

PROF. SALMAN YOUSUF GURAYA

FRCS (Glasgow), Masters MedEd (Dundee)

Diploma Laparoscopic Surgery (Strasbourg University France)

Vice Dean College of Medicine and Professor of Surgery

College of Medicine University of Sharjah UAE

Program Director, EMT-B Professional Diploma Sharjah UAE

Editor J of Taibah Univ Med Sc (since 2006)

Visiting Faculty and Instructor, AIMS Surgical Academy Italy

E mail: sguraya@sharjah.ac.ae

Tel: Off +971 6 5057271

Nationality: Pakistani

Permanent Residency Visa Portugal

ORCID ID 0000-0001-5183-023X

Scopus ID 56253028400

Professional Qualifications

| | |
|--|--|
| 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 | The Royal College of Physicians and Surgeons, Glasgow UK |
| MBBS 1989 | King Edward Medical University Lahore Pakistan |
| BSc 1986 | University of the Punjab Lahore |

Accreditations - GMC UK No 5188563
- Pakistan Medical & Dental Council No. 18358-P
- Saudi Council for Health Specialties 2002-R-S-050-8076

Professional Profiles and Accomplishments

- Member College Council, promotion, curriculum, MedEd committees College of Medicine UoS
- Member Univ Committee for Int'l Rankings and Relations UoS
- Director, Minimally Invasive Surgery PG Diploma UoS
- Director, Emergency Medical Technicians Professional Diploma Program UoS
- Coordinator, Ph D program advanced techniques in molecular biology (research methodology) UoS
- Consultant Academic Promotions, Scientific Council Taibah Univ 2010-2018
- Item reviewer Saudi Council for Health Specialties Surgery Assessments
- Supervisor Postgraduate Surgery Affairs 2011-2016
- Traveling Fellowship Award by the Royal College of Physicians & Surgeons of Glasgow - 2004
- Gold Medal & National Talent Scholarships in A and O levels
- Top Talented Students Award in Medical Sciences
- Medical College Colors for outstanding performance in Cricket and Rowing

Editorial Appointments

- Academic Editor **British Journal of Medicine & Medical Research** 2007-2009
- Deputy Editor-in-Chief **Journal of Taibah University Medical Sciences (Elsevier)** 2006 to date
- Executive Editor **Journal of Microscopy and Ultrastructure (Elsevier)** 2011 to date
- Deputy Editor-in-Chief **Education in Medicine Journal** 2012-2016

- Associate Editor **Biomedical and Pharmacology Journal** 2016 to date
- Editorial Board Member **World Journal of Gastrointestinal Surgery**
- Editorial Board Member, **Middle East Journal of Cancer, Journal of King Edward Medical University**
- Member, **World Association of Medical Editors, USA**
- Int'l reviewer World J of Surg, World J Surg Oncol, BMC Research Notes, BMJ, SMJ, Oncotarget

Professional Memberships

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

Innovative Accomplishments

1. 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 the academic promotions by the scientific council of Taibah University.
2. Developed the website of surgery department Taibah University, featuring the mission and vision, staff meta-data, lectures and course objectives, study guides and online notifications for the staff and students.

Career Profile

Current Appointment

19.02.2017 to date **Vice Dean and Professor of Surgery, Head Surgery Unit**
College of Medicine University of 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.

1. **Guraya SY**, Sulaiman N, Salman S, Yusoff B, Roslan S, Fahim M. Comparing the understanding of medical professionalism by Emirati, Saudi and Malaysian medical students. **Accepted J Biomedical Research 2018**
2. 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. **J Biomedical Research 2018: 29 (9): 1961-67**
3. Antonello Forgione, **Guraya SY**. Surgical education and training for emergency surgery and surgical specialties. Book Chapter accepted for publication by **Springer** Nature Publishers 2018

4. **Guraya SY**, Guraya S, Habib F, Alquiliti K, Khoshhal. Medical students' perception of test anxiety triggered by different assessment modalities. **Medical Teacher 2018**; 10.1080/0142159X.2018.1465178
5. **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**; 10.1080/0142159X.2018.1465532
6. **Guraya SY**. An overview of colorectal cancer in the Arab world. Book Chapter submitted for publication by Springer Nature Publishers 2018
7. **Guraya SY**. Comparing recommended sanctions for lapses of academic integrity using Dundee Polyprofessionalism Inventory from a Saudi and a UK medical school. Accepted **J Chin Med Ass 2018**.
8. Al Bataineh M, Dash N, Mahmood S, Hussein A, Elsherheny A, Mustafa A, **Guraya SY**. Comparing learning styles of the undergraduate medical, dentistry, and pharmacy students using VARK inventory. Submitted to **Med Teach 2018**
9. Sulaiman N, **Guraya SY**. Mapping the perceptions of trainees for promoting surgical competence in the Sharjah clinical training center. Under review
10. **Guraya SY**, Almaramhy H, Al-Qahtani M, Salman S, Bouhaimed M, B Bilal. Measuring the medical students usage of social networking sites for educational purposes: Results from a multi-center study. Under review
11. **Guraya SY**, Bilal B, Al Qahtani M, Salman S, Almaramhy H. Comparing the extent and pattern of use of social networking sites for educational purpose by medical and non-medical students; a multi-center study. Under review
12. **Guraya SY**. The changing landscape of surgical education and training. **Journal of Musculoskeletal Surgery and Research 2018**; 2 (1): 1-3
13. **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
14. **Guraya SY**. The paradigm of technological innovations from open to scarless surgery for colorectal cancer. **Mid East J Cancer 2018**; 9 (1): 1-4
15. 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**. <https://doi.org/10.1016/j.sjbs.2017.10.024>
16. **Guraya SY**, Hamdi H. Almaramhy. Mapping the factors that influence the career specialty preferences by the undergraduate medical students. **Saudi J Biolog Sc 2017**; <http://doi.org/10.1016/j.sjbs.2017.03.019>
17. 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
18. **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
19. **Forgione A, Guraya SY**. The cutting-edge training modalities and educational platforms for accredited surgical training: A systematic review. **J Res Med Sc 2017**; DOI 10.4103/jrms.JRMS_809_16

20. Khalid I. Khoshhal, Gamal A. Khairy, **Salman Y. Guraya**, Shaista S. Guraya. Exam anxiety in the undergraduate medical students of Taibah University. **Med Teacher** 2017; 1-8: DOI: 10.1080/0142159X.2016.1254749
21. Colombo F, Sampogna G, Coccozza G, **Guraya SY**, Forgione A. Regenerative medicine: Clinical applications and future perspectives. **J Microscopy and Ultrastructure** 2017; 5 (1): 1-8
22. **Guraya SY**. The current guidelines and recommended protocols for screening colorectal cancer. **Biomed Pharmacol J** 2016; 9 (3): 957-966.
23. 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
24. **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
25. **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
26. **Guraya SY**. The pedagogy of teaching and assessing clinical reasoning for enhancing the professional competence: A systematic review. **Biosc Biotech Res Asia** 2016; 13 (3): 1859-66
27. Khoshhal KI, **Guraya SY**. Leaders produce leaders and managers produce followers; Standard setting in physicians' leadership. **Saudi Med J** 2016; 37 (10): 1061-1067
28. **Guraya SY**. The case of transplanting PBL in the Gulf Cooperation Countries: an ominous rejection. **J Med Education** 2016; 20: 73-81
29. **Guraya SY**, **Salman S**, **Almaramby HH**. The legacy of teaching medical professionalism for promoting professional practice: A Systematic Review. **Biomed Pharmacol J** 2016;9 (2): 809-817
30. **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
31. **Guraya SY**, **Murshid KR**. The correlations between the histological types of breast cancer with the lymph node metastases and between the lymphovascular perineural invasion and type of receptor involved; Results of a retrospective study. **Submitted to Saudi Med J**
32. **Guraya SY**, Guraya SS, Mahabbat NA, Fallatah KY, Al-Ahmadi BA, ALalawi HH. The desired concept maps and goal setting for assessing professionalism in medicine. **J of Clin and Diag Res** 2016; 10 (5): JE01-JE05
33. **Guraya SY**, London NJM. The prevalence and management strategies for peripheral arterial disease associated with diabetes mellitus in the Arab world. **J Taibah Univ Med Sc** 2016; 11 (4): 310-316
34. **Guraya SY**. Optimum level of inferior mesenteric artery ligation for the left-sided colorectal cancer: Literature review for high and low ligation continuum. Submitted to **Saudi Med J** 2016; 37 (7): 731-735
35. Gianluca S, Forgione A, **Guraya SY**. Surgical education in the third millennium. **J Micro and Ultrast** 2016:
36. **Forgione A**, **Guraya SY**. Elective colonic resection for symptomatic diverticular disease improves quality of life, intestinal symptoms and functional outcome: Experts' perspectives and review of literature. **Updates in Surgery** 2016; 68 (1): 53-58

37. **Guraya SY**. The usage of social networking sites by the medical students for educational purpose; a meta-analysis and systematic review. Submitted to **North Am J Med Sc 2016**; 8: 268-78.
38. **Guraya SY**, Forgione A, Gianluca S, Pugliese R. Mapping preferred resources for surgical education: Surgical trainees' perceptions from Advanced International Minimally Invasive Surgery Academy (AIMS) Milan Italy. **J Taibah Univ Med Sc 2015**; 10 (4): 396-404
39. **Guraya SY**. Malignant duodeno-colic fistula: A rare complication of colorectal cancer. **J of Clin and Diag Res 2015**; 9 (11): PLO1
40. **Guraya SY**. Reasons and management of plagiarism in medicine; A growing problem of the digital era. Accepted in **Pakistan J Med Sc 2016**
41. **Guraya SY**, H. A. Ozbak, A. A. Ahmed, H. A. Hemeg S. M. El-Ageery, K. Yousef, N. A. Abdel-Aziz. Correlation of *Helicobacter Pylori* with cholelithiasis: Results of a prospective clinical study in Saudi Arabia. **Eur Rev for Med and Pharm Sc 2015**; 19: 3873-3880
42. Sampogna G, **Guraya SY**, Forgione A. Regenerative medicine: Historical roots and potential strategies in modern medicine. **J Microscopy and Ultrastructure 2015**; 3 (3): 101-107
43. **Guraya SY**. Do we still need to perform routine histological examination of appendectomy specimens. **J Clin and Diag Res 2015**; 9 (6): PLO1
44. **Guraya SY**, Khoshhal KI. Journal of Taibah University Medical Sciences; Ten years of existence and the special issue about innovations in medical education. **J Taibah Univ Med Sc 2015**; 10 (1): 4-5
45. **Guraya SY**. Workplace-based assessment; applications and educational impact. **Malaysian J Med and Med Sci 2015**; 22 (6): 5-10
46. Guraya SS, **Guraya SY**, Fawzia H, Khoshhal KI. Learning styles of medical students at Taibah University: Trends and implications. **J of Res in Med Sc 2014**; 19: 1155-1162
47. Antonello F, Kislow V, **Guraya SY**, Kasakevitch, E, Pugliese R. Safe introduction of laparoscopic colorectal surgery even in remote areas of the world: the value of a comprehensive training program including telementoring. **Journal of Laparoendocopy 2015**; 25: DOI: 10.1089/lap.2014.0191
48. **Guraya SY**. Experience of Overseas Surgeons with the Postgraduate Certificate in Medical Education for Surgeon. **Journal of Association of Great Britain and Ireland 2014**; 44 Autumn; 22-23.
49. **Guraya SY**. Reference errors in 10 Medline biomedical journals; an analysis of 450 references. **European Science Editing Journal 2014**; 40 (4): 88-90.
50. **Guraya SY**, London NJM, Guraya SS. Ethics in medical research. **J Microscopy and Ultrastructure 2014**; 2 (3): 121-126.
51. Forgione A, **Guraya SY**. Advanced endoscopic imaging technologies for in vivo cytological examination of gastrointestinal lesions: State of the art and proper clinical application. **J Microscopy and Ultrastructure 2013**; 1 (3): 65-75.
52. **Guraya SY**. Chemopreventive role of vitamin D in colorectal carcinoma. **J Microscopy and Ultrastructure 2 (2014)**; 1-6.

53. **Guraya SY**, Khairy GA. Stapled hemorrhoidectomy; Results of a prospective clinical trial in Saudi Arabia. **J of Clin and Diag Res** 2013; 7 (9): 1949-1952.
54. **Guraya SY**. Modern oncosurgical treatment strategies for synchronous liver metastases from colorectal cancer. **J of Microscopy and Ultrastructure** 2013; 1 (1-2): 1-7
55. Guraya SS, Habib FA, Khoshhal KI, **Guraya SY**, Fawzi MW. Students' attitude and response towards communication skills course at the College of Medicine, Taibah University. **Education in Medicine Journal** 2013; 5 (3): 42-52.
56. Sheweita SA, **Guraya SY**, Murshid KR. Antioxidants and laparoscopic surgeries. Book Chapter by Springer-Verlag Berlin Heidelberg 2013.
57. **Guraya SY**. Bandwagon of impact factor for journal scientometrics. **J Taibah University Medical Sciences** 2013; 8 (2): 69-71.
58. **Guraya SY**, Zolaly MA. High school grades are not reliable predictors of academic performance in undergraduate medical school: A Study from a Saudi medical school. **Biomedical and Pharmacology Journal** 2012; 5 (2): 219-225.
59. Guraya SS, **Guraya SY**, Alzobydi AH. Ileocolic Intussusception in an adult due to acute appendicitis. **J of Clin Case Rep** 2012; 2 (13): 197-198.
60. **Guraya SY**, Alzobydi AH, Guraya SS. Primary extrahepatic hydatid cyst of the soft tissue: a case report. **J of Med Case Rep** 2012, 6:404.
61. **Guraya SY**, Almaramhy HM. Small group teaching improves students' acquisition of knowledge and skills. **Saudi Med J** 2012; 33 (12): 1304-1309.
62. Almaramhy HH, **Guraya SY**. Computed tomography for pancreatic injuries in pediatric blunt abdominal trauma. **World J of Gastrointest Surg** 2012; 4 (7): 166-170.
63. **Guraya SY**. Journal of Taibah University Medical sciences; Journey to success. **J Taibah Uni Med Sc** 2012; 6 (2): 57-60.
64. Gari MKM, **Guraya SY**, Hussein AM, Hego MMH. Giant mesenteric fibromatosis: Report of a case and review of the literature. **World J of Gastrointest Surg** 2012; 27 4 (3): 79- 82.
65. **Guraya SY**, Murshid KR. Desmoid tumor of the abdominal wall; report of a case. **Journal of Clinical and Diagnostic Research** 2011 December, Vol-5(8): 1674-1676.
66. **Guraya SY**, Salman S, Almaramhy HH. Giant mesenteric cyst. **Clinics and Practice** 2011; 1(108): 237-238.
67. Alzobydi AH, **Guraya SY**, Salman S. Serum markers as better predictors than Ranson, Imrie, and APACHE II systems in identifying the severity of acute pancreatitis. **Int'l J of Med and Med Sc** 2011; (10): 311-315. Corresponding author.
68. **Guraya SY**, Alzobydi AH, Shaista S. Plasma 25-hydroxy Vitamin-D and risk of breast cancer: a case control study. **British J of Med and Med Res** 2011; 1 (4): 508-515.
69. **Guraya SY**, Murshid KR. Laparoscopic Sleeve Gasterctomy for Morbid Obesity; The future of bariatric surgery? **British J of Med and Med Res** 2011; 1 (4): 212-222.

70. **Guraya SY**, Alzobydi AH. Total and near-total thyroidectomy is better than subtotal thyroidectomy for the treatment of bilateral benign multinodular goiter; a prospective analysis. **British J of Med and Med Res** 2011; 1 (1): 1-6.
71. **Guraya SY**, Almaramhy HH. Clinicopathological features and the outcome of surgical management for adenocarcinoma of the appendix. **World J of Gastrointest Surg** 2011; 3 (1): 7-12.
72. **Guraya SY**, Shaista Salman, Alzobydi AH. Objective structured clinical examination; Examiners' bias and recommendations to improve its reliability. **J Medicine and Medical Sciences** 2010; 1(7): 269-272.
73. **Guraya SY**. Breast cancer screening; implications and clinical perspectives. **J of Taibah Univ Med Sc** 2008; 3(2): 67-82.
74. **Guraya SY**. Goblet cell carcinoid of the appendix: report of a case and review of the literature. **Am J of Case Rep** 2008; 9: 140-143.
75. Naami MY, **Guraya SY**, Arafah MM, Zobydi AH, Tuwaijiri TA. Clinicopathological pattern of malignant parotid gland tumors in Saudi Arabia. **Saudi Med J** 2008; 29 (3): 413-417.
76. **Guraya SY**. The non surgical management of colonoscopic perforations: worthwhile to take risk? **J T Univ Med Sc** 2007; 2(1, 2): 23-29.
77. **Guraya SY**, Eltinay OF. Total thyroidectomy for bilateral benign thyroid disease: safety profile and therapeutic efficacy. **Kuwait Med J** 2007; 39(2): 149-152.
78. **Guraya SY**, Al Naami MY, Al Tuwaijri, Arafah MMI. Malignant melanoma of the small bowel with unknown primary: a case report. **J Ayub Med Coll Abbottabad** 2007; 19 (1): 63-5.
79. **Guraya SY**, Al Tuwaijiri TA, Noureldin OH. Non surgical management of colonoscopic perforation: Report of a case. **Saudi J Gastroenterol** 2006; 12(2): 35-7.
80. **Guraya SY**, Eltinay OF. Higher prevalence in young population and rightward shift of colorectal carcinoma. **Saudi Med J** 2006; 27(9): 1391-3.
81. **Guraya SY**, Khairi GA, Noureldin OH, Ghallag A, Salman S. Carcinoid of the Meckel's Diverticulum; case report and review of the literature. **Saudi J Gastroenterol** 2006; 12(3): 143-145.
82. Eltinay OF, **Guraya SY**. Colorectal carcinoma: clinicopathological pattern and the outcome of surgical management. **Saudi J Gastroenterology** 2006; 12(2): 31-34.
83. **Guraya SY**, Tuwaijri TA, Khairy GA, Murshid KR. Validity of leukocyte count to predict the severity of acute appendicitis. **Saudi Med J** 2005; 26(12): 1945-47.
84. **Guraya SY**, Khairy GA, Ghallab A, Saigh A. Carcinoid tumors of the appendix: our experience and review of literature for diagnosis, management and prognosis. **Saudi Med J** 2005; 26(3): 434-437.
85. Khairy GA, **Guraya SY**, Ahmed ME, Ahmed MA. Bilateral breast cancer: incidence, diagnosis and histological patterns. **Saudi Med J** 2005; 26(4): 612-615.
86. Eltinay OF, **Guraya SY**. The use of 0.2% glyceryl trinitrate ointment in the management of anal fissures. **Saudi J Gastroenterol** 2005; 11(1): 40-44

87. **Guraya SY**. Reappraisal of the management of cholelithiasis in the diabetics. **Saudi Med J 2005**; 26(11): 1691-1694.
88. GA Khairy, Afzal MF, Murshid KR, **Guraya SY**, Ghallab A. Post appendectomy small bowel obstruction. **Saudi Med J 2005**; 26(7): 1058-1060.
89. **Guraya SY**. Extremity vascular trauma in Pakistan. **Saudi Med J 2004**; 25(4): 498-501.
90. **Guraya SY**, Khairy GA, Murshid KR. An audit of laparoscopic cholecystectomy: 5- year experience in a University Hospital. **Annals of KEMC 2004**; 10(1): 9-10.
91. Khairy GA, **Guraya SY**. Primary care evaluation of thyroid disease: Which clinical group needs urgent surgical referral? **Bahrain Med Bul 2004**; 26(4): 143-146.
92. Khairy GA, **Guraya SY**, Murshid KR. Cholesterolosis: incidence, correlation with serum cholesterol levels and the role of laparoscopic cholecystectomy. **Saudi Med J 2004**; 25(9): 1226-1228.
93. **Guraya SY**, Khairy GA. Bilateral synchronous breast cancer: a clinical dilemma. **Saudi Med J 2004**; 25(12): 2024-2025.
94. **Guraya SY**, Murshid KR. Malignant duodenocolic fistula: various therapeutic surgical modalities. **Saudi Med J 2004**; 25(8): 1111-1114.
95. Eltinay OF, **Guraya SY**. Enterolithiasis. **Saudi J Gastroenterol 2004**; 10(2): 96-98.
96. **Guraya SY**. The management of asymptomatic gallstones in diabetic patients. **Annals of KEMC 2003**; 9(3): 178-181.
97. **Guraya SY**, Gardezi JR, Sial GA. Colorectal carcinoma: our experience. **Pak J Surg 2001**; 17(3): 15-19.
98. **Guraya SY**, Bashir Z. Salivary gland tumors: a prospective surgical audit. **Annals of KEMC 2001**; 7(2): 127-8
99. **Guraya SY**, Khalid K, Gardezi JR, Nasim A, Sial GA. Ruptured traumatic pseudoaneurysm of the right femoral artery in a main line drug abuser. **J Coll Phys Surg Pak 2000**; 10(8): 312-3.
100. **Guraya SY**, Gardezi JR, Sial GA. Peripheral vascular injuries: Jinnah Hospital experience. **Pak Postgrad Med J 2000**; 11(3): 99-102.
101. **Guraya SY**, Imran A, Khalid K, Gardezi JR, Sial GA. Morbidity of thyroidectomy. **Annals of KEMC 2000**; 6(4): 427-30.
102. **Guraya SY**, Naseem A, Khalid K, Gardezi JR, Sial GA. Changing etiological spectrum of acute peripheral vascular injuries: a clinicoepidemiological study. **Annals of KEMC 2000**; 6(2): 153-5.
103. **Guraya SY**, Imran A, Zaheer A. Gynecological emergencies in general surgery: a trap for the unwary. **Pak Postgrad Med J 2000**; 11(3): 89-92.
104. **Guraya SY**, Imran A, Kamran K, Gardezi JR, Sial GA. Thigh saphenectomy is not a necessary adjunct to high ligation and stab avulsion phlebotomy: Jinnah Hospital experience. **Annals of KEMC 2000**; 6(3): 310-2.

105. Imran A, **Guraya SY**, Khalid K, Gardezi JR, Sial GA. Scalenotomy for surgical decompression of thoracic outlet syndrome: a worthwhile procedure. **Annals of KEMC 2000; 6(3): 333-4**
106. **Guraya SY**. Quiz. **J Taibah Univ Med Sc 2009; 4(1): 113-114.**
107. **Guraya SY**. Quiz. **J Taibah Univ Med Sc 2010; 5 (1): 58-59.**
108. **Guraya SY**. Quiz. **J Taibah Univ Med Sc 2011; 6 (1): 53-55.**
109. **Guraya SY**. Quiz. **J Taibah Univ Med Sc 2012; 7 (1): 50-51.**

Grants and Funded Projects

1. Comparing the perceptions of medical students about interprofessional education and practice. **Seed Grant Univ of Sharjah 2018-19. PI**
2. Biochemical studies on alleviating the oxidative stress injury in laparoscopic cholecystectomy. **Project No. 487/430. Principal Investigator. 2009 to 2012**
3. The Use of abdominal binders to reduce the incidence of post operative seroma formation after laparoscopic mesh repair of ventral hernias. **Project No. 256/429. Principal Investigator. 2013-16**
4. Stapled versus Milligan-Morgan hemorrhoidectomy: a multi center, prospective, randomized, and controlled trial. **Project No. 430/743. Principal Investigator. 2010-12**
5. 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**
6. The correlation of *H. pylori* with gallstones. **Project 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. I am also providing my input for the curriculum revision and more integrated strategies in the delivery of curriculum and in assessment modalities. I am also overseeing the college curriculum, recruitment, promotions, and administrative roles. In addition, I am entrusted with administrative roles in the faculty.

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 a world-class collaborative research. This includes collaboration with the AIMS Academy Milan Italy and University of Leicester UK. 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 wealth of administrative roles where I oversee faculty, students and administrative staff for smooth delivery of mission of the college. As head of surgery unit, I am responsible to organize year 4 and 5 surgery courses, assessment, and necessary interventions.

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 Training Courses

1. **9-10 Dec 2017 Faculty** Intercollegiate Basic Surgical Course CTC **Univ of Sharjah UAE**
2. **6-9 Nov 2017 Faculty** Intensive Laparoscopic Surgery Course AIMS Academy **Milan Italy**
3. **28-29 Sept 2017** Intercollegiate Basic Surgical Course Observer CTC **Univ of Sharjah UAE**
4. **26-28 Oct 2016 Faculty** Advanced Laparoscopic Course for Colorectal Surgery and Fast Track Protocol **AIMS Milan Italy**
5. **4-6 Oct 2016** Recent Advances and Updates in Surgery and Surgical Education KFSHRC Saudi Arabia
6. **20-22 April 2016** 11th Int'l Medical Education Conference (IMEC) **Kuala Lumpur Malaysia**
7. **18th Jan 2016** Journal citation report and Endnote training by Thompson Reuters **Taibah Univ**
8. **4-6 Dec 2015** 1st Middle East Interprofessional Education Conference **Doha Qatar**
9. **4th Nov 2015.** Plagiarism; causes and online demonstration on iThenticate software
10. **22-26 February 2015** Laparoscopic Colorectal Surgery Workshop **AIMS Academy Milan Italy**
11. **27-29 Jan 2015** 6th PBL Course by Maastricht University at Alsulaiman Alrajhi Colleges **Saudi Arabia**
12. **3-5 Jan 2015** Colorectal Surgery updates Dar Hospital **Madina Saudi Arabia**

13. **22-23 March 2014** Pediatric Disorders Dar Hospital **Madina Saudi Arabia**
14. **16-17 March 2014** Health Problems in Neonates Dar Hospital **Madina Saudi Arabia**
15. **7-9 Jan 2014** Int'l Conference in Physiological Computing Systems **Lisbon Portugal**
16. **30-31 Oct 2013** Advanced Laparoscopic Course for Bariatric Surgery **AIMS Milan Italy**
17. **18-19 Oct 2012** Advanced laparoscopic Course for Bariatric Surgery **AIMS Academy Milan Italy**
18. **28-29 Sept 2012** 2nd Elsevier Middle East Editors' Conference, **Jordan**
19. **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.
20. **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.
21. **27-28 April 2012** Int'l Research Workshop. Mastering Survey Methodology and Data Analysis using SPSS. Research Center for Training and Development.
22. **22-24 March 2012** Int'l Research Workshop. Applied Quantitative Techniques and Data Analysis for Researchers. Research Center for Training and Development.
23. **22-24 March 2012** Int'l Research Workshop. Mastering dissertation/thesis/paper writing. Research Center for Training and Development.
24. **20 Dec 2011** Small group teaching, University of **Dundee UK**.
25. **29 Nov 2011** Workplace based assessment; webinar by the University of **Dundee UK**.
26. **15 Dec 2011** Clinical Simulation Instructor Course, King A'Aziz Univ **Jeddah KSA**
27. **25-26 Nov 2011** Developing a researcher, Research Institute, **Lahore**
28. **23 July 2011** Managing plagiarism in academic research, Research Institute **Lahore**
29. **21-25 April 2011** Role of teacher in Medical education, University of Dundee, **Dundee UK**
30. **8-9 Feb 2011** Statistics, Biostatistics, and Econometrics, **Lahore**
31. **4-6 Jan 2011** Medical Malpractice Conference, **Taibah University Saudi Arabia**
32. **11 Sept 2010** EURO-NOTES 2010 Rome Italy
33. **28-30 July 2010** Laparoscopic colorectal surgery, **AIMS Academy Milan Italy**
34. **3-4 July 2009** Natural Orifice Transluminal Endoscopic Surgery Course (NOTES), IRCAD Asian Institute of Telescopic Surgery **Taiwan**
35. **4-7 May 2009** Upper GI Laparoscopic Course, Cushieri Skills Center, **University of Dundee UK**
36. **9-13 Mar 2009** Intensive Course in Laparoscopic General Surgery, Strasbourg University, European Institute of Telescopic Surgery, **Strasbourg France**
37. **3-5 Feb 2009** 10th Int'l Symposium on Gastroenterology and Hepatology, **Madina, Saudi Arabia**
38. **3-6 Dec 2007** Lower GI Laparoscopic Course, Cushieri Skills Center, **Dundee UK**
39. **9-11 Jul 2007** Lower GI Symposium, Leicester Royal Infirmary, **Leicester UK**
40. **8th Apr 2007** Radiological interventional procedure in treating renovascular hypertension at Saudi German Hospital **Madina Saudi Arabia**
41. **16-18 Feb 2007** Current trends in Medical Education, Taibah University **Madina Saudi Arabia**
42. **28-30 May 2006** ATLS Course by The ACS **Riyadh Saudi Arabia**
43. **13 May 2006** Mini Symposium on laparoscopic hernias, King Saud Univ. **Riyadh Saudi Arabia**
44. **17 Dec 2005** 6th Doppler Applications Course, King Saud University **Riyadh Saudi Arabia**
45. **19-23 Nov 2005** 7th Integrated Surgical Course for Arab Board King Saud Univ **Riyadh Saudi Arabia**
46. **8 Jun 2005** Laparoscopic repair of incisional hernia, King Saud University **Riyadh Saudi Arabia**
47. **28 April 2005** 5th Annual Research Conference, at King Saud University **Riyadh Saudi Arabia**
48. **4 Jan 2005** 22nd Seminar on Thyroid Masses. King Khalid Univ Hosp **Riyadh Saudi Arabia**
49. **11-14 Nov 2004** Int'l Conference on Advanced Laparoscopic Procedures King Faisal Specialist Hospital and Research Center **Riyadh Saudi Arabia**

50. **7-9 Oct 2003** 3rd Int'l Symposium on Laparoscopic Surgery, King Khalid Univ **Riyadh Saudi Arabia**
51. **6-8 Mar 2002** 7th National Surgical Conference by Society of Surgeons **Lahore Pakistan**
52. **2-3 May 2001** 8th Biennial International Surgical Conference Lahore By the Society of Surgeons **Pakistan**
53. **20-23 Oct 2000** 1st APPNA Int'l Med Conference, Allama Iqbal Medical College **Lahore Pakistan**
54. **10-11 Mar 2000** National Surgical Conference KEMC **Lahore Pakistan**
55. **03-4 Feb 1998** Advanced Laparoscopic Skills Course, Royal College of Surgeons England **London UK**
56. **22 Jan 1997** ATLS Update Course at Leicester Royal Infirmary **Leicester UK**
57. **6-7 Nov 1997** Laparoscopic Cholecystectomy Course Trent Training Center LGH **Leicester UK**
58. **3-5 Mar 1997** Basic Surgical Skills Course, Trent Training Center, LGH **Leicester UK**

Int'l and National Presentations and Lectures

- + Lapses of academic integrity as measured by Dundee Polyprofessionalism Inventory I: Academic Integrity **AMEE The OTTAWA-ICME 2018 Abu Dhabi UAE 14th March 2018**
- + Recurrence of colorectal cancer after curative open and laparoscopic surgery at **5th Emirati German Conference Univ of Sharjah UAE 26-28 Nov 2017**
- + Interactive Tutorials for PhD students for research Univ of Sharjah **17th April 2017**
- + Research Seminar “ethical issues and IRB requirements” Univ of Sharjah **18th March 2017**
- + 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
- + Reasons and consequences of plagiarism: An online iThenticate usage. Taibah Univ **Nov 2015**
- + Peer Review and Journal Scientometrics. Research Day Taibah University **6th May 2013**
- + Scholarly Writing, online EndnoteX5 training. Faculty Development Program, Taibah Univ **Jan 2013**
- + Research Ethics and Plagiarism, Faculty Development Program, Taibah Univ **10 Oct 2011**
- + Asian Conference on Computer Aided Surgery, Lukang Taiwan **3-4 July 2009**
- + Stapled versus conventional hemorrhoidectomy: Short term results. Madina Surgical Club **Nov 2007**
- + The Molecular and Genetic Basis of Colorectal Carcinoma. Int'l Surgical Conference by Riyadh Surgical Club Riyadh Saudi Arabia **May 2007**
- + The Non Surgical Management of Colonoscopic Perforations. Madina Surgical Club **May 2007**
- + Our Early Experience with Laparoscopic Adjustable Gastric Banding. King Saud Univ Riyadh **March 2006**
- + 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**
- + Preoperative assessment- Continuous Medical Education Course for Saudi Board in Oral and Maxillo facial Surgery **June 2003**
- + Adult Intussusception at Grand Surgical Meeting, College of Medicine and King Khalid University Hospital, Riyadh **Sept 2002**
- + Peripheral vascular injuries – Jinnah Hospital, Lahore experience – 8th Biennial International Surgical Conference, Lahore **March 2001**
- + Ruptured traumatic pseudoaneurysm of femoral artery at Clinicopathological Conference, Allama Iqbal Medical College Lahore **February 2001**
- + Ganglioneuroma of suprarenal gland at Clinical Conference of Society of Surgeons Pakistan, Lahore **November 2000**
- + Acute peripheral vascular injuries – Jinnah Hospital experience at 1st AIMC / APPNA Int'l Medical Conference Vascular Surgery Workshop **October 2000**

- ✦ Extremity vascular trauma – Jinnah Hospital experience at 2nd AIMC / APPNA International Medical Conference Vascular Surgery Workshop **October 2002**
- ✦ Recurrent medullary carcinoma of the thyroid at Clinical Conference, Allama Iqbal Medical College, Lahore **August 1999**
- ✦ The predictive value of color duplex in the diagnosis of peripheral vascular disease at Leicester General Hospital Leicester UK **Jan 1997**

Teaching Experience

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 gastropasty 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 studded 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. These procedures were initially performed under supervision and later on in consultation with the on call consultant. To date I have performed 49 vascular reconstructive procedures by using autogenous and prosthetic grafts, a series published in Saudi Medical Journal. This exposure strengthened my clinical acumen, decision making, awareness of risk management and clinical governance.

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 1994

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

I wish to expand my expertise by taking a senior teaching post with clinical and educational commitments in Surgery Department of a University. I look at this as broadening my horizon in the minimally invasive surgery and surgical oncology, which I am capable of doing independently. I would hope to continue both my clinical and academic interests in the setting of a Teaching Institution.

Referees

Will be furnished upon request