

Shalamar Institute of Health Sciences

E-NEWSLETTER

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8th International Conference “Healthcare and Health Education in AI Era” Held at Shalamar Medical and Dental College

Shalamar Institute of Health Sciences proudly inaugurated its 8th International Conference, bringing together esteemed medical professionals, scholars, and researchers from across Pakistan and beyond.

Themed "Healthcare & Health Education in the AI Era," the conference delved into the transformative impact of artificial intelligence on healthcare delivery and medical education. The conference witnessed active participation from Physicians, surgeons, and medical professionals from various parts of Pakistan and abroad.

Attendees had the opportunity to attend sessions and workshops covering a wide array of topics. Health care Professionals specializing in different fields presented their latest research findings, fostering knowledge exchange and collaboration. Participants shared insights and perspectives on the evolving role of AI in shaping the future of healthcare.

Speaking on the occasion, Mr. Shahid Hussain, Chairman Board of Trustees emphasized the significance of conferences and workshops in advancing medical knowledge and practice. He highlighted the longstanding commitment of Shalamar Institute of Health Sciences to promote medical research and education, as demonstrated by the continuation of the international conference for the past eight years.





Boarding the AI Bandwagon with Caution and Purpose by Doctor Ahsan Sethi

Dr. Ahsan Sethi from Qatar University emphasized the need for a cautious yet purposeful approach to integrating AI in healthcare and health education. Highlighting the potential of AI to revolutionize patient care, Dr. Sethi urged for mindfulness, ensuring that advancements prioritize patient safety and ethical considerations.

The Pearls of Trusting the AI Tech Behind Educational & Clinical Decisions by Professor Rehan Ahmad Khan

Professor Rehan Ahmed Khan from Riphah International University delved into the importance of trust in AI technology, both in educational and clinical contexts. Stressing transparency and reliability, he emphasized the transformative power of AI when coupled with a foundation of trust.



Contextual Curriculum Development by Professor Samar Ahmad

Professor Samar Ahmed from Delta University for Science & Technology discussed the evolving landscape of healthcare education, advocating for contextually relevant curricula tailored to today's challenges. By integrating real-world experiences and interdisciplinary perspectives, educators can empower future healthcare professionals to navigate modern healthcare with confidence.

Expensive Care: Choosing Between Professionally Lifesaving and Depleting Resources in the Changing Landscape of Modern Healthcare by Dr. Erwin J. Khoo

Dr. Erwin J. Khoo from International Medical University, Malaysia shed light on the ethical dilemmas surrounding resource allocation in modern healthcare. With the evolving landscape of medical technology and rising costs, Dr. Khoo emphasized the importance of making informed decisions that balance the need for lifesaving treatments with the responsible use of resources.





Artificial Intelligence-Based Solutions for Ophthalmology by Professor Shaffat Ahmad Bazaz

Professor Shaffat Ahmad Bazaz from Sir Syed CASE Institute of Technology, Islamabad explored the transformative potential of AI in ophthalmology. Highlighting innovative solutions for diagnosis and treatment, Professor Bazaz showcased how AI is revolutionizing patient care in the field of ophthalmology.

Unveiling the Potential of Artificial Intelligence in the Diagnosis & Management of Psoriatic Arthritis by Dr. Mehmat Tuncay Duruo

Dr. Mehmat Tuncay Duruo from Marmara University Medical School, Istanbul, Turkey, unveiled the promising applications of AI in the diagnosis and management of psoriatic arthritis. By leveraging AI-driven insights, Dr. Duruo demonstrated how healthcare professionals can enhance patient outcomes and streamline treatment strategies for this chronic condition.



AI and Healthcare by Dr. Hassan Mohy-Ud-Din

Dr. Hassan Mohy-Ud-Din from Syed Babar Ali School of Sciences & Engineering at LUMS delved into the intersection of AI and healthcare, exploring the implications of AI-driven innovations on patient care, clinical workflows, and healthcare systems at large. With AI poised to revolutionize various aspects of healthcare delivery, Dr. Mohy-Ud-Din offered valuable insights into navigating this transformative landscape.



Current Trends in Continuous Professional Development by Professor Lawrence Sherman

Professor Lawrence Sherman from International Development Association for Medical education in Europe (AMEE), provided a comprehensive overview of current trends in continuous professional development for healthcare professionals. From AI-driven learning platforms to personalized training approaches, Professor Sherman highlighted the evolving strategies for enhancing professional competence and keeping pace with advancements in healthcare.



Shalamar Surgical Symposium



The Shalamar Institute of Health Sciences hosted the 8th Shalamar Surgical Symposium, focusing on the exciting and transformative world of Artificial Intelligence (AI) and Robotics in Surgery. This dynamic event took place over seven days, offering a comprehensive exploration of cutting-edge advancements and their impact on various surgical specialties.

The symposium catered to a wide range of surgical interests with sessions on:



- Head and Neck Oncology
- Precision Resonance: Unveiling Dynamic Trends and Innovative Solutions in ENT Surgery
- AI and Robotics in Colorectal Mastery
- A Session on Surgical Oncology: Navigating Oncological Frontiers: AI-Driven Innovations
- Hepatobiliary Surgery: Navigating the Biliary Maze: Enhanced Strategies:
- Vascular Surgery: Navigating Vascular Surgery pathways with AI
- Endocrine Excellence: Precision Pathways with AI and Robotics
- Navigating Breast Health: AI-Enhanced Surgical strategies
- Plastic & Reconstructive Surgery
- Cardiac Surgery in the Era of Artificial Intelligence
- Urology & Uro-oncology
- Anesthesia / Pain Management
- Ophthalmic Ultra Sound (A Scan & B Scan)
- Pediatric Surgery
- Bariatric Surgery
- Orthopedics and Reconstructive Surgery
- Faciomaxillary Surgery & Oral Cancer
- Versius Surgical Robot
- AI & Robotics: Tool that a Surgeon Needs to Know
- Surgical Education

Scientific Sessions

The conference boasted an impressive lineup of sessions, catering to a wide range of medical specialties. Here's a glimpse into the diverse range of topics covered:



- **Surgical Expertise:** Sessions delved into advancements in Breast Surgery, Oncology, Hepatobiliary Surgery, Colorectal Surgery, Faciomaxillary Surgery, and more, equipping surgeons with the latest knowledge in their fields.
- **Medicine Focus:** Participants gained valuable insights into Internal Medicine, Cardiology, Endocrinology, Gastroenterology, and other crucial areas of medicine practice.
- **Medical Education & Research in Focus:** The conference explored innovative approaches to medical education and provided updates on the latest research findings through sessions on Pharmacology, Physiology, Bioethics, and Surgical Education.
- **Dermatology, Neurology, Rheumatology & Pulmonology Updates:** In-depth sessions on these specialties ensured healthcare professionals remained current on advances in diagnosis and treatment.
- **Community Focus:** Discussions explored promoting health and preventing disease within communities through sessions on Community Medicine & Public Health.
- **Allied Health Sciences & Nursing Knowledge Enhancement:** Sessions tailored for allied health professionals and nurses provided them with the latest skills and knowledge to enhance patient care.



Pre-Conference Workshops



The Shalamar Institute of Health Sciences (SIHS) hosted a series of pre-conference workshops designed to equip healthcare professionals with the latest advancements in various fields.

A key theme throughout these workshops was the exploration of Artificial Intelligence (AI) and Robotics in Healthcare. Participants delved into topics like:

AI in Medical Education: Attendees learned how AI can transform teaching methods in basic medical sciences.

AI in Research: Discussions explored how AI is revolutionizing research perspectives and practices.

Urological & Aesthetic Applications: Participants gained insights into the use of AI and Robotics in urology for enhanced precision and in achieving aesthetic perfection.

AI in Ophthalmology & Pediatrics: Workshops focused on how AI is improving precision in ophthalmology and navigating the role of AI and Robotics in pediatrics.

Pain Management & AI: Participants explored the potential of AI in shaping the future of pain management.

The pre-conference workshops also offered topics beyond AI, catering to diverse needs of health professionals and educationists. Here's a glimpse into some of the other workshops that took place:

The Art of Grant Writing: Participants had the opportunity to master the skills of writing compelling grant proposals.

Interprofessional Collaboration: Workshops explored the ethical considerations of collaboration between various healthcare professionals in clinical care settings.

Medical & Allied Sciences in the AI Era: Participants gained a deeper understanding of how AI is transforming these fields.

Stroke Recovery Techniques: Workshops equipped healthcare professionals with practical skills to empower stroke recovery in patients.

Neonatal Resuscitation: A pre-symposium workshop provided valuable knowledge on neonatal resuscitation.

Breast Ultrasound Workshop: Participants developed their skills in breast ultrasound imaging.

Robotic-Assisted Bariatric Surgery: Discussions explored current trends and future directions in this field.



Resident of the Year Awards

The Department of Medicine and Allied at Shalamar Hospital held a captivating event to reflect on a year of remarkable achievements. This event showcased healthcare delivery, research, and the department's significant accomplishments throughout 2023.

A special highlight of the event was the recognition of Postgraduate Residents (PGRs) through the prestigious "PGR of the Year" awards. Dr. Mahpara Nawazish, Dr. Ghulam Dastagir, and Dr. Rana Hanan received PGR of Year, 1st Runner up and 2nd Runner up for their outstanding contributions to the field. This event served as a powerful reminder of the Department of Medicine and Allied's unwavering commitment to excellence in education and training.



Medical Camp at Mandianwala Village

Shalamar Hospital, along with Rotary Club of Lahore Corporate and Dastras Foundation, held a free medical camp near Mandianawala village in Lahore. Our dedicated team of medical professionals provided free consultations, check-ups, and essential medications to the community. This initiative aimed to bridge the gap in healthcare access and empower residents to prioritize their well-being.



Vision Screening Camp at Syedanwala Village

Shalamar Hospital brought smiles to the faces of children in Syedanwala during a heartwarming visit. Our dedicated team of optometrists provided free eye exams to students in local schools. At Shalamar Hospital, we believe that every child deserves a chance to succeed in school. By addressing the challenges of limited access to eye care, we're empowering these young minds to see clearly and reach their full potential.



Nutrition Camp for Community at Shalamar Hospital

Shalamar Hospital's Nutrition Camp served up a double dose of fun and knowledge for the community. The camp offered free consultations and essential medications while empowering participants with practical skills and valuable knowledge about healthy eating habits.



Seminar on Protection Against Harassment at Workplace

Shalamar Hospital hosted Ms. Uzma Akhtar Chughtai, Regional Head of the Federal Ombudsperson Secretariat for Protection Against Harassment. Ms. Uzma Akhtar Chughtai delivered a valuable presentation on fostering a respectful work environment and preventing workplace harassment. By embracing the insights shared by Ms. Chughtai and committing to implementing best practices, we reinforce our dedication to cultivating a workplace characterized by mutual respect, dignity, and professionalism.



Training Session on KPIs

The Department of Quality Management Organized a training session on Key Performance Indicators (KPIs). Led by Mr. Naeem Shahzad from PIQC Institute of Quality, the interactive session explored how KPIs can be powerful tools for driving organizational success.

Participants learned how to:

- Define relevant KPIs for their specific roles and departments
- Collect and analyze KPI data effectively
- Utilize KPIs to drive continuous improvement



Blood Donations Drive for Cancer Patients

The Shalamar Institute of Health Sciences partnered with Shaukat Khanum Memorial Cancer Hospital for a blood donation drive for cancer patients.

We are incredibly grateful to faculty, staff and students who came forward to donate blood. Your selfless act will directly support cancer patients in their fight against this challenging illness.



Shalamar Hospital Claimed 1st prize at the 165th Annual Spring Flower Show 2024 organized by the Horticultural Society of Pakistan

Shalamar Hospital is thrilled to announce that our horticulture team has claimed the top prize at the prestigious 165th Annual Spring Flower Show 2024, organized by the Horticultural Society of Pakistan! The dedication and creativity of horticulture team truly shone through in their breathtaking display. We are incredibly proud of their hard work and talent, which has garnered them this well-deserved recognition.



Neurosurgery Clinic Started

Shalamar Hospital is thrilled to announce the launch of its new Neurosurgery clinic. With the addition of Neurosurgery, Shalamar Hospital is now even better equipped to provide comprehensive and compassionate care to patients. The clinic is led by Dr. Shaharyar Sheikh, a visiting consultant with the twice weekly clinic on Monday & Wednesday, with a possibility of expansion in the future.

LUMS Learning Institute and Shalamar Medical and Dental College Launched Diploma in Healthcare Ethics & Professionalism

We are excited to announce a unique collaboration between LUMS Learning Institute (LLI) and Shalamar Medical and Dental College offering a diploma program in Healthcare Ethics & Professionalism.

This diploma program is specifically designed to address the growing need for ethical and professional conduct within the healthcare field. It caters to doctors, nurses, researchers, and other healthcare professionals, equipping them with the knowledge and skills to navigate the complex challenges they face daily.

Shalamar Medical and Dental College Students Shine with a 99.28% passing rate (Highest Among All Medical Colleges in Punjab) in the 1st Professional MBBS Annual Exam 2023!

First Professional MBBS students achieved a remarkable 99.28% passing rate in the 2023 Annual Exams. This incredible accomplishment is a true testament to the dedication and hard work of our students, faculty, and staff.

We extend our heartfelt congratulations to the graduating class of 2023. Their success reflects not only their academic excellence but also their unwavering commitment to becoming future healthcare leaders.

Bright Stars of SMDC Got Selected for Post Graduate Training in the USA



A shining congratulations to the exceptional graduates of Shalamar Medical & Dental College who have successfully matched into residency programs at leading hospitals across the USA! This accomplishment is a testament to the strong foundation students receive at Shalamar and their unwavering commitment to excellence.

Aalian Ubaid and Kashaf Safdar, First-Year MBBS students, achieved 3rd Place in "Poster Presentation Competition" at Akhtar Saeed Medical College Lahore.

A round of applause for our talented first-year MBBS students, Aalian Ubaid and Kashaf Safdar! They recently clinched 3rd place in the Poster Presentation Competition held at Akhtar Saeed Medical College. This incredible achievement is a true testament to their hard work, dedication, and early passion for research and presentation. Their brilliance shines brightly within the Shalamar community!



Family Planning Workshop at Shalamar Nursing College

Shalamar Nursing College hosted an insightful workshop on Family Planning. This informative session, led by Mrs. Robina Majeed, explored various aspects of family planning, empowering participants to make informed choices.



Poster Presentation at Shalamar Nursing College

Shalamar Nursing College takes a trip down memory lane, highlighting a past poster presentation on "Soft Skills." This artistic and insightful presentation showcased the importance of soft skills in the nursing profession. The poster likely explored the crucial role soft skills play in a nurse's success. Empathy, communication, teamwork, and problem-solving are just a few examples of soft skills that empower nurses to deliver exceptional patient care.



Workshop on Trend & Use of SPSS at Shalamar Nursing College

The Shalamar Nursing College hosted a workshop titled "Trend & Use of SPSS (Version 27)", equipping participants with the knowledge and skills to tackle data analysis with confidence. This comprehensive workshop covered a wide range of topics, transforming participants from data novices to data analysis pros.

- **User Interface and Structure:** Attendees gained a thorough understanding of the SPSS software interface and its functionalities.
- **Data Entry & Variable Definitions:** The workshop delved into the proper methods for entering data and defining variables for accurate analysis.
- **Data Analysis Techniques:** Participants explored both descriptive and inferential data analysis techniques, allowing them to uncover patterns and meaningful insights from their data.



Doctor of Physical Therapy Students Achieved 92.59 % Passing Percentage in the First Professional Annual Examination

We are incredibly proud to announce that Doctor of Physical Therapy (DPT) students achieved a remarkable 92.59% passing percentage in the First Professional DPT Annual Examination 2023 held by the University of Health Sciences (UHS), Lahore! This achievement is not only a testament to the dedication and hard work of our students, but also signifies the highest passing percentage among all medical colleges in Punjab!

A Night of Talent where Alumni & Students United at Nursing College Annual Dinner

Shalamar Nursing College recently held its annual dinner, and it was a night to remember! The evening unfolded with a beautiful recitation of the Holy Quran, setting the stage for a heartfelt celebration. Principal Shalamar Nursing College Mrs. Nasim Rafiq delivered warm welcome remarks, expressing her pride in the SNC community and its achievements. The night was filled with vibrant performances, showcasing the incredible talents of both our alumni and current students. Melodious national songs filled the air, followed by captivating stage acts that left the audience in awe.



Faculty Cricket Match

The Shalamar Institute of Health Sciences (SIHS) Sports Club isn't just about keeping students healthy! Recently, they hosted an epic Faculty Cricket Match at the DHA Sports Club, Phase 5. The day buzzed with competitive spirit as the faculty members of Surgery & Allied squared off against Medicine & Basic Sciences. Both teams came prepared to showcase their cricketing prowess, but more importantly, their sportsmanship.



Opening Ceremony of SIHS Annual Sports

The Shalamar Institute of Health Sciences (SIHS) kicked off its annual sports extravaganza with a vibrant opening ceremony! Students from Shalamar Medical & Dental College, Shalamar Nursing College, and Shalamar School of Allied Sciences came together in a joyous display of school spirit and sportsmanship. The ceremony was a beautiful tapestry of Pakistani culture. Students proudly showcased their heritage through traditional attire, music, and dance performances. The vibrant energy was truly infectious! The opening ceremony wasn't just about competition. Attendees enjoyed a delightful spread of food stalls, offering a taste of Pakistani cuisine. A special cake-cutting ceremony added to the celebratory atmosphere, uniting the SIHS community.

