



The recently concluded Shalamar academic conference was a robust and insightful event, featuring a total of **53 sessions**. These sessions were thoughtfully categorized to cater to a diverse audience:

Total Scientific Session	53
Undergraduate	03
Postgraduate	02
Other Specialties	45
State of the art 1 and 2 and panel discussion	03

The conference was anchored by three major plenary events, which included:

1. **State of the Art – I**
2. **State of the Art – II**
3. **Plenary Panel Discussion**

State of the Art 1

Date: April 23, 2025

Time: 09:00 am – 11:15 am

Venue: Auditorium – 3rd Floor, Shalamar Medical & Dental College

Chair: Dr. M. Tariq

Moderator: Dr. Sohail A. Qureshi

The 9th International Conference was formally inaugurated with an inspiring Opening Ceremony. The session commenced with Opening Remarks by Prof. Zahid Bashir, Principal of Shalamar Medical and Dental College, who highlighted the institution's unwavering commitment to innovation, academic excellence, and global collaboration in the field of medical education and research.

This was followed by a Welcome Address by Mr. Shahid Hussain, Chairman of the Businessmen Hospital Trust, who emphasized the significance of interdisciplinary learning and academic partnerships in transforming medical education in Pakistan.

This session set an intellectually stimulating tone for the conference with high-impact presentations that spanned neuroscience, behavioral health, addiction science, and molecular biology. Featuring global experts, the session bridged foundational biomedical knowledge with forward-looking translational applications.

Dr. Ali Jawaaid

Topic: *“The Role of Lipid Messengers and microRNA in Susceptibility to Neuropsychiatric Disorders: Across the Life Span and Across Generations”*

Dr. Jawaaid presented compelling evidence linking lipid signaling molecules and epigenetic mechanisms like microRNA to vulnerability in neuropsychiatric conditions. His multi-generational perspective highlighted how these factors may be inherited, shaping future preventive strategies.



Prof. Lisa Rucker

Topic: *“Cessation of Smoking”*

Prof. Rucker’s session offered clinical updates and behavioral intervention models for smoking cessation. Emphasis was placed on integrating cessation strategies in primary healthcare settings to address preventable morbidity.



Prof. Renato Paro

Topic: *“Cellular Memory in Regeneration and Cancer”*

Prof. Paro elaborated on how cells “remember” previous states and how this memory impacts both regenerative processes and oncogenesis. His molecular insights have implications for targeted therapies and tissue engineering.



State of the Art 2

Date: April 26, 2025

Time: 09:00 am – 11:00 am

Venue: Auditorium – 3rd Floor, Shalamar Medical & Dental College

Chair: Dr. Ahsan Sethi

Moderator: Dr. Anila Jaleel

State of the Art 2 brought together leading medical educators and institutional leaders to address the future of health professions education. This session focused on educational leadership, future-ready curriculum development, and collective competence in healthcare. Speakers emphasized the evolving needs of medical institutions to align with 21st-century healthcare demands, including adaptability, interdisciplinary training, and sustainability in teaching practices.

Prof. Rehan A. Khan

Topic: *“From Stethoscope to Strategy: The Unspoken Curriculum of Business Management Missing in Medical Education”*

Prof. Khan shed light on a critical gap in medical training—the lack of leadership and business acumen among physicians. He called for integrating modules on healthcare finance, human resource management, and strategic planning to prepare future clinicians for complex systems.



Dr. M. Al Eraky

Topic: *“The Future of Medical Schools”*

Dr. Eraky envisioned next-generation medical institutions built around adaptive learning environments, technology-enabled instruction and competency-based curricula. His talk urged stakeholders to rethink conventional schooling in light of emerging digital ecosystems and global

health needs.



Dr. Ahsan Sethi

Topic: “None of Us Is as Smart as All of Us: Harnessing Collective Competence in Healthcare”

Dr. Sethi emphasized that high-functioning teams—not individuals—drive modern healthcare excellence. He introduced the concept of *collective competence*, highlighting the need for teamwork training, shared decision-making and reflective collaboration within educational systems.



Prof. Vishna Devi

Topic: “Future-Proofing Faculty Development: Staying Relevant for Health Professions and Healthcare”

Prof. Devi concluded the session by addressing faculty resilience and upskilling. She argued that faculty development must go beyond workshops and include mentoring, digital pedagogy, and leadership training to stay aligned with evolving learner profiles.



Panel Discussion – “*From Classroom to Clinic: Are Our Graduates Prepared for Pakistan’s Healthcare Sector?*”

Date: April 26, 2025

Time: 11:30 am – 1:30 pm

Venue: Auditorium – 3rd Floor, Shalamar Medical & Dental College

Moderator: Dr. M. A. Wajid

Panelists:

Prof. Faisal Sultan – CEO, Shaukat Khanum Memorial Cancer Hospital



Prof. Mahmood Shaukat – Professor of Pediatric Surgery; Ex-Principal AIMC; Ex-Vice Chancellor UHS



Prof Arshad Taqi- Ex-President, Pakistan Medical Commission Medical Director, Indus Hospital Lahore



Prof. Dr Abdul Majeed Chaudhry- Ex-Principal Lahore Medical and Dental College



Prof Dr Muhammad Moin- Pro-Vice Chancellor of King Edward Medical University



The closing session of the 9th International Conference featured one of its most anticipated events—a high-impact panel discussion. Esteemed leaders from academia and healthcare management engaged in a critical and constructive dialogue on the readiness of medical graduates to navigate the complexities of real-world clinical practice.

The discussion spotlighted pressing gaps between current educational models and the practical demands of Pakistan’s healthcare system, calling for urgent curriculum reform, enhanced early clinical exposure, and better alignment with national health priorities. With a shared spirit of responsibility and vision, panelists offered actionable strategies to strengthen the graduate training pipeline.

The session concluded on a powerful and reflective note with closing remarks by Prof. Zahid

Bashir, Principal of Shalamar Medical and Dental College, who reaffirmed the institution's unwavering commitment to innovation, academic excellence, and transformative medical education. Mr. Shahid Hussain, Chairman of the Businessmen Hospital Trust, offered heartfelt appreciation to all contributors and attendees, emphasizing the enduring value of collaboration and shared purpose in shaping a stronger, patient-centered future for healthcare in Pakistan.

Scientific Session:

The parallel scientific sessions of the 9th International Conference were a vibrant testament to Pakistan's growing commitment to research-led healthcare and education. Held across multiple venues, these sessions featured over 100 oral and poster presentations from medical students, residents, faculty, and international scholars. The contributions spanned an impressive spectrum of clinical innovation, foundational sciences, epidemiological insights, and educational reform each presentation aligning seamlessly with the conference's theme: *"Bridging Theory and Practice."* More than a collection of academic papers, the sessions formed a collective call to action: for interdisciplinary collaboration, evidence-based strategies, and a renewed culture of scholarly inquiry amidst modern healthcare challenges.

The surgery sessions captured the evolving nature of operative medicine—where traditional techniques are being redefined by technology and guided by a patient-centered ethos. Systematic reviews explored the comparative benefits of robotic versus laparoscopic approaches in various procedures, while AI applications in trauma triage and surgical decision-making drew particular interest. Presentations also emphasized the role of simulation-based training, audit-driven quality improvement and team-based perioperative care. These sessions reflected a clear paradigm shift: toward safer, smarter, and more personalized surgical practice.

Sessions in internal medicine, psychiatry, infectious diseases, and emergency care offered a holistic view of patient management. Presenters examined the multifaceted nature of chronic disease, mental health, and post-pandemic public health recovery. Topics such as burnout in healthcare workers, emotional resilience and moral distress during COVID-19 reinforced the urgency for institutional systems that support healthcare providers. The role of telemedicine, AI-assisted diagnostics and public health literacy was explored as critical tools in bridging gaps in care delivery. Altogether, these sessions emphasized the importance of treating patients as whole individuals addressing both biological and humanistic determinants of health.

The basic science presentation spanning physiology, biochemistry, pharmacology and forensic medicine highlighted how foundational knowledge is fueling translational progress. Researchers presented on molecular diagnostics, epigenetic targets and natural therapeutic agents like quercetin and probiotics. Forensic medicine sessions explored novel techniques such as postmortem nanotech analysis and the ethical dimensions of medico-legal work. These presentations bridged the gap between laboratory discovery and clinical relevance, showcasing the potential of interdisciplinary science to impact patient outcomes.

This year's conference offered a strong platform for nursing and allied health professionals, whose work focused on simulation-based skills training, nursing autonomy and interprofessional collaboration. These sessions underscored the value of empowering non-physician healthcare

providers in delivering effective, patient-centered care. Meanwhile, sessions in bioethics addressed pressing questions on the ethical use of AI, professional conduct in undergraduate training, *and* moral complexities in end-of-life care. These contributions emphasized that while medicine evolves technologically, its foundation must remain deeply rooted in human dignity, integrity, and ethical accountability.

The parallel sessions were further enriched by the enthusiastic participation of undergraduate and postgraduate researchers. Their work reflected academic maturity, reflective inquiry, and a progressive vision for healthcare education. Presentations on peer-assisted learning, clinical preparedness under integrated curricula and the comparison of AI versus traditional study tools demonstrated a fresh, forward-thinking perspective. These young voices echoed a shared desire to innovate responsibly and enhance medical education from within.

The parallel scientific sessions of the 9th International Conference offered more than a platform for academic dissemination they cultivated a multidisciplinary dialogue grounded in innovation, integrity, and compassion. From robotic surgery and AI-enhanced diagnostics to nursing empowerment and ethical deliberation, the sessions reflected the full breadth of modern healthcare. As boundaries between disciplines continue to dissolve, this conference reaffirmed a powerful message: the future of medical education and healthcare research lies in the integration of knowledge, technology, and human values.

Conference Speakers

Key Note Speaker	
Dr. Mohamed M. Al-Eraky Associate Professor, Head of HPE Dept., and Director of MHPE & PhD in HPE programs, Gulf Medical University, UAE.	
Prof. Vishna Devi V Nadarajah CEO, Provost and Professor of Medical Education, Malaysia	

Dr. Lisa Rucker Professor of Clinical Medicine, Albert Einstein College of Medicine, Bronx, NY	
Dr. Ahsan Sethi Associate Professor, Program Lead, Chair RNG Health Professions Education, QU Health, Qatar University, Doha, Qatar	
Prof. Rehan Ahmed Khan Dean, Riphah Institute of Assessment & HOD & Prof. of Surgery, Pakistan	
Dr. Ali Jawaid Senior Group Leader, Head, Laboratory of Translational Research in Neuropsychiatric Disorders, Poland	
Prof. Renato Paro Professor Emeritus at the Department of Biosystems Science and Engineering, Switzerland	

Dr. Faisal Sultan CEO, Shaukat Khanum Memorial Cancer Hospital, Pakistan	
Prof Arshad Taqi Ex-President, Pakistan Medical Commission Medical Director, Indus Hospital Lahore	
Prof. Mehmood Shaukat Professor of Pediatric Surgery; Ex-Principal AIMC; Ex- Vice Chancellor UHS	
Prof. Dr Abdul Majeed Chaudhry Ex-Principal Lahore Medical and Dental College	

Prof Dr Muhammad Moin

Pro-Vice Chancellor of King Edward Medical University

**Invited Speaker****Dr. Masood Jawaid**

Director Medical Affairs & eLearning, PharmEvo,
Associate Editor, Pakistan Journal of Medical Sciences,
Pakistan

**Dr. Syed Moyn Aly**

Faculty, Department of Educational Development,
AKU, Pakistan

**Dr. Manjit Kaur Khaira**

Senior Lecturer/Program Coordinator Bachelor of
Nursing, Faculty of Nursing, University of Cyberjaya,
Malaysia



Dr. Salman Kirmani

Chair, Division of Women & Child Health, Aga Khan University, Karachi, Pakistan

**Workshops**

Total number of workshops: 50

**Workshop Title:****Updates in Reproductive Endocrinology + Benign Gynecology****Facilitator: Dr. Zaraq Khan**

Chair, Division of Reproductive Endocrinology and Infertility, Division of Minimally Invasive Gynecologic Surgery, Department of Obstetrics and Gynecology; Division of Pediatric and Adolescent Gynecology Mayo Clinic



Date: 25th February 2025

Department: Obstetrics and Gynecology

Held on 25th February 2025, this workshop was organized by the Department of Obstetrics and Gynecology and facilitated by Dr. Zaraq Khan, an expert gynecologist and reproductive endocrinologist. The session focused on the latest evidence-based approaches in managing common endocrine disorders affecting female reproduction, alongside key updates in the diagnosis and treatment of benign gynecological conditions. Participants gained valuable insights into contemporary clinical practices, with discussions enriched by real-case scenarios and recent guideline updates.

Office Hysteroscopy

Facilitator:

Dr. Zohra Khanum
Prof. Nazli Hameed
Dr. Rabia Mushtaq
Dr. Shaherzad Sohail

Date: 14th March 2025

Department: Obstetrics and Gynecology

This focused workshop offered an in-depth overview of office-based hysteroscopy emphasizing its role as a minimally invasive diagnostic and therapeutic tool in gynecological practice. Participants were introduced to the indications, techniques, and equipment used in outpatient hysteroscopy, along with guidance on patient selection and procedural safety.

Mastering Laser Proctology

Facilitator: Prof. Dr Waris Farooqa

Robotic/Laparoscopic Surgeon
FCPS| FRCSEd| FACS| MCPS-HPE| Dip MIS



Date: 7th April 2025

Department: Surgery

This surgical workshop focused on the principles and techniques of laser-based interventions in proctology. Facilitators guided participants through the indications, advantages, and outcomes of laser treatments for conditions like hemorrhoids and fistula-in-ano. The workshop blended theory with live demonstrations, promoting safer, minimally invasive approaches in colorectal surgery.

Beyond Book-Smarts: Utility of Situational Judgment Tests in Holistic Admissions in Professional Training Programs

Facilitator:

Dr. Zafar Iqbal

Research Scientist at Acuity Insights in Canada



Date: 8th April 2025

Department: Medical Education

This interactive workshop focused on introducing participants to the basic concepts of Situational Judgment Tests (SJTs) and their growing utility in holistic admissions for professional education programs. Facilitated by Dr. Zafar Iqbal, the session aimed to deepen understanding of how SJTs can evaluate essential non-cognitive attributes such as empathy, integrity, professionalism and ethical decision-making elements often overlooked in traditional

academic assessments. Through practical engagement, Dr. Zafar shared real-world examples and scenarios commonly used in SJT design, encouraging group-based discussions and reflection. The session provided a hands-on introduction to how SJTs can be meaningfully integrated into local admissions processes. It was indeed a well-received and enriching experience, especially in light of the ongoing shift toward more comprehensive and fair student selection methods.

Advanced practices in peritoneal Dialysis for pediatric patients

Facilitators:

Prof. Noreen Akhtar
Dr. M. Umer Razzaq
Dr. Adeela Chaudhary
Dr. Rabia Hafeez

Date: 8th April 2025

Department: Pediatrics

This specialized workshop offered a focused and clinically rich session on advanced practices in peritoneal dialysis (PD) for pediatric patients. The session addressed critical updates in PD protocols, complication management, and patient-centered care strategies. The facilitators emphasized the importance of early intervention, catheter care, fluid management and infection control, while also highlighting the psychosocial needs of children undergoing long-term dialysis. Interactive case discussions and practical tips enhanced participants' understanding of real-world challenges in pediatric nephrology. The workshop proved valuable for clinicians aiming to improve outcomes and quality of life for pediatric patients requiring renal replacement therapy.

Global Surgical Career Pathways A Roadmap for Pakistani Graduates

Facilitators:

Prof. Talat Waseem
FRCS England, FRCS (GenSurg), FACS, MME
Postdoctoral Fellowship Surgical Research (Harvard),
Chief of Surgery & Allied
Consultant Endocrine Surgeon & Surgical Oncologist,
Shalamar Institute of Health Sciences, Lahore



Dr. Zulqarnain Haider

Date: 9th April 2025

Department: Surgery

This engaging session facilitated by Dr. Zulqarnain Haider and Prof. Talat Waseem, provided valuable insights into pursuing surgical careers on an international scale. Aimed at guiding Pakistani medical graduates, the workshop outlined the various pathways, examinations, and credentialing processes required for surgical training and practice in countries such as the UK, USA, Canada, and the Gulf region. The facilitators shared their personal experiences, highlighted global opportunities, and addressed key challenges faced by international applicants. The session was highly appreciated for its clarity, mentorship value, and practical roadmap for aspiring global surgeons.

Masterclass and workshop with focus on advanced Laproscopic surgery for Endometriosis

Facilitators:

Dr. Samina Saleem

Dr. Alia Bano

Dr. Safia Sultana



Date: 10th April 2025

Department: Obstetrics and Gynecology

The Masterclass and Workshop on Advanced Laparoscopic Surgery for Endometriosis was a specialized and high-impact training session led by a distinguished panel of facilitators: Dr. Samina Saleem, Dr. Alia Bano and Dr. Safia Sultana. This workshop provided a deep dive into the complexities of endometriosis management through minimally invasive surgical techniques. With a focus on advanced laparoscopic procedures, the session covered detailed anatomical orientation, identification and excision of endometriosis lesions, and strategies for managing deep infiltrating endometriosis. Participants benefited from expert-led demonstrations, surgical video analyses, and interactive case discussions. The facilitators shared their clinical expertise and tips from real-life operative experiences, making the session rich in practical insights. It was highly appreciated for blending theoretical excellence with surgical precision, empowering gynecologists and surgical trainees to approach complex cases with confidence and competence.

Non Operative Fracture management for Ortho Residents

Facilitators:

Prof. M. Saleem
Prof. M. A. Wajid
Dr. Wasif
Dr. Haseeb
Dr. Mian Hanif
Dr. Ali

Date: 13th April 2025

Department: Surgery

This comprehensive workshop, designed specifically for orthopedic residents, focused on the principles and techniques of non-operative fracture management. Facilitated by a distinguished panel including Prof. M. Saleem, Prof. M. A. Wajid, Dr. Wasif, Dr. Haseeb, Dr. Mian Hanif and Dr. Ali, the session covered a range of topics such as fracture classification, immobilization techniques, casting, splinting, and clinical decision-making in conservative treatment. The hands-on training component enabled participants to practice essential skills under expert guidance. The workshop was highly interactive, clinically relevant, and well-received for reinforcing foundational orthopedic practices.

Leading with the Teams: How to formulate Winning Teams

Facilitators:

Prof. Talat Waseem
Dr Ahsan Shafiq

Date: 28th April 2025

Department: Surgery

Mastering Clinical Audit

Facilitator:

Prof. Azra Mahmud

Dr. Zafar Aleem Suchal

Date: 8th May 2025

Department: Clinical Research

Microbiological Safety: Biosafety Cabinets to Lab Practices

Facilitator:

Mr. Adnan Farooq

Mr. Abdul Wahid

Date: 14th April 2025

Department: SSAHS

FILLERS MASTERCLASS - MIDFACE

Facilitators:

Prof. Atif Shehzad

Dr. Abdul Hameed

Dr. Wajiha Saeed

Dr. Uzma Sarwar

Date: 15th April 2025

Department: Dermatology

This expert-led masterclass focused on advanced techniques for midface rejuvenation using dermal fillers. Facilitated by Prof. Atif Shehzad, Dr. Abdul Hameed, Dr. Wajiha Saeed and Dr. Uzma Sarwar, the session combined anatomical insights with live demonstrations, offering participants hands-on experience in safe and effective filler application.

Thoracic surgery

Facilitator:

Prof. M. Touseef Asghar

Prof. Muhammad Shoaib Nabi

Date: 16th April 2025
Department: Surgery

A holistic Approach towards Pediatric Physical Therapy Assessment

Facilitator:
Dr. Shoaib Waqas

Date: 16th April 2025
Department: SSAHS

Ethics in Communication: Navigating Difficult Choices through Dialogue

Facilitator:
Dr. Syed Adeel Hussain Gardezi
Classified Pathologist, Consultant Microbiologist, Assistant Professor Pathology,
Department of Microbiology
Armed Forces Institute of Pathology Rawalpindi



Date: 17th April 2025
Department: Bio-ethics

This profoundly engaging workshop brought the delicate art of ethical reasoning into focus, emphasizing the power of communication in navigating complex moral choices in healthcare. Facilitated by Dr. Syed Adeel Hussain Gardezi, the session moved beyond theoretical constructs and placed participants in the heart of real-life ethical dilemma encouraging open dialogue, respectful listening, and value-based decision-making. With a focus on empathy, patient autonomy, and professional integrity, the workshop challenged participants to rethink how ethical discourse is practiced in clinical settings. It was a deeply human session, reminding us that ethics is not just about rules—it's about relationships, reflection, and responsible action.

Basic Hands On Workshop on Spirometry

Facilitator:
Dr Taha Waqas

Dr. Iqra Anwaar

Date: 17th April 2025

Department: Pulmonology

This workshop provided a practical introduction to the fundamentals of spirometry, one of the most essential tools in pulmonary function testing. Facilitated by Dr. Taha Waqas and Dr. Iqra Anwaar, the session focused on the correct techniques for performing spirometry, interpreting results, and understanding its clinical relevance in diagnosing and managing respiratory conditions. The hands-on component allowed participants to engage directly with spirometry equipment, enhancing their confidence and competence in using it. The workshop was highly appreciated for its clinical applicability and interactive format.

Symposium Urogynecology Updates

Facilitator:

Prof. Nazli Hameed

Dr. Ahmet Akin

Dr. Shaherzad Sohail

Dr. Sheema Yousaf

Date: 17th April 2025

Department: Obstetrics and Gynecology

Meta-analysis- From Concept to Application

Facilitator:

Dr. Zafar Aleem Suchal

Prof. Azra Mahmud



Date: 17th April 2025

Department: Clinical Research

This insightful workshop was facilitated by **Prof. Azra Mahmud** and **Dr. Zafar Aleem Suchal**. The session offered participants a comprehensive understanding of the principles and practical applications of meta-analysis in clinical research. Emphasis was placed on formulating research questions, selecting appropriate statistical models, and interpreting pooled results. The workshop also included hands-on exercises, equipping participants with the skills to critically appraise and conduct meta-analyses.

Polymerase Chain Reaction (Laboratory based)

Facilitator:

Dr Uzma Akhtar
Professor of Anatomy
Shalamar Medical and Dental College



Date: 18th April 2025

Department: Research& Innovation

The Polymerase Chain Reaction (PCR) workshop was a laboratory-based, skill-oriented session facilitated by Dr. Uzma Akhtar. This hands-on workshop provided participants with foundational and advanced insights into one of the most widely used molecular biology techniques in medical research and diagnostics. Dr. Uzma expertly guided attendees through the principles of PCR, including DNA extraction, primer design, thermal cycling, and result interpretation using gel electrophoresis. Participants actively engaged in laboratory procedures, gaining practical exposure to handling reagents, troubleshooting errors, and ensuring accuracy in amplification. The workshop also highlighted real-world applications of PCR in clinical diagnostics, infectious disease detection, and genetic studies.

Applying constructivism principles to enhance student engagement in clinical teaching

Facilitator:

Dr. Syed Moyn Aly
Faculty, Department of Educational Development, AKU, Pakistan



Date: 19th April 2025

Department: Medical Education

Rooted in the constructivist theory of learning, this interactive workshop delved into how clinical educators can design more engaging, student-centered learning experiences in real-world clinical settings. Participants explored how to shift from traditional didactic methods toward constructive, experience-based learning that encourages students to analyze, question, and derive meaning through patient interactions. The session introduced practical strategies—like reflective questioning, bedside teaching with feedback, and collaborative decision-making—that help transform routine clinical encounters into powerful educational moments. With an emphasis on active participation and critical thinking, the workshop offered both a philosophical and practical lens on how to elevate student engagement in the clinical years.

Use of cinema education to support education and learning

Facilitator:

Dr. Syed Moyn Aly

Faculty, Department of Educational Development, AKU, Pakistan



Date: 19th April 2025

Department: Medical Education

Blending the power of storytelling with medical education, this lively and forward-thinking workshop introduced participants to the emerging technique of cinema education an approach that uses film and media to illuminate key concepts in ethics, empathy, communication, and professionalism. Facilitated by the enthusiastic and creative Dr. Syed Moyn Aly, the session was both interactive and enjoyable, as attendees watched selected cinematic clips followed by reflective discussions. Participants explored how films can become tools to spark critical thinking, build emotional intelligence, and make learning more relatable and memorable for students. The atmosphere was light, the insights were deep, and the message was clear: education, when fused with creativity, becomes unforgettable.

Basic Hands on workshop on Upper GI Endoscopy

Facilitator:

Prof. Haroon Yousaf

FCPS Professor, Head of Gastroenterology & Hepatology Department
Shalamar Institute of Health Sciences, Lahore.



Date: 21st April 2025

Department: Medicine

Facilitated by Prof. Haroon Yousaf, this workshop provided foundational training in upper gastrointestinal endoscopy. Participants gained practical exposure to endoscopic techniques, instrumentation handling, and diagnostic approaches in a controlled, hands-on setting, enhancing their procedural competence and clinical confidence.

Fundoscopy: Mastering The Art of Ocular Examination

Facilitator:

Prof. Khalid Mahmood Najmi

F.C.P.S, DOMS

Professor of Ophthalmology

Shalamar Institute of Health Sciences, Lahore

Department of Ophthalmology



Date: 21st April 2025

Department: Ophthalmology

The workshop titled "Fundoscopy: Mastering the Art of Ocular Examination", organized by the Ophthalmology department, was a highly practical and skills-oriented session conducted by Prof. Khalid Mahmood, a respected authority in clinical ophthalmology. Designed to strengthen participants' confidence and competence in fundoscopy, the session focused on enhancing visual diagnostic skills critical for detecting retinal and optic nerve pathologies. Through detailed demonstrations, hands-on practice, and guided peer learning, Prof. Mahmood provided participants with the opportunity to refine their examination techniques using both direct and indirect ophthalmoscopy. The workshop emphasized recognizing key retinal landmarks, identifying abnormal findings, and understanding their clinical relevance.

Drug Discovery & Development

Facilitator:

Dr. Sohail Asif Qureshi

Director of Research & Innovation · Shalamar Institute of Health Sciences

Professor of Molecular Biology



Date: 21st April 2025

Department: Research and Innovation

Scientific Grant Writing

Facilitator:

Dr. Ali Jawaid

Senior Group Leader, Head, Laboratory of Translational Research in Neuropsychiatric Disorders, Poland



Date: 21st April 2025

Department: Research and Innovation

Facilitated by Dr. Ali Jawaid this workshop provided a comprehensive guide to crafting competitive research grant proposals. It covered key elements such as defining research questions, aligning with funding priorities, and articulating impact, equipping participants with the skills to secure national and international research funding.

Advancing Nursing Practice: redefining the theoretical and practical integration of knowledge

Facilitator:

Dr. Manjit Kaur Cyberjaya

Dr. Nasim Rafiq

Prof. Sarfraz Masih

Mr. Akash Samual

Date: 21st April 2025

Department: Nursing

Bariatric surgery

Facilitator:

Prof. Maaz ul Hassan

Professor of General & Bariatric Surgery



Date: 21st April 2025

Department: Surgery

This bariatric surgical session conducted by Prof. Maaz ul Hassan, a renowned expert in bariatric surgery, offered participants a real-time view of advanced techniques in obesity management. The session highlighted best practices, operative precision, and intraoperative decision-making in bariatric procedures.

AI from theory to practice: Practical and ethical use of Large Language Models in Medical Education

Facilitator:

Dr Komal Atta

Director, Department of Medical Education,UMDC Faislabad



Date: 21st April 2025

Department: Medical Education

AI from Theory to Practice: Practical and Ethical Use of Large Language Models in Medical Education Facilitated by Dr. Komal Atta, this forward-looking workshop explored the

transformative role of large language models (LLMs) such as ChatGPT in the realm of medical education. The session delved into both the practical applications including personalized learning, assessment design, and content generation and the ethical implications such as data privacy, academic integrity, and responsible AI use. Participants engaged in thought-provoking discussions and hands-on demonstrations, gaining a balanced perspective on integrating AI tools into their educational practices.

Leadership in Higher Education

Facilitators:

Dr. Lisa Rucker

Professor of Clinical Medicine, Albert Einstein College of Medicine, Bronx, NY



Date: 22nd April 2025

Department: Medicine

Leadership in Higher Education was an insightful and thought-provoking session facilitated by Dr. Lisa Rucker. The workshop delved into the evolving landscape of academic leadership, emphasizing the distinct competencies required to lead effectively in institutions of higher learning. Dr. Rucker shared her rich experiences from the U.S. academic environment, highlighting best practices, institutional case studies, and real-world challenges faced by educational leaders. Participants engaged in dynamic discussions and reflective exercises aimed at understanding their personal leadership styles, navigating organizational culture, and driving strategic initiatives in medical education.

Hands on Training for Mastering Phacoemulsification Techniques

Facilitator:

Dr. Muna Ahmed

Head of the Department of Ophthalmology



Date: 22nd April 2025

Department: Ophthalmology

This Hands-on Training workshop was a highly practical and skill-intensive session led by Dr. Muna Ahmed. This workshop was specifically designed for ophthalmologists aiming to refine their microsurgical skills in cataract surgery using the phacoemulsification technique. Participants were guided through each critical step of the procedure, with emphasis on incision creation, capsulorhexis, nucleus emulsification, and intraocular lens implantation. Dr. Ahmed provided individualized supervision, ensuring each participant gained hands-on experience using phaco machines and simulators. The interactive format allowed for real-time feedback and correction, enhancing technical precision and boosting surgical confidence. The workshop was greatly valued by attendees for its clinical relevance and practical utility, contributing meaningfully to their surgical proficiency and patient care standards.

Beyond Literature: Theory verses Practical Challenges in Nursing

Facilitator:

Dr. Manjit Kaur Cyberjaya

Dr. Nasim Rafiq

Prof. Tanzeel ur Rehman

Mr. Amjad Ali

Date: 22nd April 2025

Department: Nursing

Scientific Manuscript Writing

Facilitator:

Dr. Sohail Asif Qureshi

Director of Research & Innovation · Shalamar Institute of Health Sciences

Professor of Molecular Biology



Date: 22nd April 2025

Department: Research and Innovation

Facilitated by Dr. Sohail Asif Qureshi, this workshop guided participants through the essential components of scientific writing, from structuring a manuscript to selecting appropriate journals. It emphasized clarity, academic integrity, and strategies for successful publication in peer-reviewed journals.

Anesthesia

Facilitator:

Prof. Muhammad Mubeen

Date: 22nd April 2025

Department: Surgery

Urology

Facilitator:

Dr. Irfan

Prof. Osama Nawaz

Date: 22nd April 2025

Department: Surgery

Vascular Surgery

Facilitator:

Dr. Sabeeh Nofal

Date: 22nd April 2025

Department: Surgery

Lifestyle Medicine: Transforming Health through Evidence Based Prevention and Sustainable Care

Facilitator:

Dr. Ambreen Haider



Date: 22nd April 2025

Department: Community Medicine

This session highlighted the role of lifestyle medicine in preventing and managing chronic diseases. It emphasized evidence-based interventions focusing on nutrition, physical activity, stress management, and sustainable behavioral change for long-term health outcomes.

Mentorship

Facilitator:

Dr. Ahsan Sethi

Associate Professor, Program Lead, Chair RNG Health Professions Education, QU Health, Qatar University, Doha, Qatar



Date: 23rd April 2025

Department: Medical Education

Venue: Rahbar Medical and Dental College

Mentorship was a highly engaging and reflective workshop facilitated by Dr. Ahsan Sethi, a renowned medical educationist. The session explored the critical role of mentorship in academic medicine, emphasizing its influence on career progression, academic satisfaction, and institutional culture. Dr. Sethi guided participants through the foundational principles of effective mentorship, distinguishing it from supervision and coaching. Interactive discussions and case-based scenarios allowed attendees to examine real-life mentoring challenges and develop personalized strategies for initiating and sustaining meaningful mentor-mentee relationships. Participants left with a deeper appreciation for structured mentorship frameworks, and many expressed a renewed commitment to fostering a supportive and growth-oriented academic environment.

Building Your Academic Legacy: Faculty Portfolio Development

Facilitator:

Prof. Vishna Devi Nadarajah

CEO, Provost and Professor of Medical Education, Malaysia



Date: 23rd April 2025

Department: Medical Education

This focused workshop titled “Building Your Academic Legacy: Faculty Portfolio Development” was expertly facilitated by Prof. Vishna Devi Nadarajah, an internationally recognized authority in faculty development and medical education leadership. The session guided participants through the process of developing a comprehensive academic portfolio—a vital tool for documenting teaching effectiveness, scholarly contributions, professional growth, and leadership activities. Prof. Vishna emphasized the strategic value of portfolios in career progression, promotion, and reflective practice, while sharing best practices adopted at leading institutions worldwide. Participants engaged in hands-on exercises, received peer feedback, and explored various formats and frameworks for presenting evidence of impact. The workshop provided a practical and empowering roadmap for faculty members seeking to take ownership of their academic journey and leave a meaningful professional legacy.

From Brainstorming to Manuscript Writing & Publication: Transforming Research with AI Tools

Facilitator:

Dr. Masood Jawaid

Director Medical Affairs & eLearning, PharmEvo, Associate Editor, Pakistan Journal of Medical Sciences, Pakistan



Date: 24th April 2025

Department: Medical Education

This forward-looking workshop introduced participants to the transformative potential of AI-powered tools in the realm of academic writing and research productivity. From idea generation to manuscript drafting and submission planning, the facilitators walked attendees through a range of AI applications that streamline the research process. The session was highly interactive, featuring live tool demonstrations, hands-on practice, and real-time feedback that empowered participants to explore platforms like AI-based grammar checkers, summarizers, and reference organizers. It was a practical, well-paced, and resource-rich session that left researchers feeling not only equipped, but excited to embrace technology as a collaborative partner in scholarly publishing.

Beyond Lectures: Innovative Approaches to Student Engagement

Facilitator:

Dr. Masood Jawaid

Director Medical Affairs & eLearning, PharmEvo, Associate Editor, Pakistan Journal of Medical Sciences, Pakistan



Date: 24th April 2025

Department: Medical Education

This energizing workshop invited participants to reimagine teaching beyond the confines of the traditional lecture hall. Facilitated by Dr. Masood Jawaid, both respected innovators in medical education, the session introduced a spectrum of modern, evidence-based strategies aimed at enhancing student engagement. From flipped classrooms and gamification to peer learning and real-time feedback tools, participants explored how creative instructional design can transform passive learners into active contributors. The workshop was highly interactive and hands-on, allowing attendees to experience these techniques firsthand through small group activities, digital platforms, and reflective discussions. It not only sparked new ideas but also equipped educators with practical tools to bring energy and depth to their everyday teaching.

From Problem to Practice: Crafting Effective PBL

Facilitator:

Dr. Ahsan Sethi

Associate Professor, Program Lead, Chair RNG Health Professions Education, QU Health,
Qatar University, Doha, Qatar



Date: 25th April 2025

Department: Medical Education

This thoughtfully designed workshop focused on the core principles and practices of Problem-Based Learning (PBL), guiding participants through the essential steps of constructing and conducting effective PBL sessions. Facilitated by Dr. Ahsan Sethi, a recognized name in medical education, the session was highly interactive, encouraging reflective discussion and collaborative exploration of real-world challenges in implementing PBL. Participants gained insights into writing meaningful triggers, structuring tutorials, and facilitating learner-centered inquiry. The workshop created a platform for faculty to exchange experiences, clarify misconceptions, and walk away with practical strategies to strengthen PBL integration in their curricula.

Open book Assessment

Facilitators:

Prof. Vishna Devi Nadarajah

CEO, Provost and Professor of Medical Education, Malaysia



Date: 25th April 2025

Department: Medical Education

Venue: Rahbar Medical and Dental College

This insightful workshop explored the principles and implementation of Open Book Assessment (OBA) in health professions education. Facilitated by esteemed international speaker Prof. Vishna Devi Nadarajah, the session offered a comprehensive overview of how OBAs can foster higher-order thinking, problem-solving, and clinical application of knowledge, moving beyond traditional approaches focused on rote memorization. Participants engaged in interactive discussions and reviewed examples of open book questions, assessment blueprints and rubric design. The facilitator emphasized the importance of aligning OBAs with intended learning outcomes and curriculum objectives, while also addressing concerns around academic integrity and logistical planning. Drawing from her extensive global experience, Prof. Vishna Devi provided valuable insights into how leading medical schools are integrating OBAs to encourage deeper, more meaningful learning. The workshop equipped educators with practical tools to implement OBAs effectively, making it a truly enriching professional development experience.

AI Tools for Clinical Decision Making and Support

Facilitators:

Prof. Rehan Ahmed Khan

Dean, Riphah Institute of Assessment & HOD & Prof. of Surgery, Pakistan



Date: 25th April 2025

Department: Surgery

The workshop was an enlightening evening session facilitated by Prof. Rehan Ahmed Khan, an esteemed figure in surgical education and healthcare innovation. It focused on demystifying artificial intelligence and its practical integration into clinical workflows, particularly within the realm of surgical decision-making. Participants were introduced to contemporary AI-driven tools and platforms designed to assist clinicians in diagnostics, risk assessment, and operative planning. Through illustrative case studies and interactive discussions, the facilitator highlighted the transformative potential of AI in enhancing accuracy, improving efficiency, and optimizing patient outcomes. The session also stimulated meaningful dialogue on the ethical implications of AI use, concerns regarding data privacy, and the institutional readiness required for effective implementation. Overall, it was a forward-looking workshop that equipped healthcare professionals with valuable insights and a futuristic perspective on surgical practice.

Giving Effective feedback

Facilitators:

Prof. Mohamed M. Al-Eraky

Associate Professor, Head of HPE Dept., and Director of MHPE & PhD in HPE programs, Gulf Medical University, UAE.



Date: 26th April 2025

Department: Medical Education

Venue: University of Lahore

This workshop was a highly interactive and practice-focused session organized by the **Medical Education** department. It was facilitated by **Prof. Mohamed M. Al-Eraky**, Associate Professor and Head of the Health Professions Education Department at Gulf Medical University, UAE. With his expertise in faculty development and health professions education, Prof. Al-Eraky led a dynamic workshop centered on the art and science of delivering impactful feedback. The session was structured around small group activities and enriched through role plays and reflection-based learning allowing participants to actively engage in realistic feedback scenarios. Emphasis was placed on core principles such as specificity, timeliness, emotional intelligence, and cultural sensitivity. Participants explored various feedback models and practiced adapting them to different learner contexts. The workshop successfully fostered an environment of mutual learning, equipping attendees with effective communication strategies to support continuous learner improvement in clinical and academic settings.

Skills and Drills in Obstetric emergencies

Facilitator:

Prof. Nazli Hameed

FCPS, FRCOG (UK), EUDOG (France),

Clinical Fellowship Urogynecology (Singapore)

Clinical Fellowship ART (UK) MHPE (UHS)

Chair Maternal & Child Health, SIHS

Department of Urogynaecology and pelvic floor reconstructive surgery



Dr. Rabia Mushtaq
Dr. Shaherzad Sohail
MBBS, FCPS, MCPS, CMT, MHPE
Associate Professor



Date: 27th May 2025
Department: Obstetrics and Gynecology

Exploring EEG: From Data Capture to Cognitive Insight

Facilitator:

Prof. Tipu Sultan
Dr. Zia Ur Rehman
Dr. Azeem Ashfaq
Dr. Javeria Raza Alvi

Dr. Saher Gul Ahdi

Date: 6th May 2025

Department: Pediatrics

This workshop provided an overview of EEG fundamentals, focusing on data acquisition, interpretation, and its application in cognitive neuroscience. Facilitated by experts including Prof. Tipu Sultan and team, it offered hands-on exposure and practical insights.

Surgical safety checklist

Facilitator:

Dr. Rabia Mushtaq

Dr. Faiza Iqbal

Dr. Sadia Mustafa

Date: 12th May 2025

Department: Obstetrics and Gynecology

Symposium on pre-eclampsia..... beyond general obstetrics

Facilitator:

Dr. Shazia Rasul



Dr. Noreen Akmal

Dr. Sara

Date: 22nd May 2025

Department: Obstetrics and Gynecology

This insightful symposium, led by Dr. Shazia Rasul, Dr. Noreen Akmal and Dr. Sara M., focused on the complex and evolving landscape of pre-eclampsia management beyond routine obstetric care. The session highlighted current research, diagnostic innovations, and multidisciplinary strategies for early detection, risk stratification, and long-term follow-up of affected patients. Emphasis was placed on the systemic impact of pre-eclampsia and its implications on maternal and fetal health. The symposium encouraged critical thinking and collaborative dialogue among obstetricians, internists, and postgraduate trainees, making it a valuable academic and clinical exchange.

Updates in the Management of ovarian Cancer

Facilitator:

Dr. Ahsan Shafiq

Prof.Fozia Umber Qureshi



Date: 23rd May 2025

Department: Obstetrics and Gynecology

This informative seminar, facilitated by Prof. Fouzia Umber Qureshi and Dr. Ahsan, provided a comprehensive overview of the latest advancements in the diagnosis and management of ovarian cancers. The session emphasized evidence-based practices and recent clinical guidelines, fostering an engaging discussion among participants. The seminar was particularly beneficial for gynecologic oncologists, residents, and medical faculty, offering valuable updates to enhance patient care and clinical outcomes.

Foundation in medical Professionalism

Facilitators:

Prof. Mohamed M. Al-Eraky

Associate Professor, Head of HPE Dept., and Director of MHPE & PhD in HPE programs, Gulf Medical University, UAE.



Date: 24th–25th April 2025

Duration: 2 Days

This intensive two-day workshop was led by internationally renowned medical educator Prof. Mohamed M. Al-Eraky. The course provided a comprehensive and thought-provoking exploration of professionalism as a core competency in health professions education. Through highly interactive sessions, participants engaged in rich discussions, reflective exercises, and small group activities focused on the principles, teaching, and assessment of professionalism in medical curricula. Prof. Al-Eraky's dynamic facilitation style and global perspective elevated the learning experience, making the workshop both insightful and transformative for faculty members and medical educators striving to foster professionalism in future healthcare providers.