

PRE-CONFERENCE WORKSHOPS

FMC, PAF TEACHING HOSPITAL, FPGMI, FCN, Air University - Islamabad.

A series of intensive pre-conference workshops were organized from 22nd - 30th september 2025 as a preparatory phase of International Research Conference of Fazaia Medical College to enhance learning experiences and ensure maximum impact. These sessions were strategically structured around specialized subthemes, designed to provide focused, practical skills and foundational knowledge. This crucial preparatory phase ensured that all participants — from students to established scholars — were equipped with the necessary cutting-edge tools to actively engage in research discussions and advanced learning during the main conference.



The Inaugural Ceremony of the Pre-Conference Workshops was graced by Air Vice Marshal Sohail Akbar, SI(M), Director General Medical Services (DGMS), who commended the initiative of Fazaia Medical College in promoting clinical excellence and research-based learning through these capacity-building sessions. The ceremony also featured the distribution of souvenirs among the distinguished facilitators and coordinators in recognition of their valuable contributions.



22nd Sep. 2025

1. A pre-conference workshop on “POCUS Integration with Vascular Access Skills” was facilitated by Brig (Retd.) Dr. Saleem Ahmed, Lt Col (Retd.) A. H. Bhatti, WC Tanzil Fatima, Dr. Ayesha Shahid, and Dr. Aaisha Gillani, and organized by the Department of Anesthesia, B1 Alauddin Complex, PAF Hospital Islamabad. The workshop aimed to enhance participants' proficiency in integrating point-of-care ultrasonography (POCUS) for central and peripheral vascular access, targeting postgraduate trainees and house officers.



2. A pre-conference workshop on “Role of a Medical Teacher” was facilitated by Brig (Retd.) Dr. Rizwan Hashim and organized by the Department of Medical Education, FMC, in the Clinical Skills Lab Fazaia Medical College Islamabad. The aim of workshop was to improve teaching methodologies, the use of technology, and the ability to guide students in complex skills like critical thinking and clinical reasoning. Audience of workshop included medical educators from various health disciplines.



3. A pre-conference workshop on “Advances in Molecular Biology and Its Implications on Future Generations” was facilitated by Prof. Dr. Kiran-e-Muneera, Dr. Zubia Shahid, Dr. Maheen Tahir, Dr. Humera, and Dr. Bushra, and was organized by the Department of Biochemistry, FMC. The workshop was conducted in the Skills Lab, FMC, for undergraduate medical students, house officers, and the faculty of various disciplines interested in learning about advances in molecular biology.



4. A pre-conference workshop UKMLA for IMGs: The Essentials was facilitated by Dr. Iffat from the Department of Community Medicine, Dr. Kanaz from the Department of Pathology, Dr. Shazrah Hashim from the Department of Physiology, Dr. Faizan and Dr. Talha from Shifa International Hospital. The workshop was organized by the Department of Medical Education at the Clinical Skills Lab, Fazaia Medical College. The workshop aimed at equipping undergraduates and house officers with the core knowledge, skills, and strategies required to successfully navigate the UKMLA and gain GMC registration.



23rd Sep 2025

1. A pre-conference workshop titled “From Simulation to OR – Integrating Laparoscopic Suturing Skills with Digital Platforms” was facilitated by Brig (Retd.) Dr. Farooq Dar, Dr. Muhammad Hanif, Dr. M. Nazim Khan, Brig (Retd.) Dr. Manan Masud, Dr. Fahd Mudassir, and Dr. Sidra Shabbir. It was conducted at FPGMI by the Department of Surgery, PAF, for medical students, house officers, and surgical and allied residents, with the objective of providing hands-on training in laparoscopic suturing using simulation.



2. A pre-conference workshop titled “Basics of Infection Control” was facilitated by Prof. Dr. Umme Farwa, Dr. Bushra Anwar, and Dr. Farida Lalani, from the Department of Pathology, FMC. The workshop was recommended for undergraduate, post graduate and Allied Health Sciences students, with the objective of learning the fundamentals of infection control, including hand hygiene, needle-stick injury prevention, post-exposure safety, and the proper use of personal protective equipment (PPE).



3. A pre-conference workshop on “Designing and Implementation of a Randomized Controlled Trial” was facilitated by Prof. Dr. Rukhsana Khan and Dr. Usman Hamdani, and organized by the Department of Community Medicine, FMC. The workshop, conducted at FMC, aimed to enhance participants’ understanding of designing and implementing randomized controlled trials and was highly recommended for undergraduate students, postgraduate trainees, and faculty members.



4. A pre-conference workshop on “Polytrauma Chest Radiology and FAST Scanning for Trauma Patients” was facilitated by Prof. Dr. Muhammad Nafees, Dr. Shaista Nayyar, and WC Dr. Irum Taqi. It was organized by the Department of Radiology in B1 Hall, Alauddin Complex, PAF Hospital Islamabad. The workshop was highly recommended for undergraduate, postgraduate, trainees, with the objective of providing insight into basic radiology along with hands-on practice in chest radiology and FAST scanning for trauma patients.



24th Sep 25

1. A pre-conference workshop on “Obstetric Emergencies” was facilitated by Prof. Dr. Shamsa Rizwan, Prof. Dr. Nargis Shabana, Gp Capt Moizza Aziz, WC Samia Arif, WC Umbreen, and SL Sheeba. It was organized by the Department of Gynecology and Obstetrics, PAF Hospital Islamabad. The workshop was conducted in the Clinical Skills lab Fazaia Medical College. It was highly recommended for postgraduate trainees and house officers. It aimed to provide hands-on training and understanding of managing obstetric emergencies, including postpartum hemorrhage (PPH), eclampsia, cord prolapse, and shoulder dystocia.



2. A pre-conference workshop on “Assessment of Hearing from Neonates to Adults” was facilitated by Prof. Dr. Tallat Najeeb, Prof. Dr. Muhammad Azeem Aslam, Brig (Retd.) Prof. Dr. Amer Sabih, Dr. Imran Malik, and WC Tahir Shah. It was organized by the Department of ENT, PAF Hospital Islamabad. The workshop was conducted at FPGMI, PAF Hospital Islamabad, with the objective of enhancing participants’ skills in hearing assessment through hands-on sessions on PTA, BERA, ASSR, OAE, and tympanometry. It was designed for medical students, house officers, and postgraduate trainees of ENT, Pediatrics, and audiologists.



3. A pre-conference workshop on “Improving Patient Care through Nursing Leadership and Team Communication: Building Confidence and Leadership Skills in Young Nurses in Pakistani Hospitals” was facilitated by Lt Col (Retd.) Farah Diba (TI(M)), Ms. Kanwal Qaiser, Ms. Sadia Sana, Ms. Rakhshanda, and Mr. Adil Shahzad. It was organized by Fazaia College of Nursing. The workshop was held in the CPD Room, C Block, Air University, and was recommended for registered nurses, nursing students, midwives, and ward assistants. The objectives were to develop assertive communication and leadership skills in nursing to enhance patient care.



25th Sep 25

1. A pre-conference workshop on “Introduction to Systematic Review and Meta-Analysis” was facilitated by Cochrane master trainers, Prof. Dr. Rukhsana Khan, Dr. Arshia Bilal, Dr. Juwayria Omar, and Lt Col Dr. Nadia Latif. It was organized by the Department of Community Medicine, FMC. The workshop was highly recommended for undergraduate, postgraduate, and faculty members, with the objective of introducing the concepts of systematic review and meta-analysis and included a hands-on session on the basics of using RefMan software.



2. A pre-conference workshop on “Leadership Skills in Medical Graduates” was facilitated by Prof. Sadia Moazzam and Dr. Farwa Aslam, and organized by the Department of Physiology, FMC. The workshop was held in the Skills Lab, FMC, and was highly recommended for undergraduate and Allied Health Sciences students. Its objectives were to help participants build essential leadership qualities, understand teamwork, and enhance time management skills.



3. A pre-conference workshop on “Uni-Portal VATS Surgery” was facilitated by Brig. Dr. Asif Asghar and Dr. Aaishah Riaz and organized by the Department of Thoracic Surgery. The workshop was conducted in the FPGMI Auditorium and was highly recommended for junior consultants and postgraduate trainees. Its objective was to introduce participants to Uni-Portal VATS, highlight its advantages over conventional approaches, and included a live hands on demonstration.



26th Sep 25

1. A pre-conference workshop on “Non-Invasive Ventilation” was facilitated by Prof. Asma Shabbir, Dr. Alia Halim, Dr. Sadia Riaz, and Dr. Hina Khan, and organized by the Department of Pediatrics. The workshop was conducted in B1 Alauddin Complex, PAF Hospital Islamabad, with the objectives of applying CPAP and HFNC in the NICU, performing intubation monitoring, troubleshooting NIV equipment, and providing nursing care during NIV. It was designed for house officers, postgraduate trainees, and nurses.



2. A pre-conference workshop on “Artificial Intelligence & Medical Diagnostics – Current and Future Perspectives” was facilitated by Dr. Mehdi Hassan and organized by the Department of Computer Science in the CPD Hall, Block C, Air University. It was attended by researchers from medical and computer science discipline. The objective of the workshop was to explore AI tools in healthcare and their implementation in real world healthcare.



3. A pre-conference workshop on “Neurosurgery Boot Camp” was organized by the Department of Neurosurgery in Clinical skills Lab of Fazaia Medical college. The workshop aimed at providing foundational, hands-on skills training and knowledge refreshers regarding history taking, clinical examination and designing craniotomy flaps for 1st and 2nd postgraduate residents of neurosurgery department.



4. A pre-conference workshop on “Clinical Audit: Made Easy for Beginners” was facilitated by Air Cdre Dr. Muneeza Rehman Commandant FPGMI/ HoD Dermatology PAF Hospital Islamabad and Prof. Dr. Shamsa Rizwan HoD Gynecology and Obstetrics PAF Hospital Islamabad. The workshop was organized by the Department of Dermatology in the FPGMI Auditorium, PAF Hospital. The workshop was highly relevant and valuable for postgraduate residents and provided hands-on experience to participants in creating audit, topics & selecting standards.



5. A pre-conference workshop on “Practical Approach to Direct Ophthalmoscopy” was organized by the Department of Ophthalmology, PAF Hospital Islamabad. The workshop was facilitated by Prof Ayesha Shakeel & Dr Shaista Haider. The workshop was designed for undergraduate students with the objectives of familiarizing them with the technique of direct ophthalmoscopy, identifying landmarks of fundus on the simulator and diagnosing different conditions through fundoscopy.



27th Sep 25

1. A pre-conference workshop on “Trabeculectomy – Moorfield’s Safe Surgery System (Wet Lab)” was held on 27th September 2025, facilitated by Prof. Dr. Ayesha Shakeel, Dr Huma Zainab, and Dr. Shaista Haidar. It was organized by the Department of Ophthalmology, PGMI, PAF Hospital Islamabad. The workshop was designed for senior postgraduate trainees and general ophthalmologists. The workshop provided hands-on skills for making scleral flap, scleral window and removing releasable sutures from cornea.



29th Sep 25

1. A pre-conference workshop on “Cast Application” was facilitated by Dr. Nadeem Ahmad Sheikh and organized by the Department of Orthopedics, PAF, in the Skills Lab, Fazaia Medical college Islamabad. The workshop provided hands on training to residents, house officers and undergraduate medical students on application of cast and management of various types of fractures.



2. A pre-conference workshop on “Blueprinting and Item Analysis” was facilitated by Prof. Dr. Munazza Mohtashim HoD Physiology Nust school of Health Sciences and Dr. Hira Moin Assistant Professor Physiology Nust school of Health Sciences. It was organized by the Department of Physiology Fazaia Medical college. The workshop was designed for examiners, faculty and post graduate trainees. The workshop explained the purpose and principles of item analysis along with calculation, interpretation and application of item analysis for continuous improvement in examinations.



30th Sep 25

1. A pre-conference workshop on “Medico-Legal Aspects of Firearm Injuries” was facilitated by Prof. Mian Abdul Rasheed, Dr. Anwar Ahmad, and Prof. Dr. Zubaida Zain, and organized by the Department of Forensic Medicine, FMC. The workshop was held in Exam Hall 1, FMC, for undergraduate medical students, postgraduate trainees, medicolegal officers, and the faculty of Forensic Medicine. Its objectives were to familiarize participants with the types and mechanisms of firearms, methods of examination, and preparation of case reports.



2.A pre-conference workshop on “Endoscopy and Colonoscopy” was facilitated by Assoc. Prof. Dr. Arsalan Shahzad and SL Qaisar Iqbal, and organized by the Department of Gastroenterology, Cecil Chaudhry Complex, PAF Hospital Islamabad. The workshop was highly recommended for undergraduates and postgraduate trainees, with the objective of promoting safe practices in endoscopy and colonoscopy.



3.A pre-conference workshop on “Management of Occupational Biohazards in Hospital Settings” was facilitated by Lt Col (Retd.) Farah Diba (TI(M)), Ms. Kanwal Qaiser, Ms. Sadia Sana, Ms. Rakhshanda, and Mr. Adil Shahzad, and organized by Fazaia College of Nursing. The workshop was conducted in the CPD Hall, Block C, Air University, with the objective of equipping nurses with their role in biohazard management, spill and exposure management. The target audience for the workshop was registered nurses, midwives and ward assistants.



4.A pre-conference workshop on “Practical Management of Type I Diabetes Mellitus in Children” was facilitated by Prof. Asma Shabbir, Dr. Rehmana Waris, Dr. Hina Sattar, Dr. Aqeela Ayub, and Dr. Ayesha Abdul Razzaq, and organized by the Department of Pediatrics, FMC/PAF Hospital Islamabad. The workshop was conducted at FPGMI for medical students, nurses, and postgraduate trainees in Pediatrics, with the objectives of enhancing understanding of insulin therapy, glycemic targets, dietary management, and sick-day management in pediatric patients with Type I Diabetes Mellitus.

