



PROF. SALMAN YOUSUF GURAYA FRCS (Glasgow), Masters MedEd (Dundee)
Senior Laparoscopic Surgeon, Medical Educator, Research, Scholar, Senior Editor

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Scopus ID 56253028400

- Vice Dean College of Medicine and Professor of Surgery University of Sharjah UAE
- Head, Surgery Unit College of Medicine University of Sharjah UAE
- Minimally invasive general and colorectal surgeon
- Int'l Research Award World Top 2% Scientists, Stanford University USA 2020, 2021, 2022
- Faculty Colorectal and Transanal Surgery IRCAD Strasbourg France
- Leadership role in planning, organizing, and hosting accreditation visits in KSA and UAE
- UAE National Institute for Health Sciences (NIHS) Accreditation Surveyor
- Chairperson, Interprofessional Education and Practice Committee, University of Sharjah
- Director MSc. Masterclass Courses Emergency Surgery/Coloproctology University of East Anglia UK
- Director Emergency Medical Technicians Program for Emirati Citizens Ministry of Interior UAE
- Director Care of Critically Ill Surgical Patient (CCrISP) Royal College of Surgeons England
- Director Basic Surgical Skills Course (BSS) Royal College of Surgeons England
- Director Medical Professionalism Network Asia Chapter, Royal College of Surgeons Ireland
- Module lead Surgical Management of Diabetes Mellitus MSc in Diabetes Mellitus Program UoS
- Senior Editorial Board Member BMC Medical Education Journal (Springer Nature) UK
- Editor Frontiers in Surgical Oncology
- Founding Editor Advances in Biomedical and Health Sciences, Microscopy and Ultrastructure Journals
- Member, Asian Council of Scientific Editors
- Traveling Fellowship Award by the Royal College of Physicians & Surgeons Glasgow UK
- Award of National Talent Scholarships and Gold Medal Pakistan
- Leadership roles in clinical training and research, strategic planning, budgeting reforms
- Head KPI and strategic planning committee and Int'l branding collaboration, curriculum
- Examiner European Board of Surgery (FEBS), Dubai College for Girls United Arab Emirates
- Scholarships in technology-enhanced education, e-professionalism, surgical education
- Member University Central CAPEX Committee

Professional Qualifications

Honorary Fellowship European Board of Surgery	2022	UEMS Surgery Belgium
Masters Medical Education	2015	University of Dundee UK
PG Diploma Medical Education	2014	University of Dundee UK
PG Certificate Medical Education	2012	University of Dundee UK
Diploma in Laparoscopic Surgery	2009	University of Strasbourg France
FRCS	1996	Royal College of Physicians and Surgeons, Glasgow UK
MBBS	1989	King Edward Medical University Lahore Pakistan
BSc	1986	University of the Punjab Lahore Pakistan

- Accreditations**
- GMC UK No 5188563
 - Ministry of Health and Prevention UAE D48284
 - Pakistan Medical & Dental Council No. 18358-P
 - Saudi Council for Health Specialties 2002-R-S-050-8076

Current leadership roles and responsibilities

Academic leadership

- Assist and report to the Dean in running and managing the college affairs
- Stewardship for strategy planning, accreditation, key performance indicators, and audit
- Leadership role for the faculty, administrative and support staff
- Supervisory role in curriculum development, MedEd committees
- Lead role in hybrid education and technology-enhanced learning
- Oversee students' affairs, complaints and progress esp. academic advising and well-being
- Represent the college in the CAPEX central committee for the college annual budget
- Organize and develop programs for regional and Int'l scientific meetings for the college
- Enhance regional and Int'l collaboration between the college and potential partners
- Liaison with Ministry of Health and Dubai Health Authority UAE for academic and business partnerships

Clinical stewardship

- Develop, establish, and oversee best practices for clinical education and training
- Expand new national and Int'l clinical training sites and maintain existing partnerships
- Build relationships across regions to enhance mutual institutional collaborations
- Maintain and strengthen business relationships with affiliated hospitals and healthcare systems
- Visit affiliated locations on a scheduled basis to meet with clinical chairs and hospital directors for professional stewardships
- Lead the process of identification, recruitment of new and renewal of the existing adjunct clinical faculty
- Chief role in the faculty development program for the clinical and regular faculty
- Steering role in the preparation and conduct for accreditation visit/s
- Participate in committees and strategic planning retreats

Teaching and research

- Excellence in teaching UG and graduate medical students
- Developed and enriched a host of medical curricula with a focus on modern educational tools and contents
- Colorectal surgery, inter professional collaboration, surgical education, professionalism, academic integrity
- Lead investigator in national and Int'l cross-campus clinical and MedEd research
- Research grants and scholarships

Clinical services

- A practicing general and colorectal laparoscopic surgeon
- Surgical oncology, breast and endocrine surgery, trauma, MIS, and robotics
- A lead role in cross-campus surgical collaboration with UAE, Germany, Italy, and Saudi institutions

Postgraduate and Graduate Supervisor

- Director, Masterclass Courses MSc Colorectal Surgery and Emergency Surgery **University of East Anglia, Higher Education UK**
- **Director** BSS and CCrISP Courses **Royal College of Surgeons UK**
- Supervisor PhD Surgery (research arm) **University of Hamburg Germany** 2019 onwards
Dr. Jonas Herzberg “Minimally Invasive Colorectal and Visceral Surgery”
- Supervisor MSc Leadership in Health Professions Education **University of Sharjah UAE**
 1. Manal M. S. Badawi U17105793 2018-2019
“A plan of implementing an Academic Leadership Program for post graduate medical students”
 2. Khansa Abulrahim Mohammed Ali U18105512 2019-2020
“Developing an Education Program for Nurses about Effective Communication”
 3. Noura Salim Marzooq U 19102319 2020-21
“Assignment of Responsibility Project to Improve Communication and Safety of Patients”
 4. Director training courses for surgical residents, specialists and consultants by RCS England.
- Supervisor Masters in Health Profession Education **Shifa Tameer- e-Millat University Pakistan**
- Supervisor Community Based Research UG medical students CoM UoS
- Supervisor Postgraduate Surgery Affairs Taibah Univ 2011-2016

Editorial Appointments

- So far, as a journal editor and collaborative publisher, I have proposed and established four medical journals in the MENA region.
- Associate Editor/Senior Editorial Board Member, **BMC Medical Education** (Springer Nature) **since 2019**
- Associate Editor, **Frontiers in Surgical Oncology 2021 to date**
- Associate Editor, **Advances in Biomedical and Health Sciences** (Wolters Kluwer) **since 2021**
- Academic Editor **British Journal of Medicine & Medical Research UK** 2007-2009
- Founding Editor **Journal of Taibah University Medical Sciences KSA** (Elsevier) 2006-2021
- Founding Editor, **Advances in Biomedical and Health Sciences Journal** (Wolters Kluwer) **since 2021**
- Executive Editor **Journal of Microscopy and Ultrastructure (Elsevier)** 2011-2020
- Associate Editor **Biomedical and Pharmacology Journal India** 2015-2021
- Deputy Editor-in-Chief Editor **Education in Medicine Journal Malaysia** 2012-2016
- Editorial Board Member **World Journal of Gastrointestinal Surgery China**
Int'l reviewer World J of Surg, World J Surg Oncol, BMC Research Notes, BMJ, SMJ, Oncotarget

Professional Memberships

- Member, European Association of Science Editors (EASE) UK
- Member, Emirate Medical Association and Emirates Society of Colon and Rectal Diseases
- Member Association of Medical Education in Europe (AMEE), Dundee UK
- Member, World Association of Medical Editors, USA
- Joint Secretary, Society of Surgeons Pakistan Lahore Chapter
- Member, European Association of Endoscopic Surgery, Holland
- Executive committee, Pakistan Society of Bariatric and Metabolic Surgery

Professional Profiles and Accomplishments

- The Royal College of Surgeons UK Working Group Leadership Passport
- Member College Council, Promotion, Curriculum, MedEd committees CoM UoS
- Member Univ Central Committee for Int'l Rankings and Relations UoS 2018-2020

- Member Research Group in Bioinformatics UoS
- Member Scientific Committee Emirati German Congress UoS UAE
- Consultant Academic Promotions, Scientific Council Taibah Univ Saudi Arabia 2010-2017

Innovative Accomplishments, Program Development and Accreditation

1. Vast experience in Medical College and University Strategic Planning, Leadership roles in academics and administration, innovative initiatives using Technology enhanced Learning and Assessment.
2. At the University of Sharjah, as program director I played key role in **developing program curriculum and accreditation** of PG Diploma in Minimally Invasive Surgery and Professional Diploma of Emergency Medical Technicians (National Ambulance).
3. At University of Sharjah, I have incorporated several **modern educational strategies into the existing MBBS program** such as *case-based discussions, standardized patients teaching, e-portfolios, digital students response system, interprofessional education, flipped classroom, and effective feedback* during students advising sessions.
4. Development and enrichment of the **website of CoM** with more contents, interactive features, and adjunct clinical faculty platforms. Now all clerkships' curricula, clinical faculty profiles, timetables, and learning resources are available online for students and faculty.
5. A **founding editor of the Advances in Biomedical and Health Sciences**.
6. Developed several **faculty development courses and programs** for the academic and clinical faculty.
7. I developed a **unique online system** for the peer review promotions process of the academic staff of Taibah University. This involves invitations, editorial management process, and decisions by the national and Int'l referees through an integrated and dynamic system. This system has significantly promoted the review and decision-making processes of academic promotions by the scientific council of Taibah University.

Career Profile

Current Appointment

19.02.2017 to date **Vice Dean CoM and Professor of Surgery, Head Surgery Unit**
 College of Medicine University of Sharjah UAE
 Visiting Surgeon NMC Royal Hospital Sharjah UAE

Previous Appointments

3.9.2011 to 18.2.2017 **Professor of Surgery, Consultant Surgeon, Deputy Chairman of Surgery Deptt.**
 College of Medicine Taibah University Ministry of Education
 Madina Saudi Arabia

06.10.2008-3.9.2011 **Associate Professor of Surgery and Consultant Surgeon**
 College of Medicine Taibah University Ministry of Education
 Madina Saudi Arabia

11.09.2006-05.10.2008 **Assistant Professor Surgery and Consultant Surgeon**
 College of Medicine Taibah University Ministry of Education
 Madina Saudi Arabia

29.05.2006-10.09.2006 **Consultant Surgeon**
 Naz Hospital Lahore

11.07.2002-28.05.2006 **Specialist Surgeon and Honorary Assistant Professor Surgery**
 College of Medicine & King Khalid Univ Hospital
 King Saud University, Riyadh Saudi Arabia

20.02.2006 – 06.03.2006 **Consultant Surgeon**

29.03.2005 – 18.04.2005	National Hospital Riyadh Saudi Arabia Clinical Attachment Surgery Leicester Royal Infirmary Leicester UK
11.08.1998 - 25.07.2002	Consultant Surgeon Naz Hospital Lahore
11.08.1998 – 25.07.2002	Senior Registrar Surgery Jinnah Hospital, Allama Iqbal Med College Punjab University Lahore
04.02.98 – 04.08.98	Senior SHO General Surgery Glenfield Hospital Leicester UK
06.08.97 – 03.02.98	Senior SHO Cardiothoracic Surgery Glenfield Hospital Leicester UK
05.02.97 – 05.08.97	Senior SHO General Surgery Leicester Royal Infirmary Leicester UK
01.11.96 – 04.02.97	SHO General and Vascular Surgery Leicester Royal Infirmary Leicester UK
19.08.96 – 27.09.96	Clinical Assistant Surgery Leicester General Hospital Leicester UK
26.06.96 – 06.08.96	SHO General Surgery Leicester General Hospital Leicester UK
22.07.95 – 16.06.96	Resident Medical Officer Naz Hospital and Medical Complex Lahore
24.11.94 – 21.07.95	Resident Medical Officer Plastic & Reconstructive Surgery/Burn Unit Mayo Hosp
26.04.94 – 23.11.94	Resident Medical Officer Orthopedics Mayo Hospital Lahore Pakistan
11.04.93 – 25.04.94	Resident Medical Officer General Surgery Mayo Hospital Lahore
26.09.92 – 10.04.93	Resident Medical Officer Accident/Emergency Mayo Hospital Lahore
20.12.90 – 25.09.92	Incharge Medical Officer Surgery/Medicine Basic Health Unit Lahore
07.06.90 – 29.11.90	Resident Medical Officer Cardiology & CCU Mayo Hospital Lahore
01.12.88 – 31.12.89	Intern Medicine/Neurology, Surgery/Urology Mayo Hospital Lahore

Research Publications

Throughout my career I have been actively involved in research projects both retrospective and prospective, most of which I have personally set up and completed. The paucity of research funding and institutional support demanded extra efforts to publish most of the articles.

2022

1. Nihar Ranjan Dash, Ahmed Alrazzak Hasswan, Jacqueline Maria Dias, Natasya Abdullah, Mohamed Ahmed Eladl, Khaled Khalaf, Ajmal Farooq, **Guraya SY**. The educational use of social networking sites among medical and health sciences students: A cross campus interventional study. **BMC Medical Education 2022; 22:525**
<https://doi.org/10.1186/s12909-022-03569-3>.

2. Jonas Herzberg, Bastian Fischer, Heiko Becher, Ann-Kristin Becker, Human Honarpisheh, **Guraya SY**, Tim Strate, Cornelius Knabbe. Short-Term Drop in Antibody Titer after the Third Dose of SARS-CoV-2 BNT162b2 Vaccine in Adults. **Vaccines** **2022**, 10, 805. <https://doi.org/10.3390/vaccines10050805>.
3. Hasan Aladraj, Mohamed Abdulla, **Guraya SY**, Shaista Guraya. Health-Related Quality of Life of Patients Treated with Biological Agents and New Small-Molecule Drugs for Moderate to Severe Crohn's Disease: A Systematic Review. **J. Clin Med** **2022**, 11, 3743. <https://doi.org/10.3390/jcm11133743>.
4. Khuloud Bajbouj1, Abeer Al-Ali, Jasmin Shafarin, Lina Sahnoun, Ahmad Sawan, Ahmed Shehada, Walaeldin Elkhalifa, Maha Saber-Ayad, Jibrán Sualeh Muhammad, Adel B. Elmoselhi, **Guraya SY**, and Mawieh Hamad. Vitamin D Exerts Significant Antitumor Effects by Suppressing Vasculogenic Mimicry in Breast Cancer Cells. **Frontiers in Oncology** **2022**; doi: 10.3389/fonc.2022.918340.
5. Fadi Alnehlou, Mohammad Nazih Alsarraj, Zuheir Malaki, **Guraya SY**. The effectiveness and quality of life outcomes by transoral endoscopic vestibular thyroidectomy using intraoperative indocyanin green fluorescence imaging and neuromonitoring—a cohort study. **Healthcare MDPI** **2022**.
6. Jonas Herzberg, Bastian Fischer, Heiko Becher, Ann-Kristin Becker, Human Honarpisheh, **Guraya SY**, Tim Strate and Cornelius Knabbe. Short-Term Drop in Antibody Titer after the Third Dose of SARS-CoV-2 BNT162b2 Vaccine in Adults. **Vaccines** **2022**, 10, 805. <https://doi.org/10.3390/vaccines10050805>.
7. Shaista Salman Guraya, Muhamad Saiful Bahri Yusoff, Fiza Rashid-Doubell, Denis W. Harkin, Suhail H. Al-Amad, Salim Fredericks, Mouhammad Omar O. Halabi, Natasya Abdullah, Hatem Moussa, Saad Imad Yousef Mallah, Jessica Atef Nassef Sefen, Heba Khalid A. Rahman Mohamed Ishaq AlKoheji, Manal Ebrahim Ali Althawadi, Lana Abdulsalam Alabbasi, Mohd Zarawi Mat Nor, Farida Reguig, **Guraya SY**. Changing Professional Behaviors in the Digital World Using the Medical Education e-Professionalism (MEeP) Framework—A Mixed Methods Multicentre Study. **Frontiers in Medicine** **2022**. doi: 10.3389/fmed.2022.846971.
8. Shorbagi S, Sulaiman N, Hasswan A, Kaouas M, Al-Dijani MM, El-hussein RA, Daghistani MT, Nugud S, **Guraya SY**. Assessing The Utility and Efficacy of e-OSCE Among Undergraduate Medical Students During The COVID-19 pandemic. **BMC Medical Education** **2022**; 22: 156
9. Jonas Herzberg, Shahram Khadem, **Guraya SY**, Tim Strate, Human Honarpisheh. Intraoperative colonic irrigation for low rectal resections with primary anastomosis: A fail-safe surgical mode. **Frontiers in Surgery** **2022**. DOI: 10.3389/fsurg.2022.821827
10. J. Herzberg, R. Jennen, S. **Guraya SY**, T. Strate, S. Khadem. A fail-safe multimodal approach for minimizing the risk of anastomotic leakage in oncological colorectal surgery. **Peri-operative Medicine** **2022**.
11. Jonas Herzberg, Sharam Khadem, Valentin Begemann, Tim Strate, Human Honarpisheh, **Guraya SY**. Quality of life in patients with rectal resections and end-to-end primary anastomosis using a standardized perioperative pathway. **Frontiers in Surgical Oncology** **2022**. doi.org/10.3389/fsurg.2021.789251.
12. **Guraya SY**. The evolving landscape of digital health using big data analytics for personalized healthcare. **Adv Biomed Health Sci** **2022**; 1:5-6.

2021

13. Jonas Herzberg, Tanja Vollmer, Bastian Fischer, Heiko Becher, Ann-Kristin Becker, Human Honarpisheh, **Guraya SY**, Tim Strate, Cornelius Knabbe. SARS-CoV-2-antibody response in health care workers after vaccination or natural infection in a longitudinal observational study. **Vaccine** **2021**. <https://doi.org/10.1016/j.vaccine.2021.11.081>.
14. Shaista Salman Guraya, **Guraya SY**, Denis W. Harkin, Áine Ryan, Mohd Zarawi bin Mat Nor & Muhamad Saiful Bahri Yusoff. Medical Education e-Professionalism (MEeP) framework; from conception to development, **Medical Education Online** **2021**, 26:1, 1983926, DOI: 10.1080/10872981.2021.1983926
15. Jonas Herzberg, Tim Strate, **Guraya SY**, Human Honarpisheh. Risk factors for anastomotic leakage after surgical resections for esophageal cancer. **Langenbeck's Archives of Surgery** **2021**. <https://doi.org/10.1007/s00423-021-02139->
16. Fadi Alnehlou, **Guraya SY**. Transoral and submental thyroidectomy using intraoperative nerve stimulation and indocyanin green fluorescence imaging. **BMJ Case Reports** **2021**; 14 (8): e243306.

17. Herzberg J, Vollmer T, Fischer B, Becher H, Becker AK, Sahly H, Honarpisheh H, **Guraya SY**, Strate T, Knabbe C. Half year longitudinal seroprevalence of SARS-CoV-2-antibodies and rule compliance in German hospital employees. **Int'l J of Environmental Research and Public Health** 2021; 18, 10972.
18. **Guraya SY**. Artificial intelligence, virtual reality and robotics in colorectal surgery using master-class innovations. **Khyber Univ Med J** 2021; 13(2):51-3.
19. Antonello Forgiione, **Guraya SY**, Michele Diana, Jacques Marescaux. Intraoperative and Postoperative Complications in Colorectal Procedures: the role of the continuous updating in Medicine. **Minerva Surgery** 2021, May 4.
20. Guraya SS, **Guraya SY**, Yusoff MS. Preserving professional identities, behaviors, and values in digital professionalism using social networking sites; a systematic review. **BMC medical education**. 2021 Dec;21(1):1-2.
21. Prianna Menezes, Shaista Guraya, **Guraya SY**. A systematic integrative review of educational interventions and their impact on empathy and compassion of undergraduate medical students. **Frontiers in Medicine** 2021
22. Nabil Sulaiman, Youssef Rishmawy, Amal Hussein, Maha Saber-Ayad, Hamzah Alzubaidi, Sausan Al Kawas, Hayder Hasan, **Guraya SY**. A mixed methods approach to determine the climate of interprofessional education among medical and health sciences students. **BMC Medical Education** 21; Dec 20 (1): 1-3 .
23. Mona Faisal Al-Qahtani, Reem Maher Nasser, Leena Abdul Monem Alhusari, Sara Atef Mahmoud, Sarah Safwan Gharaibeh, Amir Ali Khan, Shaista Manzoor, Saeed Shafi, **Guraya SY**. Interprofessional Education and Collaboration: A cross sectional study of perspectives of undergraduate medical students in United Arab Emirates and Kingdom of Saudi Arabia. **Journal of Clinical and Diagnostic Research** 2021.
24. Nabil Sulaiman, Sarra Shobagi, **Guraya SY**. End of clerkship e-OSCE in the era of Covid-19: Challenges and opportunities. **Submitted BMC Medical Education** 2021.
25. Shorbagi S, Sulaiman N, Hasswan A, Kaouas M, Al-Dijani MM, El-hussein RA, Daghistani MT, Nugud S, Guraya SY. Evaluating the feasibility and effectiveness of e-OSCE in the COVID-19 era. **Submitted BMC Medical Education**.
26. J Herzberg, RM Jenner, S Falck, T Strate, **Guraya SY**, S Khadem. Intraoperative colonic irrigation for laparoscopic low rectal resections with primary anastomosis: A fail-safe surgical model. **BMJ Perioperative Surgery** 2021

2020

27. Herzberg J, GM Corradini, C Seydewitz, **Guraya SY**, T Strate, Homanpisheh. Malignant triton tumor of the rectum— a case report and review of the literature. **Int'l J Surg Case Reports** 2020.
<https://doi.org/10.1016/j.ijscr.2020.10.027>
28. Riyad Bendaraf, Fatemeh Saheb Sharif-Askari, Narjes Saheb Sharif –Askari, **Guraya SY**, Sawsan A. AlMadhi, Salah Abusnana. The prevalence and clinicopathological features of breast cancer in Northern Emirates. **Int'l J of Women's Health** 2020; 12: 893–899.
29. **Guraya SY**. Transforming laparoendoscopic surgical protocols during the COVID-19 pandemic; big data analytics, resource allocation and operational considerations. **Int J Surgery** 2020; 80: 21-25
30. Khoshhal SQ, **Guraya SY**. Do teaching styles of medical faculty match with learning styles of their students? A cross-sectional observational study. **Accepted Medical Teacher** 2020.
31. **Guraya SY**, Alqahtani, Guraya S. Developing a framework of simulation based medical education curriculum for effective learning. **European Journal of Anatomy** 2020; 24 (4): 323-31.
32. **Guraya SY**, Nabil Sulaiman, Shaista Salman Guraya, Muhamad Saiful Bahri Yusoff, Nurhanis Syazni Roslan, Maha Al Fahim, Dima Abdelrehman, Saad Khoshhal. Comparing the understanding of medical professionalism by Emirati, Saudi and Malaysian medical students. **Innovations in Education and Teaching Int'l** 2020; 1-11.
33. **Guraya SY**, Kotachi R, Dash N. Developing a framework of leadership in academic medicine (FLAM). In progress
34. **Guraya SY**, Strate T. Surgical outcomes of laparoscopic sleeve gastrectomy and Roux-en-Y gastric bypass for resolution of type 2 diabetes mellitus. **World J Gastroenterol** 2020 Feb 28; 26 (8): 865.
35. Abdulla ME, Guraya SY. Determining the effectiveness of peer-assisted learning in medical education: A systematic review and meta-analysis. **J Taib Univ Med Sc** 2020; 15 (3): 177-184
36. Herzberg J, Honarpisheh H, Zimmer R, **Guraya S**, Strate T. Feasibility and safety profile of posterior retroperitoneoscopic adrenalectomy in high-risk patients—a retrospective analysis. **Int J Surgery** 2020 Jan 1; 74: 101-5.

2019

37. Sharif-Askari NS, Sharif-Askari FS, **Guraya SY**, Bendardaf R, Hamoudi R. Integrative Systematic Review Meta-analysis and Bioinformatics Identifies MicroRNA-21 and its Target genes as Biomarkers for Colorectal Adenocarcinoma. **Int J Surg** 2019; 73: 113-22.
38. Herzberg J, Niehaus K, Holl-Ulrich K, Honarpisheh H, **Guraya SY**, Strate T. Giant retroperitoneal liposarcoma: A case report and literature review. **J Taib Univ Med Sc** 2019; 14 (5): 466-71.
39. **Guraya SY**, Mona Faisal Al-Qahtani, B Bilal, Shaista Guraya, Hamdi Almaramhy. Medical student perspectives on the application of social media in higher education. **Psychology Research and Behavior Management** 2019;12; 753–754
40. Al-Qahtani MF **Guraya SY**. Comparison of professional behaviours of medical students from four GCC universities in single-gender and co-educational learning climates. **The Open Nurs J** 2019; 15;13 (1)
41. **Guraya SY**, Strate Tim. Effectiveness of laparoscopic Roux-en-Y gastric bypass and sleeve gastrectomy for morbid obesity in achieving weight loss outcomes. **Int'l J Surgery** 2019; 70: 35-43
42. **Guraya SY**, Mona Faisal Al-Qahtani, B Bilal, Shaista Guraya, Hamdi Almaramhy. Comparing the extent and pattern of use of social networking sites by medical and non-medical university students: a multi-center study. **Psychology Research and Behavior Management** 2019;12; 575–584
43. **Guraya SY**. Using telementoring and augmented reality in surgical specialties. **J Taib Univ Med Sc** 2019; 14 (2): 101-102
44. **Guraya SY**. The pattern, stage and time of recurrent colorectal cancer after curative surgery. **Clinical Colorectal Cancer** 2019. 18 (2): 223-8.
45. **Guraya SY**. The prevalence and evolving risk factors for colorectal cancer in the Arab world. **Biomedical and Pharmacol J** 2018; 11 (4): 1773-1780
46. **Guraya SY**, Walther VM, Khoshhal KI. Failure of faculty to fail failing medical students: fiction or actual erosion of professional standards? **J Taib Univ Med Sc** 2019; 14 (2): 103.
47. Sulaiman N, **Guraya SY**, Hassawan A. Mapping the perceptions of trainees for promoting surgical competence at the Sharjah Clinical Training Center. **J Taib Univ Med Sc** 2019. 14 (1): 31-38
48. Antonello Forgione, **Guraya SY**. Surgical education and training for emergency surgery and surgical specialties. Book Chapter © **Springer International Publishing AG, Springer Nature 2019.**; 3-10

2018

49. **Guraya SY**, Maramhy H. Mapping the factors that influence career specialty preferences by the undergraduate medical students. **Saudi J Biomed Sc** 2018; Sep 1;25(6):1096-101
50. Maramhy H, **Guraya SY**. Perceptions of students about unprofessional behaviors by medical faculty. **Accepted Medical Teach** 2018
51. **Guraya SY**, Almaramhy H, Al-Qahtani M, Salman S, Bouhaimed M, B Bilal. Measuring the extent and nature of use of Social Networking Sites in Medical Education (SNSME) by university students: Results of a multi-center study. **Med Educ Online** 2018; 23:1, 1505400
52. **Guraya SY**, Guraya S, Habib F, Alquiliti K, Khoshhal. Medical students' perception of test anxiety triggered by different assessment modalities. **Medical Teacher** 2018; 40 (1): S49-55
53. **Guraya SY**, Khoshhal. Why the research productivity of medical faculty declines after attaining professor rank? A multi-center study from Saudi Arabia, Malaysia and Pakistan. **Medical Teacher** 2018; 40 (1): S83-89
54. **Guraya SY**. Prognostic significance of circulating microRNA-21 expression in esophageal, pancreatic and colorectal cancers; a systematic review and meta-analysis. **International Journal of Surgery** 2018; 60: 41-47.
55. **Guraya SY**. Comparing recommended sanctions for lapses of academic integrity using Dundee Polyprofessionalism Inventory from a Saudi and a UK medical school. **J Chin Med Ass** 2018; 81 (9): 787-95.
56. Almaramhy H, **Guraya SY**, Fallatah K, Al-Ahmadi B, Al-Alawi H. The correlation of fasting blood glucose levels with the severity of diabetic foot ulcers and the outcome of treatment strategies. **Biomedical and Pharmacol J** 2018; 29 (9): 1961-67
57. **Guraya SY**. The changing landscape of surgical education and training. **Journal of Musculoskeletal Surgery and Research** 2018; 2 (1): 1-
58. **Guraya SY**, Hugh Barr. The effectiveness of interprofessional education in healthcare: A systematic review and meta-analysis. **Kaoh J Med Sc** 2018; 34; 160-65
59. **Guraya SY**. The paradigm of technological innovations from open to scarless surgery for colorectal cancer. **Mid East J Cancer** 2018; 9 (1): 1-4

2017

60. B Bilal, **Guraya SY**, Songsheng Chen. The impact and effectiveness of faculty development program in fostering the faculty's knowledge, skills, and professional competence: A systematic review and meta-analysis. **Saudi J Biolog Sc 2017**. 26 (4): 688
61. Elhassan YH, **Guraya SY**, Almaramhy H. The prevalence, risk factors, and outcome of surgical treatment of acute perianal abscess from a single Saudi hospital. **Biosci Biotech Res Asia 2017**; 14 (1): 153-59
62. **Guraya SY**. The association of vitamin D deficiency with colorectal cancer: A wake-up call for physicians and health authorities. **Middle East J Cancer 2017**; 8 (2): 65-68
63. **Forgione A, Guraya SY**. The cutting-edge training modalities and educational platforms for accredited surgical training: A systematic review. **J Res Med Sc 2017**; 22: DOI 10.4103/jrms.JRMS_809_16
64. Khalid I. Khoshhal, Gamal A. Khairy, **Guraya SY**, Shaista S. Guraya. Exam anxiety in the undergraduate medical students of Taibah University. **Med Teacher 2017**; 39: S22-26.
65. Colombo F, Sampogna G, Cocozza G, **Guraya SY**, Forgione A. Regenerative medicine: Clinical applications and future perspectives. **J Microscopy and Ultrastructure 2017**; 5 (1): 1-8. (1): 1-8
66. **Guraya SY**. The current guidelines and recommended protocols for screening colorectal cancer. **Biomedical and Pharmacol J 2016**; 9 (3): 957-66.
67. Al-Qahtani Mona, **Guraya SY**. Measuring the attitudes of healthcare faculty members towards interprofessional education in KSA. **J Taibah Univ Med Sc 2016**: 11 (6): 586-593
68. **Guraya SY**, Guraya S. The confounding factors leading to plagiarism in academic writing and some suggested remedies: A systematic review. **J Pak Med Assoc 2017**; 67 (5): 767-772

2016

69. **Guraya SY**, Norman R, Khoshhal K, Guraya S, Forgione A. Publish or perish mantra in the medical field: A systematic review of the reasons, consequences and remedies. **Pak J of Med Sc 2016**: 32 (6): 1562-1567
70. **Guraya SY**. The pedagogy of teaching and assessing clinical reasoning for enhancing the professional competence: A systematic review. **Biosci Biotech Res Asia 2016**; 13 (3): 1859-66
71. Khoshhal KI, **Guraya SY**. Leaders produce leaders and managers produce followers; Standard setting in physicians' leadership. **Saudi Med J 2016**; 37 (10): 1061-1067
72. **Guraya SY**. The case of transplanting PBL in the Gulf Cooperation Countries: an ominous rejection. **J Med Education 2016**; 20: 73-81
73. **Guraya SY, Salman S, Almaramhy HH**. The legacy of teaching medical professionalism for promoting professional practice: A systematic review. **Biomedical and Pharmacol J 2016**; 9 (2): 809-817
74. **Guraya SY**, Roff Sue, Norman Bob. Exploring the climates of undergraduate professionalism in a Saudi and a UK medical school. **Medical Teacher 2016**; 38 (6): 630-632
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Book Chapters

153. Antonello Forgione, **Guraya SY**. Surgical Education and Training for Emergency Surgery and Surgical Specialties. **Springer International Publishing AG, part of Springer Nature 2018**.
154. **Guraya SY**. The framework of PBL in modern medical education. **Medical education Publishers 2018**.
155. Sheweita SA, **Guraya SY**, Murshid KR. Antioxidants and laparoscopic surgeries. **Springer-Verlag Berlin Heidelberg 2013**.

Funded National and International Research Grants

1. Assessing the role of express team-based learning (e-TBL) in medical education. A joint research project between RCSI Dublin, RCSI Bahrain, University of Sharjah. Co-investigator. **Competitive Int'l grant. 200,0000 Euros**.
2. Incidence, pattern and timing of recurrence of colorectal cancer after curative surgery. **Principal investigator. Competitive Grant Univ of Sharjah 1801090245-2018-19**
3. Comparing the perceptions of medical students about interprofessional education and practice. **Principal investigator. Seed Grant Univ of Sharjah 1801090232-P- 2018-19**.
4. Biochemical studies on alleviating the oxidative stress injury in laparoscopic cholecystectomy. **External Funded Grant No. 487/430. Principal Investigator. 2009 to 2012**

5. The Use of abdominal binders to reduce the incidence of post-operative seroma formation after laparoscopic mesh repair of ventral hernias. **Funded Grant No. 256/429. Principal Investigator. 2013-16**
6. Stapled versus Milligan-Morgan hemorrhoidectomy: a multi-center, prospective, randomized, and controlled trial. **Funded Grant No. 430/743. Principal Investigator. 2010-12**
7. A double blind, placebo, controlled, multicenter, clinical study to investigate the efficacy and safety of Somatulin depot (Lanreotide) injection in the treatment of Carcinoid syndrome. **Principal Investigator. 2014-16**
8. The correlation of *H. pylori* with gallstones. **Funded Grant No. 6001/14. Principal investigator. Sept 2014 to August 2015**

Academic, Teaching, and Clinical Experience

Working at the College of Medicine University of Sharjah UAE as Vice Dean and Head of Surgery Unit I am entrusted with the responsibilities of overseeing the surgical rotations of 4th and 5th year medical students in a PBL curriculum. Working in teams, I've developed strategic plans, curricular interventions and reforms, assessment technologies, e-learning platforms, and accreditation roles in the college. I am also providing my input for the curriculum revision and more integrated strategies in the delivery of curriculum and in assessment modalities. In addition, I am entrusted with leadership and administrative roles for the college students and faculty. I am doing clinics and general surgery procedures of varying magnitude in Zulekha Hospital Sharjah. I can perform all laparoscopic surgery procedures for colorectal, hepatobiliary and bariatric surgery.

At the medical college of Taibah University, as an educators and teaching faculty, I was actively involved in the delivery of **the University of Manchester competency based PBL curriculum** that includes small group teaching, case based discussions, PBL tutor, case writing, assessment, **Early Clinical Examination (ECE), Personal Excellence pathways (PEP), Portfolios, Clinical Reasoning**, and the delivery of such theoretical and clinical instructional strategies. I have been delegated to lead various committees in revising and applying interventions in programs and course contents. I am head of assessment committee and have been able to run OSCE since 10 years. My experience and expertise includes PBL teaching and assessment, simulation, professionalism, and surgical education.

As a consultant surgeon with special interest in colorectal surgery, I am registered as consultant surgeon with the Saudi Commission for Health Specialties since 2006, I did weekly clinics and OR with all kind of open and laparoscopic surgery for breast and endocrine, colorectal, and hepatobiliary ailments. I am capable of independently performing all general surgical procedures of major magnitude. My key research that came from clinical activities is the role of Vit. D as a chemoprotective agent in breast and colorectal cancer, role of antioxidants in preventing lung injury during laparoscopic surgery, *H. Pylori* in pathogenesis of gallstones, telementoring colorectal surgery program with my Italian colleagues from the AIMS Academy Italy, and the introduction of several accredited surgical education programs.

Int'l Research and Collaboration

I've been instrumental in developing an Int'l group of researchers for world-class collaborative research. This includes collaboration with the Academic Hospitals in Hamburg Germany, IRCAD France, AIMS Academy Milan Italy, University of Leicester UK, University Sains Malaysia, University of East Anglia UK, and University of Hamburg Germany. I've already accomplished and published research about telementoring colorectal surgery, surgical educational strategies, diverticular disease, high/low tie for left-sided colorectal cancer, and polyprofessionalism from this forum.

Administration, Quality and Accreditation Experience

Working as Vice Dean College of Medicine I have a wealth of administrative roles where I oversee faculty, students and administrative staff for the smooth delivery of mission of the college. As head of surgery unit, I am responsible to organize year 4 and 5 surgery courses, assessment, interventions and administration.

My experience as editor of several Int'l journals and at the Scientific Council of Taibah Univ have significantly fostered my leadership, academic, and administrative skills. Since 2010, I am serving as consultant to the permanent committee for academic promotion Taibah University. Here, I developed a state-of-the-art online peer review system for evaluations of applicants' research portfolios by the national and Int'l referees. As Professor of Surgery and Consultant Surgeon, I have exceptional administrative experience in organizing the unit activities, interviews for the postgraduate candidates, mentoring and supervisory roles, curriculum interventions, simulation and assessment, and e-platforms for teaching and learning.

As Consultant Surgeon and Senior Registrar, I have organized the admissions for all the elective cases and managed the waiting lists on the firms I have worked for. At Jinnah Hospital & Allama Iqbal Medical College Lahore, I was an active member of the Institutional Trauma Management Committee and played an integral role to develop the Hospital Based Practice Program, unit managerial tasks.

Being the Joint Secretary of the Society of Surgeons Pakistan, the largest elected forum of specialist surgeons in the country, I further extended my experience of time and people management by organizing national and international conferences and by delivering lectures on current issues.

Conferences, Symposia and Supervision of Training Courses

Director of Professional Courses Royal College of Surgeons England

1. **26-27 Oct 2022 Director** Care of Critically Ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
2. **14-15 Sept Director** Intercollegiate Basic Surgical Skills (**BSS**) course by **RCS Univ of Sharjah UAE**
3. **1-2 June 2022 Director** Intercollegiate Basic Surgical Skills (**BSS**) course by **RCS Univ of Sharjah UAE**
4. **25-26 May 2022 Director** Care of Critically Ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
5. **23-24 Feb 2022 Director** Intercollegiate Basic Surgical Skills (**BSS**) course by **RCS Univ of Sharjah UAE**
6. **19-20 Jan 2022 Director** Care of Critically Ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
7. **8-9 Dec 2021 Director**, Intercollegiate Basic Surgical Skills (**BSS**) course by **RCS Univ of Sharjah UAE**
8. **21-21 Sept 2021 Director**, Intercollegiate Basic Surgical Skills (**BSS**) course by **RCS Univ of Sharjah UAE**
9. **16-17 June 2021, Director** Care of Critically Ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
10. **9-10 June 2021 Director**, Intercollegiate Basic Surgical Skills (**BSS**) course by **RCS Univ of Sharjah UAE**
11. **27-28 Feb 2020 Director** Care of Critically Ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
12. **17-18 Oct 2019 Director** Care of Critically ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
13. **March 2019 Co-Director** Care of Critically ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
14. **Feb 2019 Co-Director** Care of Critically ill Surgical Patient (**CCrISP**) by **RCS Univ of Sharjah UAE**
15. **6-7 Dec 2018 Co Director** Intercollegiate Basic Surgical Course (**BSS**) by **RCS Univ of Sharjah UAE**
16. **27-28 Sept 2018 Faculty** Intercollegiate Basic Surgical Course (**BSS**) by **RCS Univ of Sharjah UAE**
17. **28-29 Sept 2017** Intercollegiate Basic Surgical Course (**BSS**) Observer by **RCS Univ of Sharjah UAE**

Speaker/Chairperson National and Int'l Conferences and Supervision of Masterclass Training Courses

18. **21st Nov 2022 Speaker** Transoral vestibular thyroidectomy **Emirati German Conference UoS UAE**
19. **5th Nov 2022** Objective assessment for colorectal surgery outside of the OR **IRCAD Strasburg France**
20. **4th Nov 2022 Keynote speaker** Research profiling in academics **University of Lahore Pakistan**
21. **27th August 2022 Keynote speaker** Goals and expectations of clinical training **ToT UoS UAE**
22. **8 April 2022 Chairperson** Medical Professionalism Int'l Conference **Royal College of Surgeons Dublin Ireland**
23. **7 April 2022 Keynote Speaker** Interprofessional Education **Royal College of Surgeons Dublin Ireland**
24. **3 April 2022 Keynote Speaker** Clinical Training in the Modern World **Cambridge Univ UK**
25. **15 March 2022 Chief Organizer Int'l conference and Keynote Speaker** Advancing healthcare systems with IPE
26. **24-26 Jan 2022** Digital health using robotics and AI for patient safety **UoS Leadership Forum**

27. **12 Feb 2022** Principles of clinical training; how to meet learners' expectations **FDP program UoS**
28. **5th Feb 2022** Colonic irrigation to reduce anastomotic leak in colorectal surgery **Surg Oncol Soc Pakistan**
29. **24 Jan 2022** Digital health using robotics and artificial intelligence for patient safety **Keynote speech UoS**
30. **18 Jan 2022** Impact of COVID-19 on resilience of healthcare professionals **Keynote speech UoS**
31. **Chairperson**, Scientific committee clinical track **8th Emirati German Conference 21-22 Nov 2021**
32. **7-8 July 2021**, Advanced Robotic Surgery Course, **American Hospital Dubai UAE**
33. **2-3 Feb 2021 Keynote speaker** Effective clinical teaching and assessment **ToT Dubai Health Authority UAE**
34. **28 Oct 2020 Keynote speaker** Reshaping clinical skills of healthcare professionals **Univ of Sharjah UAE**
35. **23rd April 2021** Speaker Medical Professionalism and the Pandemic **The Royal College of Surgeons Ireland**
36. **15th Jan 2020** Medical Education Strategy Formulation Workshop **Ministry of Health and Prevention UAE**
37. **30-31 Jan 2020 Director**, Core Principles in Laparoscopic Surgery **CTC Univ of Sharjah UAE**
38. **18-19 Nov 2019 Keynote Speaker** Skyline University UAE "Digitalization in the volatile, uncertain, and ambiguous world".
39. **3-4 Nov 2019 Chairperson** Scientific Session, **7th Emirati German Congress Univ of Sharjah UAE**
40. **3-4 Nov 2019** Member organizing/scientific committees **7th Emirati German Congress Univ of Sharjah UAE**
41. **1-2 Nov 2019 Director**, Core Principles in Laparoscopic Surgery at **CTC Univ of Sharjah UAE**
42. **25-26 Feb 2019** Oral presentation **Obesity 2019 in Rome Italy**. Comparing the effectiveness of sleeve gastrectomy with roux-en-y bypass surgery for weight loss and obesity control
43. **18-21 Nov 2018** member organizing and scientific committees **2nd Int'l Emirati German Conference**
44. **18-21 Nov 2018** presentation **6th Int'l Emirati German Conference** Sleeve gastrectomy or roux-en-y bypass surgery for better obesity control?
45. **11-12 Oct 2018** UAE Cancer Congress **Dubai UAE**
46. **26-28 Nov 2017 5th Int'l Emirati German Conference** Recurrence of colorectal cancer after curative open and laparoscopic surgery
47. **9-10 Dec 2017** Intercollegiate Basic Surgical Course by RCS at **CTC Univ of Sharjah UAE**
48. **6-9 Nov 2017** Intensive Laparoscopic Surgery Course **AIMS Academy Milan Italy**
49. **26-28 Oct 2016** Advanced Laparoscopic Course Colorectal Surgery and Fast Track Protocol **AIMS Milan Italy**
50. **4-6 Oct 2016** Recent Advances and Updates in Surgery and Surgical Education **KFSHRC Saudi Arabia**
51. **20-22 April 2016 11th Int'l Medical Education Conference (IMEC)** **Kuala Lumpur Malaysia**
52. **18th Jan 2016** Journal citation report and Endnote training by Thompson Reuters **Taibah Univ**
53. **4-6 Dec 2015 1st Middle East Interprofessional Education Conference** **Doha Qatar**
54. **4th Nov 2015**. Plagiarism; causes and online demonstration on iThenticate software
55. **22-26 February 2015** Laparoscopic Colorectal Surgery Workshop **AIMS Academy Milan Italy**
56. **27-29 Jan 2015 6th PBL Course** by Maastricht University at Alsulaiman Alrajhi Colleges **Saudi Arabia**
57. **3-5 Jan 2015** Colorectal Surgery updates Dar Hospital **Madina Saudi Arabia**
58. **22-23 March 2014** Pediatric Disorders Dar Hospital **Madina Saudi Arabia**
59. **16-17 March 2014** Health Problems in Neonates Dar Hospital **Madina Saudi Arabia**
60. **7-9 Jan 2014** Int'l Conference in Physiological Computing Systems **Lisbon Portugal**
61. **30-31 Oct 2013** Advanced Laparoscopic Course for Bariatric Surgery **AIMS Milan Italy**
62. **18-19 Oct 2012** Advanced laparoscopic Course for Bariatric Surgery **AIMS Academy Milan Italy**
63. **28-29 Sept 2012** 2nd Elsevier Middle East Editors' Conference, **Jordan**
64. **6-7 July 2012** Int'l Research Workshop. Mastering Biostatistics using SPSS and Research Designs in Medical and Health Sciences. Research Center for Training and Development.
65. **18-19 May 2012** Int'l Research Workshop. Mastering Scale Development, Reliability, Validity of Scale

and Data Analysis for Researchers. Research Center for Training and Development.

66. **27-28 April 2012** Int'l Research Workshop. Mastering Survey Methodology and Data Analysis using SPSS. Research Center for Training and Development.
67. **22-24 March 2012** Int'l Research Workshop. Applied Quantitative Techniques and Data Analysis for Researchers. Research Center for Training and Development.
68. **22-24 March 2012** Int'l Research Workshop. Mastering dissertation/thesis/paper writing. Research Center for Training and Development.
69. **20 Dec 2011** Small group teaching, University of **Dundee UK**.
70. **29 Nov 2011** Workplace based assessment; webinar by the University of **Dundee UK**.
71. **15 Dec 2011** Clinical Simulation Instructor Course, King A'Aziz Univ **Jeddah KSA**
72. **25-26 Nov 2011** Developing a researcher, Research Institute, **Lahore**
73. **23 July 2011** Managing plagiarism in academic research, Research Institute **Lahore**
74. **21-25 April 2011** Role of teacher in Medical education, University of Dundee, **Dundee UK**
75. **8-9 Feb 2011** Statistics, Biostatistics, and Econometrics, **Lahore**
76. **4-6 Jan 2011** Medical Malpractice Conference, **Taibah University Saudi Arabia**
77. **11 Sept 2010** EURO-NOTES 2010 Rome Italy
78. 28-30 July 2010 Laparoscopic colorectal surgery, AIMS Academy **Milan Italy**
79. **3-4 July 2009** Natural Orifice Transluminal Endoscopic Surgery Course (NOTES), IRCAD Asian Institute of Telescopic Surgery **Taiwan**
80. **4-7 May 2009** Upper GI Laparoscopic Course, Cushieri Skills Center, **University of Dundee UK**
81. **9-13 Mar 2009** Intensive Course in Laparoscopic General Surgery, Strasbourg University, European Institute of Telescopic Surgery, **Strasbourg France**
82. **3-5 Feb 2009** 10th Int'l Symposium on Gastroenterology and Hepatology, **Madina, Saudi Arabia**
83. **3-6 Dec 2007** Lower GI Laparoscopic Course, Cushieri Skills Center, **Dundee UK**
84. **9-11 Jul 2007** Lower GI Symposium, Leicester Royal Infirmary, **Leicester UK**
85. 8th Apr 2007 Radiological interventional procedure in treating renovascular hypertension at Saudi German Hospital **Madina Saudi Arabia**
86. **16-18 Feb 2007** Current trends in Medical Education, Taibah University **Madina Saudi Arabia**
87. **28-30 May 2006** ATLS Course by The ACS **Riyadh Saudi Arabia**
88. **13 May 2006** Mini Symposium on laparoscopic hernias, King Saud Univ. **Riyadh Saudi Arabia**
89. **17 Dec 2005** 6th Doppler Applications Course, King Saud University **Riyadh Saudi Arabia**
90. **19-23 Nov 2005** 7th Integrated Surgical Course for Arab Board King Saud Univ **Riyadh Saudi Arabia**
91. **8 Jun 2005** Laparoscopic repair of incisional hernia, King Saud University **Riyadh Saudi Arabia**
92. **28 April 2005** 5th Annual Research Conference, at King Saud University **Riyadh Saudi Arabia**
93. **4 Jan 2005** 22nd Seminar on Thyroid Masses. King Khalid Univ Hosp **Riyadh Saudi Arabia**
94. **11-14 Nov 2004** Int'l Conference on Advanced Laparoscopic Procedures King Faisal Specialist Hospital and Research Center **Riyadh Saudi Arabia**
95. **7-9 Oct 2003** 3rd Int'l Symposium on Laparoscopic Surgery, King Khalid Univ **Riyadh Saudi Arabia**
96. **6-8 Mar 2002** 7th National Surgical Conference by Society of Surgeons **Lahore Pakistan**
97. **2-3 May 2001** 8th Biennial International Surgical Conference Lahore By the Society of Surgeons **Pakistan**
98. **20-23 Oct 2000** 1st APPNA Int'l Med Conference, Allama Iqbal Medical College **Lahore Pakistan**
99. **10-11 Mar 2000** National Surgical Conference KEMC **Lahore Pakistan**
100. **03-4 Feb 1998** Advanced Laparoscopic Skills Course, Royal College of Surgeons England **London UK**

101. **22 Jan 1997** ATLS Update Course at Leicester Royal Infirmary **Leicester UK**
102. **6-7 Nov 1997** Laparoscopic Cholecystectomy Course Trent Training Center LGH **Leicester UK**
103. **3-5 Mar 1997** Basic Surgical Skills Course, Trent Training Center, LGH **Leicester UK**
104. **11-13 March 2021** Gulf Thoracic Society Attended
105. **Keynote Speaker** social media in education and digital technology **Skyline University Sharjah 18-19 Nov 2019**
106. Weight loss and diabetes mellitus control by LRNYGB vs. LSG **Emirati German Int'l Conference 18-20 Nov 2018**
107. Upcoming Comparing weight loss and type 2 diabetes mellitus resolution by LRYNGB and LSG for morbid obesity
Obesity 2019 Congress **Rome Italy 25-27 Feb 2019**
108. Lapses of academic integrity as measured by Dundee Polyprofessionalism Inventory I: Academic Integrity
AMEE The OTTAWA-ICME 2018 Abu Dhabi UAE 14th March 2018
109. Recurrence of colorectal cancer after curative open and laparoscopic surgery at **5th Emirati German
Conference Univ of Sharjah UAE 26-28 Nov 2017**
110. Interactive Tutorials for PhD students for research Univ of Sharjah **17th April 2017**
111. Research Seminar "ethical issues and IRB requirements" Univ of Sharjah **18th March 2017**
112. Recommended sanctions for lapses of academic integrity as measured by Dundee Polyprofessionalism
Inventory I: Academic Integrity from a Saudi and a UK medical school: A comparative study to measure
cultural- social- religious- and educational perceptions. SIMEC **April 2016** at Alfaisal Univ KSA
113. Reasons and consequences of plagiarism: An online iThenticate usage. Taibah Univ **Nov 2015**
114. Peer Review and Journal Scientometrics. Research Day Taibah University **6th May 2013**
115. Scholarly Writing, online EndnoteX5 training. Faculty Development Program, Taibah Univ **Jan 2013**
116. Research Ethics and Plagiarism, Faculty Development Program, Taibah Univ **10 Oct 2011**
117. Asian Conference on Computer Aided Surgery, Lukang Taiwan **3-4 July 2009**
118. Stapled versus conventional hemorrhoidectomy: Short term results. Madina Surgical Club **Nov 2007**
119. The Molecular and Genetic Basis of Colorectal Carcinoma. Int'l Surgical Conference by Riyadh Surgical Club
Riyadh Saudi Arabia **May 2007**
120. The Non-surgical Management of Colonoscopic Perforations. Madina Surgical Club **May 2007**
121. Our Early Experience with Laparoscopic Adjustable Gastric Banding. King Saud Univ Riyadh **March 2006**
122. The Use of 0.2% Glyceryl Trinitrate Ointment in the Management of Anal Fissures. Fourth Annual Research
Conference- King Khalid University Hospital Riyadh **April 2005**
123. Preoperative assessment- Continuous Medical Education Course for Saudi Board in Oral and Maxillo facial
Surgery **June 2003**
124. Adult Intussusception at Grand Surgical Meeting, College of Medicine and King Khalid University Hospital,
Riyadh **Sept 2002**
125. Peripheral vascular injuries – Jinnah Hospital, Lahore experience – **8th Biennial International Surgical
Conference, Lahore March 2001**
126. Ruptured traumatic pseudoaneurysm of femoral artery at Clinicopathological Conference, Allama Iqbal
Medical College Lahore **February 2001**
127. Ganglioneuroma of suprarenal gland at Clinical Conference of Society of Surgeons Pakistan, Lahore
November 2000
128. Acute peripheral vascular injuries – Jinnah Hospital experience at 1st AIMC / APPNA Int'l Medical
Conference Vascular Surgery Workshop **October 2000**
129. Extremity vascular trauma – Jinnah Hospital experience at 2nd AIMC / APPNA International Medical
Conference Vascular Surgery Workshop **October 2002**
130. Recurrent medullary carcinoma of the thyroid at Clinical Conference, Allama Iqbal Medical College, Lahore
August 1999
131. The predictive value of color duplex in the diagnosis of peripheral vascular disease at Leicester General
Hospital Leicester UK **Jan 1997**

Undergraduate Medical Students

All my appointments as Associate, Assistant Professor, Professor and Consultant & Specialist Surgeon, Senior Registrar, and SHO have included a significant involvement in the teaching of medical students, both in a clinical setting in the wards, and in the form of timetabled group seminars.

At King Khalid University Hospital Riyadh and Jinnah Hospital Lahore, I was deputized to deliver twice weekly teaching sessions throughout the academic years. I have also been responsible for the organization of the clinical component of the final MBBS exams, arranging both the long and short cases required for the mock exams and setting and marking the papers. My teaching also involved end of term assessments of 3rd, 4th and final year medical students.

Postgraduate Medical Students

At UoS, as program director, I have developed an intensive Minimally Invasive Surgery PG Diploma program that will provide state-of-the-art surgical training facilities in the MENA region. I've experience in teaching PG students along with the arrangements for their skills labs, training curriculum and examination activities. As my own academic experience has grown, I have always been involved in postgraduate bed side teaching and meetings, journal clubs and often responsible for arranging the postgraduate workshops and skills labs.

On a broader basis, I have increasingly dedicated my expertise in the teaching of minor surgical techniques to local GPs in 'hands on' practical sessions and have delivered a series of lectures to nurses from many disciplines of the surgical practice.

Previous Appointments

Sept 2006 to Feb 2017

Professor, Associate and Assistant Professor of and Consultant Surgeon

Prof Waleed Rida Murshid, Dr Khalid R Murshid

College of Medicine, Taibah University Ministry of Higher Education

Madina Al Munawara Saudi Arabia

This is an academic post with mandatory scheduled lectures and bedside teaching, clinical, research and administrative obligations, and continuous medical education activities. Lectures are delivered to 4-6th year medical students while I am responsible for the PBL teaching and training programs of the postgraduate trainees. I am the member of board of examiners for the medical under/postgraduate students and regularly organize examination papers and schedule, surgical skills workshops, OSCE, audit, CPD and CME activities in the University. I also performed as the supervisor of postgraduate surgical residency program and the main organizer of the surgical department activities. My clinical commitments as consultant surgeon included weekly clinic and OR, on call duties. Each surgical team comprises a senior registrar, two residents and three interns. I am independently performing all major general surgical cases with a major role to supervise the trainees through their training pathways.

Being the Deputy Editor in Chief of the Journal of Taibah University Medical Sciences, I am responsible for maintaining the defined standards of the journal, peer reviewing the submitted articles, writing reports about the emerging surgical developments, feed back to the advisory committee and editing the journal final lay out.

May 2006 to Sept 2006

Consultant Surgeon

Naz Hospital & Medical Complex Lahore

I provided care for the wide spectrum of surgical ailments including oncology, endocrine, breast, colorectal and trauma. This institution offers all modern surgical facilities along with a well coordinated radiology and laboratory back up.

July 2002 – May 2006

Specialist Surgeon

Honorary Assistant Professor of Surgery King Saud University

Prof A Al Saigh/ Prof A Dohayan/ OE Farooq/ GA Khairy

College of Medicine & King Khalid University Hospital, King Saud University Saudi Arabia

College of Medicine and King Khalid University Hospital Riyadh, a tertiary care 800 bedded teaching hospital associated with King Saud University is governed by the Ministry of Higher Education Saudi Arabia. I gained extensive postgraduate experience as a recognized surgical specialist while working in colorectal, breast, endocrine, upper GI and laparoscopic/robot-assisted surgery. The hospital provides general surgery, plastic, pediatric surgery and pediatric urology, cardiac, thoracic, vascular, orthopedics, neurosurgery and gynecology/obstetrics facilities. General surgery unit comprised 8 consultants, 4 specialists (each attached with 2 consultants), 6 registrars, 4 SHOs and varying numbers of PRHO. My commitments included twice a week operative, clinic and teaching sessions.

My first 18 months were devoted to the firm with major interest in gastrointestinal surgery. The surgical unit comprised about 60 beds and our unit had about 10-12 admitted cases at any given time which contained a blend of all general surgical patients like colorectal, hepatobiliary, endocrine and breast, adrenal and gastric tumors. The surgical team entertained about 30-40 cases in the clinic, to admit about 6-8 patients for the elective list and out of these, I had to see 12-15 patients in the clinic and operate on about 3-5 patients. I assisted cases like gastrectomy, anterior resection, APER, colectomy with ileorectal anastomosis and various other colorectal open/laparoscopic operations while I performed laparoscopic cholecystectomy and hernia repair, thyroidectomy, mastectomy, resection anastomosis of the bowel and right hemicolectomy under supervision.

I was gradually involved in complex surgical operations, with and later on without supervision. I was an active member of the dedicated team responsible for **robot assisted** Nissen's fundoplication, cholecystectomy, hernia repair, vertical band gastroplasty and gastric by pass procedures for morbid obesity, adrenalectomy and splenectomy. The liberal use of stapling devices like CEEA, TA, Roticulator and GIA staplers boosted my confidence to use modern surgical gadgets. The provision of medical oncology, radiotherapy, nuclear imaging and interventional radiology

enriched with the facilities of PACS, MRI, spiral CT, PET scan and MRCP at this center exceedingly modernized my surgical oncology perspective. All sophisticated serum and urinary hormone levels along with tumor markers are liberally done here. I also performed supervised upper and lower GI endoscopy sessions in the Gastroenterology Unit.

Later on I moved to a firm more specialized in breast and endocrine disorders which further broadened my surgical exposure. I performed operations like mastectomy with and without axillary clearance, thyroidectomy and thyroid lobectomy, laparoscopic cholecystectomy and hernia repair independently and procedures like anterior resection and total thyroidectomy with radical neck dissection under supervision. I was responsible for making decisions about the admitted patients in the wards, ITU and HDU right from their admission till discharge and exposed to working under high pressure and combat mass disasters.

While being on call, about 25-30 patients per 24 hours are referred to the surgical team and out of those about 5-7 cases are admitted (2500-3000 surgical emergency admissions per year). These cases are referred from all over Riyadh region, a city of 4.5 million multi national inhabitants including patients with high speed trauma and acute abdomen. Surgical Specialist would lead the on call surgical team to provide care of all the seriously injured and critically ill patients in decision making, admissions and emergency operations like resection anastomosis of the bowel, splenectomy, repair of perforated duodenal ulcer, Hartman's procedure and stoma construction. Later on, I was more involved in resident, registrar, and senior registrar teaching and training studied with lectures, clinical meetings and mock examinations.

March 2005 – April 2005

Clinical Attachment General Surgery

Mr S Ubhi/ Mr D Lloyd/ Mr G Robertson

Leicester Royal Infirmary Leicester UK

This was arranged to avail my Traveling Fellowship Award by The Royal College of Physicians and Surgeons Glasgow in order to share and extend my surgical experience in laparoscopic skills. I gained valuable insight

regarding the laparoscopic gastric banding and gastric bypass for morbid obesity, laparoscopic splenectomy and liver resections and a range of colorectal and upper GI procedures. I also attended the clinical meetings, surgical clinics and unit rounds during my stay.

Jan 1999 – July 2002

Consultant Surgeon

Naz Hospital & Medical Complex Lahore Pakistan

This is an acute hospital with all the surgical services where I served independently as Consultant Surgeon to take care of the private sector. I managed patients with colorectal, hepatobiliary, endocrine, and acutely injured cases referred from the periphery for tertiary care. I performed all major surgical procedures including the care of ICU patients.

August 1998 – July 2002

Senior Registrar Surgery

Prof JR Gardezi/ KK Khawaja/ Prof GA Sial

Jinnah Hospital & Allama Iqbal Medical College Lahore

Jinnah Hospital Lahore Pakistan is an 1100 bedded tertiary level university hospital affiliated with Allama Iqbal Medical College, University of the Punjab Lahore. Jinnah Hospital is one of the four teaching hospitals of Lahore, a city of about 6.5 million population and received about 9000-10000 new and review surgical patients per year. The hospital provides care for the general surgical, orthopedics, pediatric, cardiothoracic and plastic surgery, urology and gynecology/obstetrics. General surgical division was divided in four units, each unit with about 60 beds and comprised a professor, 2-3 consultants, 2 senior registrars, 4 registrars, 12-14 SHOs and about 6 PRHO. Working as Senior Registrar, a full time and recognized post, I was entrusted with the responsibilities of complete care of the admitted patients (about 50-60 in-house cases with upper and lower GI tumors, hepatobiliary and endocrine benign and malignant lesions, breast and thyroid cancer and severe trauma cases including head injuries and vascular trauma) in surgical wards, ITU and HDU, to attend outpatients and operation theatre twice a week along with a very busy 1:3 on-call roster. About 10-14 patients were admitted from each clinic with about 12 to 15 patients per operative session which provided me immense opportunity to establish my surgical skills. During first 2 years of my tenure, I assisted a wide range of surgical procedures like laparoscopic cholecystectomy, esophagectomy, gastrectomy, Whipple's procedure and different operations for colorectal, thyroid and breast diseases. I was supervised in basic surgical procedures like hernia repair, breast biopsies, thyroid lobectomy, opening and closure of laparotomy wound, hemorrhoidectomy, anal fissurectomy, repair of peri anal fistulae, open/laparoscopic cholecystectomy and varicose vein surgery. During the 3rd and 4th year, as my experience broadened, I was able to perform laparoscopic cholecystectomy and more advanced surgical procedures like thyroidectomy, mastectomy with axillary clearance, right hemicolectomy, mesh repair of complex ventral hernias and varicose vein surgery under supervision.

The on call surgical team would admit about 15-20 patients per 24 hours and included a variety of cases like severe trauma, gunshot injuries, acute abdomen, obstructed hernia and acute vascular injuries due to the surrounding network of motorway. Senior Registrar being the team leader was responsible for their ultimate care. My ER experience encompassed all general surgical procedures including amputations, laparotomy for trauma and bowel obstruction necessitating resection anastomosis of the bowel, nephrectomy, repair of duodenal injuries, stoma construction and surgical repair of various forms of hepatic trauma.

Feb 1998 – Aug 1998

Senior SHO General Surgery BST rotation

Mr D Rew

Glenfield Hospital Leicester UK

This component of BST further enhanced my surgical experience in breast, endocrine and laparoscopic skills. I got supervised training in mesh repair of hernia, excision of lumps and bumps, hemorrhoidectomy, breast lumpectomy and assisted cases like anterior resection and APER, parotidectomy, thyroidectomy, mastectomy

with axillary clearance, sentinel node biopsy and laparoscopic cholecystectomy. The one-stop well-motivated breast cancer-screening center added a new facet to my knowledge and experience. I had a busy 1:5 on call roster and attended various advanced life support courses during this tenure.

Aug 1997 – Feb 1998

Senior SHO Cardiothoracic Surgery BST rotation

Mr M Galinanes/ Mr Hickey / Mr Spyt

Glenfield Hospital Leicester

Glenfield Hospital being recognized as the center of excellence in cardiothoracic surgery, I gained tremendous training for the continuous care of the patients in cardiac ITU, HDU and perioperative management of patients in cardiothoracic surgery. I assisted operations like coronary artery by-pass graft on beating and non beating heart, valve surgery, aortic root replacement, pulmonary embolectomy, oesophagectomy, pulmonary lobectomy and emergency thoracic procedures. I performed supervised opening and closure of sternotomy, insertion of IABP, harvested radial artery and saphenous vein, and tracheostomy. This section of my surgical rotation played a pivotal role in my further grooming in the management of the critically ill patients.

Feb 1997 - August 1997

Senior SHO Surgery

Mr D Fossard/ Mr D Lloyd/ Mr D Watkin BST rotation

Leicester Royal Infirmary Leicester

This being the first component of recognized BST rotation in the Trent region, I got extensive training in advanced gastrointestinal surgery along with endoscopy and basic laparoscopic skills. My duties involved twice weekly operation theatre, twice weekly day case lists, 1-5 on-call rota and weekly endoscopy list. I regularly performed diagnostic OGD, flexible sigmoidoscopy, colonoscopy with polypectomy and biopsy under supervision. I also performed diagnostic laparoscopy and supervised laparoscopic cholecystectomies. I attended basic and advanced laparoscopic/ surgical skills courses in the UK, which helped me in developing the surgical reflex. I used to attend a weekly clinic and day case surgical session in Hinckley to offload Infirmary to some extent.

Nov 1997 - Feb 1997

SHO General and Vascular Surgery

Prof PRF Bell/ Prof NJM London/ Mr R Naylor

Leicester Royal Infirmary Leicester

At Vascular Surgery, which was a professional unit, I dealt with cases of peripheral vascular disease, aortic aneurysms, Raynaud's disease, varicose veins and endocrine disorders. I assisted operations like carotid endarterectomy, open repair and stent insertions of aneurysms, balloon angioplasty, adrenalectomy and thyroidectomy. I performed varicose vein surgery, embolectomy and amputations under supervision, and was responsible for weekly day case list. When being on-call, I looked after general surgical, vascular and pediatrics patients.

Jun 1996 – Sep 1996

Senior House Officer/Clinical assistant Surgery

Mr MJ Kelly/Mr AR Dennison/Mr P Vietch

Leicester General hospital Leicester

Working as SHO General Surgery, I gained good overall exposure to colorectal, hepatobiliary and minimally invasive surgery. I was responsible for the inpatient care and clinics (two per week) including Loughborough clinic and OR commitments and took part in active on-call roster. Later on I served as surgical clinical assistant with Mr AR Dennison for my career progression and clinical interest.

Jul 1995 – Jun 1996

Resident Medical Officer Surgery

Prof S Khan/Prof JR Gardezi

Naz Hospital and Medical Complex Lahore

I gained advanced laparoscopic skills experience while working as full time, regular surgical resident. There was 1:3 on call roster and on average the hospital admissions ranged 10-12 cases per 24 hours, which contained trauma, hepatobiliary, colorectal and vascular diseases.

Nov 1994 – Jul 1995

Resident Medical Officer Plastic & Reconstructive Surgery& Burn Unit

Prof AH Baber

Mayo Hospital Lahore

The venue of my basic surgical training was Mayo Hospital, which is a 1900, bedded teaching institution attached with King Edward Medical College University of the Punjab, Lahore Pakistan. The hospital is equipped with all modern diagnostic and therapeutic facilities.

Plastic surgery Unit had a capacity of 40 beds with an independent Burn Unit providing 7-days a week cover for the acute burn patients. I learnt the art of handling emergency and review cases of extensive burns and performed cases like full & partial thickness skin grafting, excision of old scars and contracture release under supervision. I assisted cases of rhinoplasty, cleft lip and palate, microvascular and pedicle flaps, augmentation/ reduction mammoplasty and bat ear repair.

April 1994 – Nov 1994

Resident Medical Officer Orthopedics

Prof A Khan, Prof T Sohail, Prof M Awais

Mayo Hospital Lahore

This was a 210-bedded unit where I was responsible for the care of orthopedics and trauma patients with 36 hours per week emergency cover. I attended orthopedics and physiotherapy/rehabilitation clinics twice a week, and gained supervised training in procedures like application of plaster cast, reduction of cole's fracture & hip and shoulder dislocations, removal of metal works, intramedullary nail and steinman pin insertion and assisted total knee and hip replacement, spinal surgery, DHS and certain pediatric orthopedic procedures for poliomyelitis and cerebral palsy.

April 1993 – April 994

Resident Medical Officer General Surgery

Prof IA Khan, Prof SA Khan, Prof S Ahmed, KM Azeem

Mayo Hospital Lahore

This was the first venue where I learnt and practiced my basic surgical skills. Mayo Hospital's ER had a daily turn-over of more than 300 surgical patients and on-call team took care of the acute surgical and vascular trauma cases. My duties involved day to day care of the admitted patients (110 bedded ward), twice a week outpatient clinics and OR, and care of acute surgical emergency and trauma cases (36 hours per week). I assisted major surgical procedures like thyroidectomy, mastectomy, Whipple's procedure, oesophagectomy and gastrectomy, laparotomy for various colorectal and retroperitoneal masses, right hemicolectomy and laparoscopic procedures. I had supervised training for cases like hernia repair, chest intubation, appendectomy, breast biopsy, incision and drainage of abscess, fistulotomy, tracheostomy and various surgical principles of tissue handling and dressings. There was a mandatory roster for the residents to present interesting cases in weekly clinical meetings and to attend the clinical laboratory attached to the general ward.

Sept 1992 – April 1993

Casualty Medical Officer

Prof M Ahmed

Mayo Hospital Lahore

I started my basic surgical training rotation in Mayo Hospital ER, which had a daily turn over, of 400-450 patients and I was responsible for the initial management of acute surgical and medical emergencies with subsequent referral to the concerned unit. I mastered the techniques of passing central venous and arterial lines, cardiac pacemakers/catheters and handling of ventilators. These procedures boosted my confidence in dealing with post-operative medical complications like arrhythmias, respiratory arrest, myocardial infarction and cardiac and renal failures.

Dec 1988 – Dec 1989

Intern Surgery, Medicine, Urology, Neurology

Prof Z Chaudhry, Prof MA Chishti, Prof M Hayat, Prof FK Akhtar

Mayo Hospital Lahore

I served as intern in various surgical, medical and allied specialties to gain mandatory knowledge and experience in patients' clerking, case presentations, continuous care of the admitted patients, clinics and OR commitments, pathology specimen tasks and the experience to deliver as a team member.

Future Career Intentions

We are witnessing a transgenerational culture in higher education, which necessitates a curriculum for the identity formation of students. This needs a transformation in terms of program development, implementation and then assessment. For that I would like to enrich my practices by evidence-based research, clinical training and assessment which is very desirable for any institution in terms of its ranking, credibility, and image curation to the wider community. I wish to expand my expertise by taking a senior leadership academic administrative post with clinical and educational commitments in accredited and renowned institutions. As a practicing minimally invasive surgeon, I wish to expand the role of MIS in the thyroid and colorectal surgery.

Referees

Will be furnished upon request