the Imperial and I have agreed to collaborate with his team on a potentially useful test for the early detection of oesophago-gastric cancer by non-invasive techniques.
- **Digital support for OG Cancer Pathway.** I am working with Professor Elizabeth Murray and London Cancer on a project to support patients and CNSs to

- improvement the care of patients with OG Cancer. In November 2017, we received a grant of over £90,000 from Macmillan for this work.
- **Endostim.** I am working with Professor Lovat to study the application of the Endostim device for the treatment of gastro-oesophageal reflux.
- Novel X-ray based imaging techniques. I am working with Professor Lovat and Professor Sandro Olivo on the use X-ray phase contrast imaging in the assessment of OG cancer resection specimens. We have received a grant of 1 million Euros for this work from the Engineering and Physical Sciences Research Council.
- Tracheo-oesophageal fistula. I am writing up my experience in the management of this difficult condition and performing a review of the literature and examination of the HES data.

EXTERNAL EXAMINER

I have been an external examiner as follows:

- PhD, University of Nottingham
- MB BS, Imperial College School of Medicine
- MSc in Surgical Innovation, Imperial College School of Medicine
- MD, Sudan Specialisation Board

PEER REVIEW

I am on the editorial advisory board of 'Nutrition' and the 'Journal of Surgical Simulation'

I regularly review articles for the British Journal of Surgery.

I am an advisor to the National Institute for Health Research.

ENGAGEMENT OF THE PUBLIC

In the North West I regularly contributed to the education of our patients and public by talks and demonstrations of live surgery, that have been extremely popular and well received.

PUBLICATIONS

Thesis for the degree of Master of Surgery

"Non-invasive assessment of oesophageal function by Technetium^{99m} scintiscanning". Manchester University, December 1985.

Papers (1985-1989)

MUGHAL M, WHITE R, PETTIT S
An atraumatic method of tunnelling cuffed central venous catheters.

Brit J Surg 1985; 72: 127.

2 MUGHAL M, BANCEWICZ J, IRVING M "Laparostomy": a technique for the management of intractable intraabdominal sepsis.

Brit J Surg 1986; 73: 253-259.

3 MUGHAL MM
Accidental ingestion of a toothbrush!
Arch Emergency Med 1986; 3: 119-123.

- 4 MUGHAL MM, IRVING MH Home Parenteral Nutrition in the United Kingdom and Ireland. Lancet 1986; ii: 383-386.
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- 6 MUGHAL MM, MARPLES M, BANCEWICZ J Scintigraphic assessment of oesophageal motility. What does it show and how reliable is it? **Gut 1986**; **27**: **946-953**.
- 7 MEGUID MM, MUGHAL MM, DEBONIS D, MEGUID V, TERZ JJ
 Influence of nutritional status on the resumption of adequate food intake in
 patients recovering from colorectal cancer operation.
 Surgical Clinics of North America 1986; 66: 1167-1177.
- 8 MUGHAL MM, TURNER M, SHAFFER JL, IRVING MH Nutritional management of pregnancy in Home Parenteral Nutrition patients. **Brit J Obstet Gynaecol 1987**; **94**: **44-49**.
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Nutrition International 1987; 3: 25-34.

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Ann Roy Coll Surg Engl 1987; 69: 64-70.

11 BANCEWICZ J, MUGHAL M, MARPLES M

The lower oesophageal sphincter after floppy Nissen fundoplication.

Brit J Surg 1987; 74: 162-164.

12 MUGHAL MM

Parenteral Nutrition in injury.

Injury 1987; 18: 82-86.

13 MUGHAL MM, MEGUID MM

The effect of nutritional status on morbidity after elective surgery for benign gastrointestinal disease.

J Parent Ent Nutr 1987; 11: 140-143.

14 MUGHAL MM

Abdominal wound dehiscence in the poor risk patient. A method of management.

Brit J Clin Pract 1987; 41: 889-890.

15 ALMOND DJ, STOKES MA, PETTIT SH, MUGHAL MM, TURNER M,

SHAFFER JL, IRVING MH

Home parenteral nutrition: a review of 100 patient-years of treatment in 76 consecutive cases.

Brit J Surg 1988; 75: 481-483.

16 MUGHAL MM, IRVING MH

Treatment of end stage chronic intestinal pseudo-obstruction by sub-total enterectomy and Home Parenteral Nutrition.

Gut 1988; 29: 1613-1617.

17 MUGHAL MM

Complications of intravenous feeding catheters.

Brit J Surg 1989; 76: 15-21.

Papers (1990-1994)

18 MUGHAL MM, BANCEWICZ J, MARPLES M

Oesophageal manometry and pH recording does not predict the bad results of Nissen fundoplication.

Brit J Surg 1990; 77: 43-45.

19 MUGHAL M. LEINHARDT D

Infected feeding lines.

Care of the Critically III 1990; 6: 228-231.

20 LEINHARDT DJ, MUGHAL M, BOWLES B, GLEW R, KISHEN R,

MacBEATH J and IRVING M

Appraisal of percutaneous tracheostomy.

Brit J Surg 1992; 79: 255-58.

21 LEINHARDT DJ, RAGAVAN C, O'HANRAHAN T and MUGHAL M.

Endocarditis complicating parenteral nutrition: the value of repeated echocardioaraphy.

J Parenter and Ent Nutr 1992; 16: 168-70.

22 DAVENPORT M, MUGHAL M, McCLOY RF and DOIG CM.

Hypogastrinemia and esophageal atresia.

J Pediatr Surg 1992; 27:568-571.

23 MUGHAL M A cheap laparoscopic surgery trainer.

Ann Roy Coll Surg Engl 1992; 74:256-7.

24 ARNOLD J, LEINHARDT DJ, SHIPLEY KA, LITTLE RA, MUGHAL M, IRVING MH.

The use of tritiated norepinephrine to study sympathetic nervous system activity in septic man.

In: E Buncel and G W Kabalka (Eds), Synthesis and Applications of Isotopically Labelled Compounds 1991. Proceedings of the Fourth International Symposium, Toronto, Canada, 3-7 Sept 1991, Elsevier, Amsterdam, London, New York, Tokyo, 1992; pp679-682.

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Plasma NE concentrations do not accurately reflect sympathetic nervous system activity in human sepsis.

Am J Physiol 265 (Endocrinol Metab 28): E284-E288, 1993.

CARLSON GL, GRAY P, BARBER D, SHAFFER JL, MUGHAL M, IRVING MH Total parenteral nutrition modifies the acute phase response to Crohn's disease.

J R Coll Surg Edinb 1994; 39:360-364.

- 27 CARLSON GL, MUGHAL MM, BIRCH M, DENNING DW. Aspergillus Wound Infection following Laparostomy.

 Journal of Infection 1996; 33:119-121.
- WILLIAMS N, BRADLEY A, MAMTORA H, LEINHARDT DJ, MUGHAL MM, IRVING MH. A prospective evaluation of central venous blood flow using Doppler ultrasound in patients with a long term central venous catheter.

 European Journal of Clinical Nutrition 1997;51: 123-4

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- PURSNANI KG, SATALOFF DM, ZAYAS FR, MUGHAL MM, CASTELL DO Evaluation of the antireflux mechanism following Laparoscopic Nissen fundoplication.

Br J Surg 1997; 84:706.

- PURSNANI KG, KORT KC, BORTOFF AR, MUGHAL MM, SILLIN LF. Postprandial uncoupling of intestinal smooth muscle: Is it Insulin? **Br J Surg 1997**; **84**:720.
- PURSNANI KG, MOHIUDDIN MA, GEISINGER KR, WEINBAUM G, KATZKA DA, MUGHAL MM, CASTELL DO. The role of 'acid-burden' on acute experimental oesophagitis.

 Br J Surg 1997;84(2):121.

- PURSNANI KG, MOHIUDDIN MA, GIDEON RM, CASTELL JA, KATZKA DA, MUGHAL MM, CASTELL DO. What is the aetiology of Globus sensation? **Br J Surg 1997;84(2):98.**
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- PURSNANI KG, BAZZA Y, CALLEJA M, MUGHAL M. Laparoscopic cholecystectomy under epidural anesthesia in patients with chronic respiratory disease.

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 Br J Surg 2007;94(S2):120
- DeCADT B, ELSHARIEF D, WARD J, MUGHAL M. Surgical management of mediastinal sepsis: audit of our experience

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 Annals of Surgical Oncology 2007.
- 43 MUGHAL M. How to Pass the Part III Examination

 Association of Surgeons in Training Yearbook 2008;56-60.
- DATE R and MUGHAL MM. Gastrointestinal Stromal Tumours. **Association of Surgeons in Training Yearbook 2008;125-129.**
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 - World J Surg Oncol 2008; 6:77
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 Brit J Surg 2008; 95 (\$7):26

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Brit J Surg 2008; 95 (\$7):26

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 Brit J Surg 2008; 95 (\$7):56
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59 ALKHAFFAF B, TURNER P, DATE R, MUGHAL M, WARD J, PURSNANI K. Factors predicting extended length of stay following laparoscopic Nissen fundoplication: a move towards day case surgery. **Gut. 2012, 61 (S2): A362**

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62

63 MCLAUGHLIN E, SHETTY V, TURNER P, PURSNANI K, WARD J, MUGHAL M
The effect of centralisation of oesophago-gastric cancer services
on training experience. A fifteen-year retrospective study.

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- 66 CHONG D, HAMILTON H, CONSTANTINOU J, DAVIS M, MUGHAL M, IVANCEV KRASNODAR. Successful stent graft repair of multiple thoracoabdominal mycotic aortic aneurysms in the presence of Kommerell diverticulum and complicated by aortoesophageal fistula.

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- 67 QURESHI YA, DAWAS KI, MUGHAL M, MOHAMMADI B. Minimally invasive and robotic esophagectomy: Evolution and evidence.

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- 69 NEWTON NJ, SHARROCK A, RICKARD R, MUGHAL M. Systematic review of the use of endo-luminal topical negative pressure in oesophageal leaks and perforations.
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- 76 VALLEJO-TORRES I, MELNYCHUK M, VINDROLA-PADROS C et al, Discretechoice experiment to analyse preferences for centralising specialist cancer surgery services. **Brit J Surg 2018: DOI: 10.1002/bjs 10761.**
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 Updates in Surgery DOI 10.1007/s13304-018-0524-6.
- 78 MARCHESE S, QURESHI YA, HAFIZ SP et al. Intraoperative pyloric interventions during oesophagectomy: a multicentre study.

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- 79 MARKAR SR, WIGGINS T, ANTONOWICZ S et al. Assessment of Noninvasive Exhaled Breath Test for the diagnosis of Oesophagogastric Cancer.

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 J Gastrointest Surg DOI.ORG/10.1007/s1605-018-3811-0.
- QURESHI YA, MUGHAL M, MARKAR SR et al. The surgical management of non-malignant aerodigestive fistula.

 J Cardiothoracic Surgery 2018; 13 (113).
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Implementing major system change in specialist cancer surgery: The role of Provider networks.

J Health Service Research & Policy DOI: 10.1177/1355819620926553, June 2020

Book chapters

1 MARPLES M, MUGHAL MM, BANCEWICZ J.

Can an oesophageal pH probe be positioned accurately without manometry?

In: Diseases of the Esophagus, ed. J R Siewert and A H Holscher. Springer-Verlag 1988; pp789-791.

2 MUGHAL M, BANCEWICZ J.

Gastro-oesophageal reflux: Pathophysiology and Treatment.

In: Recent Advances in Surgery 14, ed. I Taylor and C D Johnson. Churchill-Livingstone, Edinburgh 1991; pp17-35.

3 MUGHAL M.

Trauma: secondary assessment and the planning of treatment.

In: Clinical Surgery in General: RCS Course Manual, ed. RM Kirk, AO Mansfield and J Cochrane. Churchill Livingstone, Edinburgh 1993; pp49-50.

4 MUGHAL M.

Equipment for laparoscopic surgery.

In: Introduction to Minimal Access Surgery, ed. TH Brown and MH Irving. BMJ Publishing Group, London 1995, pp 4-8.

Commissioned Reports

A Positive Approach to Nutrition as Treatment. King's Fund, Jan 1992. Member of working party chaired by Professor JE Lennard-Jones.

MDT Improvement Report. UCLH Cancer Collaborative, April 2017.

Book

I am the joint Editor of the 'Handbook of gastric and oesophageal surgery' commissioned by Oxford University Press, 2014.

PRESENTATIONS

Presentations (up to 1984)

- Non-oliguric, hyponatraemic uraemia.
 Surgical Metabolic Group, Sheffield, November 1983.
- 2 Practical aspects of Home Parenteral Nutrition.

- Smith, Kline & French Symposium, Hope Hospital, December 1983.
- Radionuclide transit: is it a screening test for oesophageal dysmotility?

 Surgical Research Society, London, January 1984.
- 4 Gastro-oesophageal scintiscanning in the assessment of gastro-oesophageal reflux.
 - British Society of Gastroenterology, Salford, April 1984.
- 5 Simultaneous radionuclide transit (RT) and oesophageal manometry a correlative study.
 - Collegium Internationale Chirurgiae Digestivae, Amsterdam, September 1984.
- A study of radionuclide transit in the diagnosis of oesophageal dysmotility.

 Collegium Internationale Chirurgiae Digestivae, Amsterdam, September 1984.
- 7 Investigation of oesophageal function.
 Third Annual Physiological Measurement Seminar, Salford, September, 1984.
- 8 Isotope studies of the oesophagus.Smith, Kline & French Symposium, Hope Hospital, October 1984.
- Intestinal failure.
 Grand Rounds at the State University of New York, Syracuse, USA.
 October 1984.

Presentations (1985-1989)

- Why is radionuclide transit measurement not a reliable screening test for oesophageal dysmotility?
 Surgical Research Society, London, January 1985.
- Radionuclide transit measurement as a test of oesophageal function: what does it show and how reliable is it?

 Manchester Medical Society, February 1985.
- 12 Radionuclide transit measurement in the diagnosis of oesophageal dysmotility.
 - European Society for Surgical Research, Rotterdam, May 1985.
- Vascular access for Home Parenteral Nutrition.Symposium on Intestinal Failure, Hope Hospital, June 1985.
- 14 Home Parenteral Nutrition.Irish Nutrition & Dietetic Association, Dublin, October 1985.
- 15 Catheter related complications.Symposium on Home Parenteral Nutrition, Dundee, May 1986.
- Influence of the underlying disease on the quality of life of Home
 Parenteral Nutrition patients.
 Surgical Research Society, Leicester, July 1986.
- 17 An improvement of the Bernstein test.

 World Congresses of Gastroenterology, Sao Paolo, September 1986.
- Nissen fundoplication and the lower oesophageal sphincter.
 World Congresses of Gastroenterology, Sao Paolo, September 1986.

- 19 Can failure of the Nissen fundoplication be predicted?
 British Society of Gastroenterology, Cardiff, September 1986.
- 20 Laparostomy Dare I do it? Manchester Medical School, May 1987.
- 21 Parenteral Nutrition.Symposium on Nutritional Support, Hope Hospital, June 1987.
- A comparison of the value of oesophageal manometry and pH studies in selecting patients for anti-reflux surgery.

 Surgical Research Society, Leeds, July 1987.
- Oesophageal scintiscanning: its uses and limitations.

 Biological Engineering Society, Nottingham, November 1987.
- 24 Principles of wound healing.Symposium on Wound Care, Manchester Royal Infirmary, November 1987.
- Nutritional care and services in the Manchester Royal Infirmary.

 Symposium on Usage of Nutritional Support,

 Manchester Royal Infirmary, May 1988.
- Principles of wound healing.Symposium on Aspects of Wound Management,St. Mary's Hospital, Manchester, June 1988.
- 27 Fluid balance in general surgical patients.
 Symposium on Intravenous Fluid Therapy,
 Manchester Medical School, February 1989.

Presentations (1990-1994)

- Evaluation of the Nutrition Unit at Hope Hospital.
 Symposium on Evaluation in Clinical Practice,
 North Western Regional Health Authority, March 1990.
- Access for parenteral nutrition.
 Access 90 Symposium, Owen's Park, University of Manchester, March 1990.
- Symptomatic superior vena cava (SVC) thrombosis in patients on home parenteral nutrition (HPN).
 4th Meeting Academic Departments of Surgery in Europe (ADSE),
 Reisensburg Castle, Ulm, March 1990.
- The surgery of intensive care.
 69th Meeting of Manchester Regional Association of Surgeons,
 Hope Hospital, April 1990.
- The systematic management of the injured lessons from the USA.

 Annual Instructors Meeting of St John's Ambulance,

 Manchester, May 1990.
- Nutrition treatment through the years.

 Annual General Meeting of Patients on Intravenous and Nasogastric Nutrition Therapy, Hope Hospital, June 1990.

34 Principles of wound healing.

Symposium on Wound Healing, organised by Nursing Magazine, Manchester Royal Infirmary, September 1990.

35 Stoma-saving surgery.

Stoma Care and Surgical Nurse Symposium, Ladywell Hospital, October 1990.

36 The management of Hickman lines.

Annual Meeting of North West branch of Infection Control Nurses Association, Hope Hospital, 13 December 1990.

36 Minimally invasive surgery - Fact or Fantasy?
Manchester Medical Society, 8th January 1991.

- a) Emerging problems in minimal access surgery percutaneous gastrostomy
 - b) Percutaneous dilatational tracheostomy early results

Association of Surgeons of Great Britain and Ireland, Oxford, April 1991.

38 Minimally invasive surgery

Preston Postgraduate Medical Centre, 10 April 1991.

39 Minimally invasive surgery Christie Hospital, 21 May 1991.

- 40 UK experience of Home Parenteral Nutrition (HPN)

 The Leeds Course in Clinical Nutrition, Leeds, September 1991.
- 41 Minimally invasive surgery

Joint Meeting of the Royal College of Surgeons of England and the College of Physicians and Surgeons of Pakistan, Karachi, Pakistan, October 1991.

What's new in the management of abdominal sepsis?

Joint Meeting of the Royal College of Surgeons of England and the Association of Surgeons of India, New Delhi, India, November 1991.

- The use of octreotide in the management of gastrointestinal fistulae Symposium on Sandostatin, Manchester, November 1991.
- 44 Keyhole Surgery

Charles O'Neill Medical Club, Manchester, February 1992.

45 Percutaneous v Traditional Tracheostomy

Anniversary Forum on "The Airway", College of Anaesthetists, London, March 1992.

46 Surgery in the palliation of cancer

"Palliation of Cancer", Nordisk Cancer Unions Symposium, Tromso, Norway, June 1992.

47 Minimally Invasive Surgery - The Preston Experience.

Preston Postgraduate Centre, January 1993.

48 Management of locally advanced breast cancer Symposium on breast cancer

Preston Postgraduate Centre, March 1993.

- Scoring system to predict the difficulty of laparoscopic cholecystectomy.

 The XVII-th National Congress of Romanian Society of Surgery lasi, Romania, March 1993.
- The rectal stump eversion technique for the ileal pouch-anal anastomosis.

 XVIIth International Annual Ain Shams Medical Congress

 Cairo, Egypt, March 1994.
- The difficult laparoscopic cholecystectomy tips & techniques.

 XVIIth International Annual Ain Shams Medical Congress

 Cairo, Egypt, March 1994.
- Surgical developments in the treatment of breast cancer.

 Macmillan Symposium on breast Cancer
 Leyland, Nov 1994.
- J P Lythgoe Gentleman and master surgeon Surgical Section of the Manchester Medical Society Manchester, Nov 1994.

Presentations (1995 on)

- The Surgical Treatment of Inflammatory Bowel Disease
 Symposium of Current Issues in Inflammatory Bowel Disease
 Chorley, Jun 1995.
- Minimally Invasive Surgery.Malaysian Medical Association (Sibu Branch)Sibu, Malaysia, July 1996.
- Evaluation of the antireflux mechanism following laparoscopic Nissen fundoplication (Mr K Pursnani)
 Surgical Research Society Meeting
 King's College, London, Jan 1997.
- Postprandial uncoupling of intestinal smooth muscle: Is it Insulin? (Mr K Pursnani)
 Surgical Research Society Meeting
 King's College, London, Jan 1997.
- The role of 'acid-burden' on acute experimental oesophagitis (Mr K Pursnani)

 Eurosurgery 1997

 Athens, Greece, June 1997.
- What is the aetiology of Globus sensation? (Mr K Pursnani)Eurosurgery 1997Athens, Greece, June 1997.
- Transjugular intrahepatic portosystemic shunt (TIPS) improves major haematological features of secondary hypersplenism (Mr K Pursnani) **Eurosurgery 1997, Athens, Greece, June 1997**.
- Diagnostic Minilaparoscopy under local anaesthesia (Video)]
 Eurosurgery 1997
 Athens, Greece, June 1997.

62 Management of intra-abdominal sepsis
Association of North West Intensive Care Units
Haydock, Nr Manchester, June 1997.

Good Buys/Bad Buys, New Development Pressures for 1998
University of Lancaster
Lancaster, June 1997.

Diagnostic Minilaparoscopy in the management of Acute Abdominal pain (Mr K Pursnani)

Tripartite Meeting of Surgical Research Society Nottingham, July 1997.

Laparoscopic Cholecystectomy under regional anaesthesia in patients with chronic respiratory disease. (Mr K Pursnani)

Association of Upper GI Surgeons Meeting

Leeds, September 1997.

66 Minilaparoscopy - techniques and applications.

Anglo-French Meeting Grange over Sands, October 1997.

Oesophagectomy - How I do it.

XXI International Ain Shams Medical Congress
Cairo, Egypt, March 1998.

68 Minilaparoscopy under local anaesthesia.

XXI International Ain Shams Medical Congress
Cairo, Egypt, March 1998.

69 Hepatic resection.

XXI International Ain Shams Medical Congress Cairo, Egypt, March 1998.

70 Fundoplication for gastro-oesophageal reflux disease.

Manchester Gut Club Low Wood Meeting, September 1998.

Developments in Surgery. Working with Clinicians **University of Lancaster, October 1998.**

72 The Astra Lecture - The Management of Gastro-Oesophageal Reflux Disease.

Annual Meeting of Association of Surgeons in Training

Manchester, November 1998.

73. Intra-abdominal sepsis.

Postgraduate Centre, Cumberland Infirmary, Carlisle, October 1999.

74 Management of Cancer of the gastro-oesophageal junction. **Seventh Biennial Cancer Conference**

Seventh Biennial Cancer Conference Multan, Pakistan, November 1999.

75 Management of abdominal sepsis.Dept of Microbiology, Royal Preston Hospital, April 2000.

- 76 Management of oesophago-gastric cancer; the way forward. Ribblesdale Cancer Unit, Royal Preston Hospital, May 2001. 77 Why be a doctor? Manchester Medical School Open Day. Manchester Medical School, June 2001. 78 Management of the pancreatic mass – is it tumour or not? Lancashire Gastroenterological Society, Preston, Sept 2001. 79 Management of upper GI cancer. Symposium on Upper GI Cancer, St. Catherine's Hospice, Preston, Nov 2001. 80 Biliary injuries Meeting of NW chapter of AUGIS, Wrightington, Nov 2001. 81 GORD: Suraical or Medical treatment? Astra Zeneca GORD Symposium, Manchester, March 2003. 82 Neo-adjuvant treatment of oesophageal adenocarcinoma. Regional Teaching Day for Gastroenterology SpRs, Chorley, April 2003. 83 Surgical Training in the North West. Association of Surgeons in Training Meeting, Manchester, Nov 2005. 84 Training in Surgical Oncology Annual DOG Meeting, Christie Hospital, Manchester, Dec 2005. 85. Laparoscopic Upper GI operations. Assoc of Surgeons in Training Laparoscopic Course, Edinburgh, Mar 2006. **NICE Work** 86 Symposium on NICE, Annual Assoc Coloproct GB & I Meeting, Newcastle, July 86 Peptic Ulcer Disease & GORD, O-G Cancer South Manchester MRCS Course, Manchester, Sept 2006. 87 Political Surgery: Employed Professionals or Professional Employees? Presidential Lecture, Manchester Medical Society, October, 2006. 88 Laparoscopic Surgery Talks Assoc of Surgeons in Training Laparoscopic Course, Leeds, Nov 2006. 89 Surgical Treatment of GISTs Meeting of the Lancashire & South Cumbria Cancer Network, Preston Nov 2006. 90 Oesophageal & gastric cancer Foundation Members Meeting, Chorley Sept 2007.
- 92 How to Pass the Part III Exam

 Roger Croton Surgical Meeting, Haydock, June 2008.

91

Biliary Injuries

Manchester Regional Association of Surgeons Meeting, Preston Oct 2007.

93	Dilemmas in the management of gastrointestinal Stromal tumours in "Imatinib era"- a surgeon's perspective Roger Croton Surgical Meeting, Haydock, June 2008.
94	Abdominal Trauma University of Manchester Medical School Scalpel Study Day, Preston June 2008.
95	How to deal with rejection or success How to get a Consultant job and succeed in your first year in post M60 Surgical Study Day, Manchester, July 2008.
96	The Importance of a Mentor How to get a Consultant job and succeed in your first year in post M60 Surgical Study Day, Manchester, July 2008.
97	Careers in Surgery Year 12 Event 2008 (Medicine/Dentistry), Chorley, July 2008.
98	Staging Investigations 1st Annual Study Day on Upper GI Cancers, Preston, February 2009.
99	Nuts & Bolts of the Part III Examination Roger Croton Surgical Meeting, Haydock, June 2009.
100	How to pass the Part III Examination Roger Croton Surgical Meeting, Haydock, June 2009.
101	The North West SpR/ST Teaching Programme RCS England Roadshow, the Christie Hospital, Manchester, November 2009.
102	A discrete choice experiment to elicit patient preferences for the surgical management of oesophagogastric cancer. Annual SARS Meeting, London, January 2010. (Presenter - S Thrumurthy)
103	Evolving management of gallbladder perforation – a single centre experience without mortality. AUGIS ALPS Conference, Italy, January 2010 (Presenter – A Karim)
104	Centralisation and training for O-G cancer surgery.
105	Manchester Regional Association of Surgeons Meeting, Chorley, April 2010. Minimally Invasive Oesophago-gastric Resection. 2 nd Annual Study Day on Upper Gl Cancer, April 2010.
106	The work of the CEA Subcommittee. Symposium on Clinical Excellence Awards, Royal Preston Hospital, Sept 2010.
107	Surgical case mix in Upper GI Clinic – a Survey. ASIT International Conference, Sheffield, April 2011 (Presenter – V Shetty)
108	The utility of magnetic resonance imaging in acute and acute-on-chronic abdominal pathology in young patients. AGBI International Conference, Bournemouth, May 2011 (Presenter – S Thrumurthy)
109	Early and midterm outcomes of self-expanding metal stents for the management of malignant gastroduodenal obstruction.

AGBI International Conference,	A Bournemouth,	May 2011	(Presenter - S
Thrumurthy)			

- New Directions in the Management of Oesophago-gastric cancer. **University of Oulu, Finland, March 2012.**
- 111 Challenging scenarios in oesophago-gastric surgery.
 University of Oulu, Finland, March 2012.
- Factors predicting extended length of stay following laparoscopic Nissen fundoplication: a move towards day case surgery.

 DDF, June 2012, Liverpool.
- Routine post-operative contrast swallows following anti-reflux surgery and hiatus hernia repair: selective use is preferred.

 DDF, June 2012, Liverpool.
- 114 Changing Cultures
 5th Annual UGI Cancer Study Day, Lancs & South Cumbria Cancer Network
 Preston, April 2013.
- "Re-potting"
 Advancing Surgical Standards in the North West
 Royal College of Surgeons meeting, Manchester, April 2013.
- Enhancing surgical teaching simulation and the virtual lecture theatre
 Advancing Surgical Standards in the North West
 Royal College of Surgeons meeting, Manchester, April 2013.
- The reconfiguration of upper GI cancer services: the national picture RCS Meeting on Emergency Surgery and Services Reconfiguration Conference Southampton, February 2014
- Oesophageal resection vs endoscopic therapy for high grade dysplasia in Barrett's oesophagus

 A multidisciplinary update on current hot topics in gastroenterology and gastrointestinal surgery, Royal Society of Medicine, March 2014
- Minimal invasive solutions for oesophageal perforation
 14th Bill Owen oesophago-gastric symposium,
 Royal College of Surgeons of England, April 2014
- 120 Coping with Change
 Inaugural Conference for New Consultants,
 Royal College of Surgeons of England, July 2014
- Why do we reconfigure and the impact of change?

 Regional Representatives Conference, RCS England, Nov 2014
- 122 Successful transformational change RCS Emergency Surgery Conference, RCS England, March 2015
- 123 Improving patient experience and outcomes for oesophagogastric cancer Inaugural lecture for Professorship, UCL, March 2015

124	Advances and challenges in oesophagogastric surgery Harold Ellis Symposium, Royal College of Surgeons, May 2015
125	Advances and challenges in oesophagogastric surgery The Sudanese Society of Gastroenterology, Khartoum, June 2015
126	What to do with the Boerhaave patient. Do you have a service? Grand Round: The perforated viscus, DDF, London, June 2015
127	Coping with Change RCS New Consultants Conference, Birmingham, June 2015
128	Improving cancer outcomes Annual Members Meeting, UCLH, July 2015
129	Management of gastro-oesophageal cancers British Nuclear Medicine Annual Meeting, Birmingham, April 2016
130	Aerodigestive fistulae Annual Meeting of the British Oesophageal Group, London, March 2017
131	Pursuing a career in Surgery RCSEd N of England Medical Students and Foundation Doctors National Surgical Research Symposium, Bradford, April 2017
132	Coping with Change RCS New Consultants Conference, London, June 2017
133	Improving services and outcomes for patients with Upper GI cancers UCLH Cancer Collaborative Centre for Cancer Outcomes data workshop, London, Apr 2018
134	Evolution of surgical practice and the NHS: what next? Manchester Regional Association meeting, Preston, April 2018
135.	Cancer MDTs: Time for change. UGI Study Day, Preston, May 2018
136.	Complications of chest drains. Chest Drain Insertion Masterclass, Chorley, June 2018
137.	Improving Sarcoma MDTs. British Sarcoma Group Study Day, London February, 2019
138.	MDT Streamlining Event. UCLH Cancer Collaborative Study Day, London, March 2019
139.	Transforming Services. SEHA Vascular Conference, Abu Dhabi, March 2019
140.	Causes and management of failed antireflux surgery. SurgiAlex2019 Meeting, Alexandria, Egypt, April 2019
141.	Centralisation of oesophago-gastric cancer surgery – benefits and drawbacks. SurgiAlex2019 Meeting, Alexandria, Egypt, April 2019

- 142. Catastrophic complications of UGI surgery.SurgiAlex2019 Meeting, Alexandria, Egypt, April 2019
- 143. MDT Improvement Examples and Learning.
 Maximising the benefits of MDT working, West of Scotland Cancer Network
 Glasgow, June 2019
- 144. Centralisation of OG Cancer Surgery What have we learnt & what next?

 10th Anniversary Meeting, Preston OG Cancer Centre, June 2019
- Catastrophic complications of upper GI surgery.
 4th Annual Jordanian Surgical Clinical Congress. American College of Surgeons Jordan Chapter, September 2019
- Causes and management of failed anti-reflux surgery.
 4th Annual Jordanian Surgical Clinical Congress. American College of Surgeons Jordan Chapter, September 2019
- 147. Centralisation of oesophagogastric surgery benefits and drawbacks. 4th Annual Jordanian Surgical Clinical Congress. American College of Surgeons Jordan Chapter, September 2019
- Coping with Change.New Consultants Conference, RCS England, September 2019
- 149. Oesophageal reconstruction Who? How? Where?Annual Meeting of the British Oesophageal Group, Manchester, March 2020
- 150. Impact of Covid on cancer pathways/outcomes and looking ahead at Phase II.British Institute of Radiology webinar. June 2020

AWARDS

I was awarded a Gold Clinical Excellence Award by the NHS in 2009 and I relinquished this in 2012.

'Living the Values' UCLH Excellence Award 2013/14.

MEMBERSHIP OF SOCIETIES

Manchester Medical Society

Royal College of Surgeons of England

Fellow of the Association of Surgeons of Great Britain & Ireland

Member of the Association of upper GI Surgeons

HOBBIES & INTERESTS

Long distance running – I have completed 19 Marathons in the last 20 years and raised over £20,000 for charity

Drawing & painting

Cookery

