



آغا خان یونیورسٹی

THE AGA KHAN UNIVERSITY



STUDENT
RESEARCH
FORUM

1ST INTERNATIONAL STUDENT RESEARCH CONFERENCE

"Translating Research to
Advances in Healthcare"

Conference Itinerary

24-26th March,
2023

Aga Khan University
Stadium Road
Campus



/STUDENT RESEARCH FORUM



/SRFAKU



@SRF_AKU



SRF.ISRC@GMAIL.COM

About the SRF Research Conference 2023

The International Student Research Conference (ISRC) is a one-of-a-kind event incorporating a hybrid model of virtual as well as in-person participation. Through this hybrid model, this 3-day event aims to cater to a larger population of research enthusiasts all across the world.

The Conference aims to instill the importance of research and inculcate scientific thought among the medical fraternity. It gives a single space for experienced researchers and research enthusiasts to come together and have meaningful discussions on research.

The theme chosen for the inaugural conference is "Translating Research to Advances in Healthcare".

The Conference has an international standard and involves a multidisciplinary team of students, clinicians, and researchers to present and learn about the latest advances from around the globe. The programme is to be a mix of talks, interactive sessions, scientific posters, and workshops, which will make the event lively and interesting for all.

Follow the conversation on social media by following the Student Research Forum on Twitter (@srf_aku) and Instagram (@srfaku).

We look forward to your participation.

1st ISRC Organizing Committee

Message from the Dean



Dear participants,

It is my pleasure to welcome you all to the 1st Annual International Student Research Conference. This year's theme is 'Translating Research to Advances in Healthcare'. As we gather to discuss ways to improve healthcare through research, I urge you to remember that research is not just about gathering data or conducting experiments – it is about discovering new possibilities and making a positive impact on the world.

As students, you have the potential to be the leaders of tomorrow, and I am confident that this conference will inspire you to use your knowledge and skills to investigate important questions in healthcare, and to translate your findings into meaningful changes that will benefit patients and communities around the world.

Let us work together to harness the power of research and make a difference in the lives of those who need it most.

Sincerely,

Dean Adil Haider

Professor, Department of Surgery

Dean, Medical College

Aga Khan University

Message from the Associate Dean of Research



I extend a warm welcome to all the distinguished guests and students attending the First International Student Research Conference organized by the Student Research Forum at the Aga Khan University.

It is a great pleasure for me to be a part of this pioneering event which has brought together young researchers from around the globe to present their work, exchange ideas, and collaborate on new projects. I would like to express my deepest appreciation to all the participants who have taken the time to share their research with us.

I would also like to acknowledge the organizing team for their tireless efforts in making this conference a reality. Their dedication and hard work have made it possible for us to achieve this milestone of a first-of-its-kind event.

This year's theme, "Translating Research to Advances in Healthcare," is particularly relevant and timely in the current global scenario. The conference aims to highlight the importance of research in advancing science and to encourage young research enthusiasts to pursue their passion for research in healthcare. We believe that research is the cornerstone of healthcare advancement and holds the key to discovering new treatments, therapies, and cures. By bringing together young minds from different parts of the world, we hope to foster an environment of collaboration and innovation that will lead to significant breakthroughs in healthcare.

Once again, I welcome you all to this conference and wish you a fruitful and inspiring experience. Let's continue to work together to create a better tomorrow through research and innovation.

Dr. Asad Ali

Professor, Department of Paediatrics and Child Health

Associate Dean, Research, Medical College

The Noordin Noormahomed Sheriff Endowed Chair

Aga Khan University

Message from the Patron, Student Research Forum



Forty years ago, the Aga Khan University embarked on a journey to enhance the standards of health and education in Pakistan, eventually expanding its efforts across three continents. While we continue to provide services of immense value to diverse communities, the creation and preservation of knowledge, as clearly articulated by our Chancellor, is what will maintain our University's global footprint for decades and centuries to come.

Over the years we have expanded our research portfolio in many ways. However, one of AKU's finest and most prized output to this day, is its students. As an alumnus of AKU, and now the patron of the Student Research Forum, I take great pride in watching young students go beyond their coursework and take center stage in knowledge creation. This conference is a remarkable step towards cultivating a holistic platform for budding student researchers to share their knowledge and aspirations in the fields of medicine, nursing, allied sciences, and biomedical sciences. It is a unique opportunity that will enable the participants to network and learn from peers, mentors, and leaders in research across various disciplines and specialties.

I would like to extend my sincere gratitude to the diligent members of the organizing committee for bringing to light AKU's first international student research conference. All the best to the presenters and a heartfelt welcome to the attendees.

Dr. Salim S. Virani, MD PhD

Patron, Student Research Forum

Vice Provost, Research

Nizar E. Noor Mohammed Mewawalla Endowed Professor of Medicine

Aga Khan University

Message from the Conference Chair



It is my pleasure to warmly welcome all students, esteemed faculty, and guests from all over Pakistan (and even the world!) to the first ever International Student Research Conference (ISRC)- hosted by the Student Research Forum (SRF) of the Aga Khan University Medical College.

3 years ago, the ISRC started as a small idea among SRF's previous core team - at that time with the intent of having a national rather than an international conference. We were a group of like-minded students ready to tackle the behemoth of a task of establishing a conference for the students, by the students - one that could occur annually and provide students a platform to showcase their work, as well as learn from one another.

Unfortunately, it was during this same time that COVID worked its way into our lives, and our aspirations were put to an abrupt halt. While the past leadership of SRF has since then graduated and moved onto the next chapter of their lives, the dream of having a student-led conference still remained and hence, we embarked on this journey once again, and set out to host an event that has yet to be seen in Pakistan - the first of its kind.

Our theme this year is 'Translating Research to Advances in Healthcare'. Through this theme, we intend to capture the essence and true purpose of undertaking research - something we often forget as students - as well as ask ourselves the following questions: Why am I carrying out this research? Who do I intend to benefit? What are the future implications of my work? We aim to reflect this theme through our keynote speech, plenary and panel sessions, and teaching sessions. Our sessions are designed in a particular way to provoke further conversation and provide new perspectives on research, keeping in mind our target audience of students.

We are also pleased to share that we have collaborated with the Journal of Pakistan Medical Association (JPMA), who have graciously offered to publish a special supplement on the conference with 40 of our best student abstracts.

The organizing team, comprised of SRF students from first to final year, have worked diligently for months to orchestrate this conference. This includes our scientific committee,

workshops, finance, administration and logistics, media, IT, communications, and hospitality teams. This conference would also not have been possible without the unremitting support of SRF's patron and Vice Provost Research Dr. Salim Virani, the Associate Dean of Research Dr. Asad Ali, and the Dean of the Medical College Dean Adil Haider. I also extend my gratitude to Mr. Manzoor Ali and Mr. Asad Yaqoob with the Conference Secretariat, as well as Mr. Amin Lakhani from the Office of Student Experience, Aga Khan University, Pakistan. It is these meaningful collaborations that have brought us to where we are today and allowed us to lead a conference of this scale. I also give my highest regards to Saadia Abbas and Abdullah Saeed, who are my Conference Co-Chairs as well as the new leadership of SRF - they were fundamental members of the organizing committee and will continue to lead SRF to new heights in the coming year.

I sincerely hope this conference inspires you and ignites conversations of healthcare, the future of Pakistan, meaningful research, and the impact we can have early on in our careers - even as students. There is no better place to collaborate, and curate innovative and transformative ideas than a research conference. May you leave this conference feeling motivated to continue to produce quality research, with the intention of advancing healthcare, ultimately for the betterment of our patients.

Aiza Abbas

Final Year Medical Student

Class of 2023

Aga Khan University, Karachi

Chairs and Co-chairs



Saadia Abbas, Co-Chair



Abdullah Saeed, Co-Chair



Aiza Abbas, Chair

Administration and Logistics



Sameen Nasir, Chair,
Administration and Logistics



Sonia Pirzada, Chair
Administration and Logistics

Communications



Zahra Rahmatullah, Chair,
Communications

Finance



Hamna Ganny, Chair,
Finance

Hospitality



Hamza Sohail, Chair,
Hospitality



Astad Sidhwa, Chair,
Hospitality

Marketing and Outreach



Fatima Shariq, Chair
Marketing and Outreach



Maham Jaskani, Chair
Marketing and Outreach

Scientific Committee



Aly Hamza Khowaja, Chair,
Scientific Committee



Javeria Bilal Qamar, Chair,
Scientific Committee



Muhammad Uzair, Chair,
Scientific Committee

Workshops



Shahnour Ahmed, Chair,
Workshops



Umar Tariq, Chair
Workshops

Conference Team

Aiza Abbas, Conference Chair

Abdullah Saeed Khan, Conference Co-chair

Saadia Abbas, Conference Co-chair

Javeria Bilal Qamar, Chair, Scientific Committee

Aly Hamza Khowaja, Chair, Scientific Committee

Muhammad Uzair, Chair, Scientific Committee

Areesha Ahmer, Co-chair, Scientific Committee

Omar Mahmud, Co-chair, Scientific Committee

Basil Rehman, Co-chair, Scientific Committee

Ahmed Zafar, Member, Scientific Committee

Shiza Atif, Member, Scientific Committee

Khizer Masroor, Member, Scientific Committee

Sameen Nasir, Chair, Administration and Logistics

Sonia Pirzada, Chair, Administration and Logistics

Shahier Paracha, Co Chair, Administration and Logistics

Hamzah Jehanzeb, Co Chair, Administration and Logistics

Abdullah Shabbir, Member, Administration and Logistics

Fiza Adnan Khan, Member, Administration and Logistics

Laiba Gulzar, Member, Administration and Logistics

Anjaleen Agrawalla, Member, Administration and Logistics

Astad Yazdi Sidhwa, Chair, Hospitality

Hamza Sohail, Chair, Hospitality

Hasnain Mankani, Co Chair, Hospitality

Meeral Nasir, Co Chair, Hospitality

Saleha Qureshi, Co Chair, Hospitality

Salaar Ahmed, Co Chair, Hospitality

Abdullah Bin Faisal, Member, Hospitality
Fizzah Haroon, Member, Hospitality
Maham Jaskani, Chair, Media, Marketing & Outreach
Syeda Fatima Shariq, Co Chair, Media, Marketing & Outreach
Maheen Zahid, Co Chair, Media, Marketing & Outreach
Iliyun Banani, Member, Media, Marketing & Outreach
Shuraim Gang, Member, Media, Marketing & Outreach
Taha Ahmad Khan, Member, Media, Marketing & Outreach
Shahnoor Ahmed, Chair, Workshops
Umar Tariq, Chair, Workshops
Asad Fatmi, Co Chair, Workshops
Arshia Jahangir, Co Chair, Workshops
Ayesha Ali, Co Chair, Workshops
Umar Mahar, Co Chair, Workshops
Aleena Kashif, Member, Workshops
Hamna Jaskani, Member, Workshops
Hashim Salar, Member, Workshops
Hunaina Abid, Member, Workshops
Hamna Ganny, Chair, Finance
Hammad Atif Irshad, Co Chair, Finance
Syeda Kainaat Fatima, Co Chair, Finance
Sayyed Muhammad Fariz Ali, Member, Finance
Syeda Samnita Batool Zaidi, Member, Finance
Noor ul Huda Riaz, Member, Finance
Zahra Fatima Rahmatullah, Chair, Communications
Iqra Fatima Munawar Ali, Co Chair, Communications
Iman Zaynab Bajwa, Member, Communications
Hana Khan, Member, Communications

Muhammad Mustafa Arif, Member, Communications

Eman Anwar, Member, Communications

Altamash Shahriyar Ghazanfar, Chair, IT

Sajjan Raja, Co Chair, IT

Musa Salar, Member, IT

Muhammad Shameer Chaudhry, Member, IT

Ali Mustansir, Member, IT

Taha Sheikh, Member, IT

Conference Components

Plenary Sessions

FRIDAY, 24 MARCH 2023 | 5:00 - 6:00pm

Dr. Kulsoon Ghias: Undergraduate Research: What's All The Buzz About?

Dr. Asma Merchant: Reaching for the Stars: Research as a Student

Dr. Salim Virani: Global Challenges: Filling in the gaps

Teaching Sessions I and II

SATURDAY, 25 March 2023 | 9:00 - 10:30am

Dr. Aysha Almas: Choosing a Research Question

Dr. Nadia Ansari: Dos and Don'ts of Poster Presentation

Subtheme Sessions I-III

SATURDAY, 25 MARCH 2023

Dr Satwat Hashmi: Basic sciences

Dr Faisal Mahmood: Clinical Sciences

Dr Sadia Fatima: Health Sciences Education

Subtheme Sessions IV-VI

SATURDAY, 25 MARCH 2023 | 2:15 - 4:00pm

Dr. Sarah Saleem: Public Health and Health Systems

Dr Syed Zafar Ahmed Fatmi: Sustainable Development Goals

Dr. Zainab Samad: Data Science and Digitalization

Research in Med School: A Conversation with the Torch Bearers

SATURDAY, 25 MARCH 2023 | 4:00 - 5:00pm

Shaheer Ahmed, Student IMDC, President & Founder Student Research Society - IMDC

Dr. Kaleem Ahmed, Research Specialist, Zafar Lab WiSOR, Department of Surgery, UW-Madison

Dr. Russell Seth Martins , Postdoctoral Research Fellow - Thoracic Surgery Hackensack Meridian Health, New Jersey

Dr. Maria Khan, AKU Class of 2022, UGME representative, Balint Society of Pakistan

Dr. Ali Haider Bangash, House Officer, Shifa International Hospital, Islamabad.

Journal Clubs

SATURDAY, 25 MARCH 2023 | 5:00 - 6:00pm

Dr. Ahsan Ali: Neurosurgery

Dr. Bushra Jamil: Infectious Diseases

Dr. Saleem Islam: Paediatric Surgery

Dr. Rehman Siddiqui: Artificial Intelligence

Meet the Professors

SUNDAY, 25 March 2023 | 8:00 - 9:00am

Dr. Osman Faheem

Dr. Muhammad Tariq

Dr. Salman Kirmani

Dr. Fatima Mir

Dr. Saulat Fatimi

Dr. Inam Pal

Teaching Sessions III and IV

SUNDAY, 26 March 2023 | 9:00 - 10:30am

Dr. Zahra Hoodbhoy: The Art of Scientific Writing

Dr. Nosheen Nasir: Choosing the Perfect Journal

Scientific Programme

Friday, March 24 th 2023		
Time	Title	Venue
1500 - 1600 PKT 1000 - 1100 GMT 0600 - 0700 EST	Registrations	Auditorium
1600 - 1620 PKT 1100 - 1120 GMT 0700 - 0720 EST	<u>Inaugural Ceremony</u> Opening Remarks by Conference Chair	Auditorium
1620 - 1640 PKT 1120 - 1140 GMT 0720 - 0740 EST	Welcome Address by Dean Adil Haider Dean, Medical College, Aga Khan University, Karachi	Auditorium
1640 - 1700 PKT 1140 - 1200 GMT 0740 - 0800 EST	<u>Keynote Speech: A Lifetime of Research: Reflections, Revelations, and Real Talk</u> Dr. Salim Virani Vice Provost Research AKU; Former Director, Cardiology Fellowship Training Program Baylor College of Medicine	Auditorium
1700 - 1720 PKT 1200 - 1220 GMT 0800 - 0820 EST	Undergraduate Research; What's all the Buzz about? Dr. Kulsoom Ghias Chair and Associate Professor, Department of Biological and Biomedical Sciences	Auditorium
1720 - 1740 PKT 1220 - 1240 GMT 0820 - 0840 EST	Reaching for the Stars - Research as a Student Dr. Asma Merchant Dean's Clinical Research Fellow in Trauma Surgery, Aga Khan University	Auditorium
1740 - 1800 PKT 1240 - 1300 GMT 0840 - 0900 EST	Beyond the Books: A Journey Through Lives, Careers, and Lessons Learned Panellists: Dr Kulsoom Ghias, Dr Salim Virani, Dr Asma Merchant	Auditorium
1800 PKT onwards	Distribution of Iftar boxes	

Saturday, March 25th 2023

Time	Title	Venue
0900 - 0930 PKT 0400 - 0430 GMT 1200 - 1230 EST	Teaching Session: Choosing a Research Question Dr. Aysha Almas Associate Professor, Department of Medicine	Auditorium
0930 - 1030 PKT 0430 - 0530 GMT 1230 - 0130 EST	Teaching Session: Dos and Don'ts of Poster Presentation Dr. Nadia Ansari Manager (Research), Department of Pediatrics	Auditorium
1030 - 1100 PKT 0530 - 0600 GMT 0130 - 0200 EST	Hospitality Session	Auditorium
1100 - 1115 PKT 0600 - 0615 GMT 0200 - 0215 EST	Scientific Programme: Basic Sciences Dr. Satwat Hashmi Associate Professor, Department of Biological and Biomedical Sciences; Vice Chair, Office of Undergraduate Medical Education	Auditorium
1115-1125 PKT 0615 - 0625 GMT 0215 - 0225 EST	Oral presentation 1: Postoperative Cardiac Troponin I As An Indicator Of Surgical Outcomes: A Systematic Review Syed Hassan Ahmed	Auditorium
1125-1135 PKT 0625 - 0635 GMT 0225 - 0235 EST	Oral presentation 2: Barriers and Challenges to Early Detection of Brain Tumors in LMICs: A Systematic Review Syeda Fatima Shariq	Auditorium
1135-1150 PKT 0635 - 0650 GMT 0235 - 0250 EST	Scientific Programme: Clinical Sciences Dr. Syed Faisal Mahmood Associate Professor, Section of Infectious Diseases, Department of Medicine; Section Head, Infectious Diseases	Auditorium
1150-1200 PKT 0650 - 0700 GMT 0250 - 0300 EST	Oral presentation 3: Evolutionary Relationships And Antimicrobial Resistance Of Staphylococcus Aureus In Humans, Ruminants And Companion Animals Hafeez Toluwalope Akinniyi	Auditorium
1200 - 1230 PKT 0700 - 0730 GMT 0300 - 0330 EST	Hospitality Session	Auditorium

1230 -1245 PKT 0730 - 0745 GMT 0330 - 0345 EST	<u>Scientific Programme: Health Sciences Education</u> Dr. Syeda Sadia Fatima Associate Professor, Department of Biological and Biomedical Sciences; Office of Undergraduate Medical Education	Auditorium
1245 - 1255 PKT 0745 - 0755 GMT 0345 - 0355 EST	<u>Oral presentation 4: Quality Of Life In Children Operated For Spina Bifida; Low- And Middle-Income Country Perspective.</u> Shilpa Golani	Auditorium
1255- 1305 PKT 0755 - 0805 GMT 0355 - 0405 EST	<u>Oral presentation 5: The Use of Psilocybin, Cannabis, Nicotine, and Morphine in the Management of Obsessive-Compulsive Disorder; A Systematic Review</u> Sameen Nasir	Auditorium
1305 - 1315 PKT 0805 - 0815 GMT 0405 - 0415 EST	<u>Oral presentation 6: Ectopic Urethral Opening in Herlyn-Werner-Wunderlich Syndrome: A Rare Radiological Finding</u> Eesha Akhlaque	Auditorium
1315 - 1415 PKT 0815 - 0915 GMT 0415 - 0515 EST	Namaz Break	Auditorium
1415 - 1430 PKT 0915 - 0930 GMT 0515 - 0530 EST	<u>Scientific Programme: Data Science and Digitization</u> Dr. Zainab Samad Chair & Professor Department of Medicine	Auditorium
1430 - 1440 PKT 0930 - 0940 GMT 0530 - 0540 EST	<u>Oral presentation 7: Evaluation of Factors Causing a Delay in Management and Hospital Stay in Diabetic Foot Amputation Patients: A Prospective Cohort Study</u> Muhammad Ahsan Khan	Auditorium
1440- 1455 PKT 0940 - 0955 GMT 0540 - 0555 EST	<u>Scientific Programme: Public Health and Health Systems</u> Dr. Sarah Saleem Head Population and Reproductive Health; Professor in Department of Community Health Sciences	Auditorium
1455- 1505 PKT 0955 - 1005 GMT 0555 - 0605 EST	<u>Oral presentation 8: Factors Associated With Medical Students' Career Choices At A Private University: A Cross-Sectional Study</u> Muhammad Maisam Ali	Auditorium
1505 - 1520 PKT 1005 - 1020 GMT 0605 - 0620 EST	Hospitality Session	Auditorium

1520 - 1530 PKT 1020 - 1030 GMT 0620 - 0630 EST	Oral presentation 9: Glioma: An Epidemiological Landscape From A Tertiary Care Centre Fareeha Nisar	Auditorium
1530 - 1540 PKT 1030 - 1040 GMT 0630 - 0640 EST	Oral presentation 10: How Surgical Approach Impacts Clinical Outcomes In Hip Arthroplasty: A Comparative Study From A Developing Country Eisha Saadat	Auditorium
1540- 1555 PKT 1040 - 1055 GMT 0640 - 0655 EST	Scientific Programme: Sustainable Development Goals Dr. Syed Zafar Ahmed Fatmi Professor & Section Head Department of Community Health Sciences at AKU	Auditorium
1600 - 1700 PKT 1100 - 1200 GMT 0600 - 0700 EST	Research in Medical School: A Conversation With The Torch Bearers Shaheer Ahmed Dr. Ali Haider Bangash Dr. Zara Arshad Dr. Russell Seth Martins Dr. Kaleem Ahmad Dr. Maria Khan	Auditorium
1700 - 1800 PKT 1200 - 1300 GMT 0700 - 0800 EST	Journal Club: Neurosurgery Dr. Ahsan Ali Senior Instructor, Section of Neurosurgery, Department of Surgery; Head, Ideas and Innovation Division, Office of Academia and Research in Surgery (OARS)	LH1
	Journal Club: Infectious Diseases Dr. Bushra Jamil Professor, Section of Infectious Diseases, Department of Medicine; Head, Section of Infectious Diseases	LH2
	Journal Club: Paediatric Surgery Dr. Saleem Islam Chair, Department of Surgery, Aga Khan University	ASLS
	Journal Club: Artificial Intelligence Dr. Rehman Siddiqui Chair, Research Committee, Department of Ophthalmology and Visual Sciences, Aga Khan University	LH3
1800 PKT onwards	Distribution of Iftar boxes	

Sunday, March 26th 2023

Time	Title	Venue
0800-0900 PKT 0300 - 0400 GMT 1100 - 1200 EST	<p><u>Meet The Professors</u> Dr. Osman Faheem Assistant Professor, Section of Cardiology, Department of Medicine; Director Structural Heart Disease Aga Khan University, Karachi, Pakistan</p> <p>Dr. Muhammad Tariq Vice Dean of Medical College Professor Section of Internal Medicine, Department of Medicine</p>	LH1
	<p><u>Meet The Professors</u> Dr. Salman Kirmani Associate Professor. Department of Paediatrics and Child Health. Chair, Division of Women & Child Health, Aga Khan University, Karachi, Pakistan.</p> <p>Dr. Fatima Mir Associate Professor. Section of Paediatrics Infectious Diseases , Department of Paediatrics and Child Health. Section Head, Section of Paediatrics Infectious Diseases.</p>	LH2
	<p><u>Meet The Professors</u> Dr. Saulat Fatimi Professor. Section of Cardiothoracic Surgery, Department of Surgery. Head, Section of Cardiothoracic Surgery.</p> <p>Dr. Inam Pal Clinical Professor, Section of General Surgery, Department of Surgery</p>	LH3
0900 - 1000 PKT 0400 - 0500 GMT 1200 - 1300 EST	<p><u>Teaching Session: The Art of Scientific Writing</u> Dr. Zahra Hoodbhoy Assistant Professor (Research), Department of Paediatrics and Child Health</p>	Auditorium
1000 - 1030 PKT 0500 - 0530 GMT 1300 - 1330 EST	<p><u>Teaching Session: Choosing the Perfect Journal</u> Dr. Nosheen Nasir Assistant Professor; Section of Infectious Disease, Department of Medicine, AKU</p>	Auditorium
1030 - 1130 PKT 0530 - 0630 GMT 1330 - 1430 EST	<p>Poster Presentations</p>	Outside Auditorium

1130 - 12:00 PKT 0630 - 0700 GMT 1430 - 1500 EST	Break	
1200 - 1300 PKT 0700 - 0800 GMT 1500 - 1600 EST	Poster Presentations	Outside Auditorium
1300 - 1400 PKT 0800 - 0900 GMT 1600 - 1700 EST	Namaz Break	
1400 - 1420 PKT 0900 - 1020 GMT 1700 - 1720 EST	Closing Ceremony & Awards	Auditorium
1420 - 1445 PKT 0920 - 0945 GMT 1720 - 1745 EST	<p><u>Vote of Thanks by Dr. Asad Ali</u> Associate Dean, Research, Medical College, Professor, Department of Paediatrics and Child Health</p> <p><u>Closing address by Dr Saad bin Omer</u> Director, Yale Institute for Global Health; Founding Dean of the UT Southwestern School of Public Health</p>	Auditorium
1445 - 1500 PKT 0940 - 1000 GMT 1740 - 1800 EST	<p><u>Closing Remarks by Conference Chair</u></p> <p><u>Closing Remarks</u> Salim Virani Vice Provost Research AKU; Former Director, Cardiology Fellowship Training Program Baylor College of Medicine</p>	Auditorium

Oral Presentations

ISRC033: Evolutionary relationships and antimicrobial resistance of Staphylococcus aureus in humans, ruminants and companion animals.

Hafeez Toluwalope Akinniyi, Cheryl P Andam

ISRC053: Evaluation of Factors Causing a Delay in Management and Hospital Stay in Diabetic Foot Amputation Patients: A Prospective Cohort Study.

Dr. Syeda Anjala Tahir, Dr. Shaheen Bhatti, Dr. Zill-e-Huma, Dr. Muhammad Ahsan Khan (Corresponding Author), Dr. Areeba Rehman, Dr. Shumaila Tahir, Dr. Amanullah Abbasi.

ISRC111: Quality of life in children operated for spina bifida; low- and middle-income country perspective.

Mujtaba Khalil, Saqib Kamran Bakhshi, Zara Shah, Faiza Urooj, Shilpa Golani, Hassan Musood, Nida Zahid, Muhammad Shahzad Shamim, Michael Christopher Dewan.

ISRC119: Ectopic Urethral Opening in Herlyn-Werner-Wunderlich Syndrome: A Rare Radiological Finding.

Eesha Akhlaque, Dr. Irum Akhlaque, Muhammad Faateh Hassan, Mikail Khanzada.

ISRC172: Postoperative cardiac troponin I as an indicator of surgical outcomes: A systematic review.

Syed Hassan Ahmed, Neha Pervez, Syeda Tayyaba Rehan, Taha Gul Shaikh, Summaiyya Waseem.

ISRC188: Factors associated with medical students' career choices at a private university: a cross-sectional study.

Sana Saeed, Mahanoor Raza, Areeba Hussain, Farah Khalid, Maisam Ali

ISRC236: Glioma: An epidemiological landscape from a tertiary care center.

Haissan Iftikhar, Muhammad Ozair Awan, Syed Akbar Abbas, Khawaja Mustafa, Jai K Das, Dr. Saulat H Fatimi, Mubasher Ikram.

ISRC238: The Use of Psilocybin, Cannabis, Nicotine, and Morphine in the Management of Obsessive-Compulsive Disorder; A Systematic Review.

Amna Siddiqui, Ramsha Haider, Syeda Ilsa Aaqil, Laiba Imran Vohra, Khulud Qamar, Nabeela Fatima, Alishba Adnan, Vidhi Parikh

ISRC241: Barriers and Challenges to Early Detection of Brain Tumors in LMICs: A Systematic Review.

Syeda Fatima Shariq, Muhammad Shakir, Ahmed Altaf, Izza Tahir, Aly Hamza Khawaja, Ahmed Negida, Dr. Kee Park, Dr. Ather Enam.

ISRC246: How surgical approach impacts clinical outcomes in hip arthroplasty: A comparative study from a developing country.

Usman Ali, Eisha Saadat, Sherbaz Khan, Ahmed Raheem, Abdullah Ahmed, Mujtaba Khalil, Shahryar Noordin

E-Poster Presentations

ISRC002:Prevalence of Cardiac Risk Factors and Attitude toward Self-Risk Assessment among Cardiac Care Givers

Shumaila Furnaz, Musa Karim, Sajjad Ali, Muhammad Tanzeel ul Haque, **Muhammad Abdullah Usman**, Dileep Kumar, Tariq Jamal Siddiqi, Khawar Abbas Kazmi

ISRC004:Role of Probiotics in Patients with Allergic Rhinitis: A Systematic Review of Systematic Reviews

Haissan Iftikhar, **Muhammad Ozair Awan**, Muhammad Sohail Awan, Khawaja Mustafa, Jai K. Das, Shahzada Khuram Ahmed

ISRC005:Effect of non-invasive neuroelectric stimulation of oral cavity for obstructive sleep apnoea: a systematic review

Muhammad Ozair Awan, Haissan Iftikhar, Aahan Arif, Shahzada Ahmed

ISRC006:Prevalence and frequency of the use of nicotine pouches and its association with stress amongst students of medical and non-medical universities of Karachi, Pakistan
Muneeba Khan, **Natalia Junaid**, Zainab Anwar, Dr. Amna Mughal, Yumna Timsaal

ISRC007:Impact of social media on the development of Anorexia Nervosa in undergraduate students of Karachi

Areeba Ismail, Nikita Kumari, Ghana Raza, Naba Fatima, Sahil Kumar, Ghazala Usman

ISRC009:ASSESING FEAR OF MISSING OUT AND ITS ASSOCIATION WITH SOCIAL MEDIA ADDICTION AMONG PAKISTANI YOUTH; CROSS SECTIONAL STUDY ABSTRACT
Sheh Noor, Attia Qaddus, Irsa Ghazal, Maryam

ISRC010:HAS THE ERA OF ULTRASOUND IN THE MANAGEMENT OF RENAL STONE DISEASE COME TO AN END?

Sheh Noor, Attia,Irsa Ghazal, Maryam

ISRC011:Artificial Intelligence in HRCT of COVID-19 patients; its accuracy and efficiency VS conventional reporting

Shayan Rizwan, Asad Ullah Wasim, Hira Malik, Dr. Juwairya Omar, Dr Jawad Khan

ISRC012:Prediction of typhoid fever on the basis of blood parameters, a case control study- A single center experience

Dr. Muhammad Tariq Mehr, Dr. Muhammad Ishfaq, Dr. Ghulam Farooq, **Ali Qaisar Jadoon**,

ISRC016:AWAKE PRONE POSITIONING FOR PATIENTS WITH COVID-19 AND ACUTE RESPIRATORY FAILURE: A META-ANALYSIS

Huzaifa Ahmad Cheema; **Amna Siddiqui**; Sidhant Ochani; Alishba Adnan; Mahnoor Sukaina; Ramsha Haider; Abia Shahid; Mohammad Ebad Ur Rehman; Rehmat Ullah Awan; Harpreet Singh; Natalie Duric; Brigitta Fazzini; Antoni Torres; Tamas Szakmany

ISRC017:Probiotic Formulations & Gastro-intestinal diseases: A state-of-art review

"Amna Siddiqui, Ramsha Haider Syeda Ilsa Aaqil Laiba Imran Vohra Khulud Qamar, Nabeela Fatima Alishba Adnan Vidhi Parikh

ISRC022: Title: "Efficacy and Safety of Oteseconazole in Recurrent Vulvovaginal Candidiasis (RVCC)"

Tasmiyah Siddiqui, Kanwal Nihal, **Amna Iqbal**, Payal Rani Doultani, Tayyaba Ashraf, Farea Eqbal, Dr. Farheen Malik

ISRC025: A comparison of psychosocial impact and dietary habits in women with subfertility those with and without polycystic ovarian syndrome: a case-control study

Fatima Fakhir Musharraf, Wajiha Arif Siddiqui, Momal Ahmed Wasim, Anousha Ahmed, Dr. Haleema Yasmin, Dr. Bilal Aheed

ISRC029: Prevalence of E-CIGARETTE AMONG YOUTH OF PAKISTAN AND ITS IMPACT ON CHEST COMPLIANCE

Ahsan Ali, Tahira Ali, Anum Ayaz, Anusha Shad, **Nida Rizvi**, Muhammad Ali, Farah Deebea

ISRC030: IMPLEMENTATION OF MECHANICAL VENTILATION AND ITS OUTCOME ON SEPTIC PATIENTS ADMITTED IN TERTIARY CARE UNIT OF HOSPITAL ,

Zunaira Rais, Syed Hasan Abbas Rizvi, **Iqra Bibi**, Nida Rizvi, Shumaila yaseen, Yumna Wajid, Muqaddas Bint e khurram

ISRC032: Anxiety and Depression as Predictors of Quality Of Life in Cardiovascular Patients

Dr. Fouzia Shariq

ISRC034: Artificial Intelligence in HRCT of COVID-19 patients; its accuracy and efficiency VS conventional reporting

Shayan Rizwan - final year student Fazaia Medical College
Asad Ullah Wasim, Hira Malik, Dr. Juwairya Omar, Dr Jawad Khan, **Anusha Khattak**, Maryam Khan, Sania Nisar, Eman Tariq, Kashaf Fatima, Alisha Asim, Abid Iqbal

ISRC038: An Unusual Presentation of Atypical FSHD with Facial Sparing: A Case Report.

Umer Younas , **Asma Aamir**, Farooq Azam Rathore

ISRC040: KNOWLEDGE, ATTITUDE AND PRACTICES OF CERVICAL CANCER SCREENING AMONG FEMALE UNDERGRADUATE MEDICAL STUDENTS IN MOI UNIVERSITY

Mercy Chepkemoi, Regina Nyawira, Robert Muga

ISRC042: Performance of ABC and GARFIELD-AF compared to CHA2DS2-VASc and HAS-BLED Risk Score Models in Anticoagulated Atrial Fibrillation Patients: A Systematic review and Meta-analysis

Abraish Ali , Asad Ali Siddiqui, Izza Shahid

ISRC041: Helmet usage attitudes and practices amongst non-medical university students in Karachi

DR. Fouzia Shariq, **Yumna Shariff** , Sakina Shah Perver, Avinash Kumar, Abdul Jabbar , Tehreem, Syeda, Rida Abbas , Bisma Sheikh, Jaishree

ISRC047: Chronic Progressive Disseminated Histoplasmosis of Tongue: a rare case from Pakistan.

Bisma Salman, Ayesha Liaquat, Dr. Saira Fatima

ISRC049: ASSOCIATION OF CAFFEINE INTAKE WITH SLEEP QUALITY AMONG UNIVERSITY STUDENTS IN PAKISTAN; A CROSS-SECTIONAL ANALYSIS BETWEEN BOARDERS AND NON-BOARDERS

Masooma Zainab Bokhari, Momina Maham, **Zahra Tanvir**, Irum Aamer, Fariha Salman

ISRC050: Deep brain stimulation for refractory temporal lobe epilepsy
Owais Ahmad, Muhammad Umer Nasir, Syeda Rubab Fatima

ISRC051: Atypical HELLP Vs Acute fatty liver in pregnancy, a diagnostic dilemma
Michael Maina, Maina Muriithi, Felix Oindi, Steve Mutiso

ISRC052: Kinesiology Tape: A Descriptive Survey of Physiotherapists in Pakistan
Areej Azeem, Urwa Yaseen, Iqra Altaf, Sidrah Tul Muntaha, M. Faisal Qureshi

ISRC053: Evaluation of Factors Causing a Delay in Management and Hospital Stay in Diabetic Foot Amputation Patients: A Prospective Cohort Study
Dr. Syeda Anjala Tahir, Dr. Shaheen Bhatti, Dr. Zill-e-Huma, Dr. Muhammad Ahsan Khan, Dr. Areeba Rehman, Dr. Shumaila Tahir, Dr. Amanullah Abbasi.

ISRC054: EFFECT OF ANXIETY (HOSPITAL INDUCED) ON BLOOD PRESSURE MEASUREMENT USING A BECK ANXIETY INDEX
Dua Mushtaq, Prof. Dr. Bushra Iftikhar

ISRC057: Role of Aspirin in Prevention of Preeclampsia in Previously Hypertensive Pregnant Women: A Meta-analysis
Dr. Ashraf Jahangeer, Asma Ashraf Khan, Mahnoor Mansoor

ISRC059: Evaluating the clinical experience of third and fourth year dental students at Dow University of Health Sciences, Pakistan
Syeda Rida Ali, Maryam Nadeem, Laiba Shafiq, Kanwal Shabbir, Obaidullah Hayatzada, Hussain Sabir, Dr Tehniat F Ahmed, Dr Arynah Charaniya Sheikh

ISRC060: Perceptions of Emergency Nurses on Triage Process: A Literature Review
Rabab Vadivala, Mahrukh Vadivala

ISRC061: Frequency and risk factors of postsurgical site infections in tertiary care hospital Peshawar
Dr Imranullah, Dr Jehan, Manahil Saeed Khan, M. Shamo Khan, Umama Junaid, Malik Muaz Iqbal

ISRC062: Limited Efficacy of Neoadjuvant Therapy for Signet Ring Cell Carcinomas of the Rectum: Experience from a Tertiary Care Hospital in Pakistan.
Dr. Dileep Kumar¹, Dr. Rabbiya Ali¹, Dr. Khursheed A. Samo¹, Azzam Ali², Afeera Bashir Ahmed², Dr. Amjad Siraj Memon¹.

ISRC063: Influence of physiological variables and psychosocial factors on the onset of menarche in Asian school girls
Hamna Tarar, Khadija Jameel, Abeer Shahzad, Shibrh Hameed, Dow Medical College, Dow University of Health Sciences

ISRC068: Shining Light on Eye Diseases in Pakistan: Findings from a Hospital-based Cross-sectional Study
Salman Zahir, Khansa Khan, DR. Sarwat Jehan, Somia mazhar, DR. Falak Naz

ISRC070: The Awareness of Lumpy Skin Disease (LSD) Among Health Care Practitioners of Karachi Pakistan
Dr Kiran rafique, Shagufta Nesar, Muskan mehfooz

ISRC073: THE ROLE OF BENAZIR INCOME SUPPORT PROGRAMME (BISP) TO REDUCE POVERTY: A CASE STUDY OF DISTRICT SOHBATPUR, BALUCHISTAN
prf. Dr Kiran Rfique, Nimrah Jawed, Zubia Jalil

ISRC074: CONSTITUENTS OF CLUSTER BEANS EFFECTS ON MICROBES: AN ANALYSIS THROUGH GCMS

Rabia Munawwar,, Sameer Ali, Zoya Aqeel,
Anaras Khalid, Hifza Ilyas,, Ayesha Urooj,

ISRC075: Perceived usefulness of smartphone medical apps as theoretical and clinical learning aids amongst medical students in Pakistan

Khan, Hira, Golani, Shilpa, Tahir, Waqas

ISRC076: Questionnaire-based screening for Polycystic Ovary Syndrome and its associations in students of ICG F-6/2, Islamabad

Shireen Haider, Muhammad Ibrahim Khan,
Muhammad Abdullah Mehmood , Fatimah Karim
Kundi,Fatima Shaukat,
Anza Ayub

ISRC077:KNOWLEDGE, ATTITUDES AND PERCEPTIONS REGARDING ARTIFICIAL INTELLIGENCE AND ITS USES IN ORAL RADIOLOGY AMONG DENTAL SURGEONS OF LAHORE

GHULAM MOHAMMAD PARACHA, LUBNA
YOUSAF,
MERAL FATIMA, , PROFESSOR DR
MUHAMMAD ASIF SHAHZAD, DR AMINAH
IKRAM ULLAH

ISRC078: Screen Time and its relation with Attention Deficit Hyperactivity Disorder among Children attending OPDs at National Institute of Child Health, Karachi

Dr. Zaeema Ahmer, Marriam Sultan Dar,
Muriam, Mahjabeen Shah, Noor Ul Ain, Umm e
Habiba, Fatima Shahid

ISRC079: Investigating the perceptions of menstrual irregularity in women of reproductive age of Karachi, Pakistan.

Syeda Tehreem Irfan, Wania Khan, Batool
Adnan, Iqra Siddiqui, Laiba Jamal, Rumaisa
Siddiqui, Dr Tehniat Faraz Ahmed, Dr Amynah
Charainiya Sheikh,

ISRC081: OBSESSIVE-COMPULSIVE DISORDER IN STUDENTS OF FAZAIA MEDICAL COLLEGE

Rida Ali Aamir, Maryam Salman, Hira Shafique,
Ahmed Bin Majjid, Swail Gurmani, M.Farhan
Chattha

Dr. Jawayria Omer

ISRC083: Racial disparities in Post-Operative complications following Total Shoulder Arthroplasty (TSA): A systematic review and Meta-analysis

Ramish Sumbal, Saad Ashraf , Uooja Vinod,
Anusha Sumbal

ISRC084: Burnout among female post-graduate gynecology residents and consultant gynaecologists, a study from Khyber Pakhtunkhwa province of Pakistan

M. Iltaf (Final Year MBBS Ayub Medical
College)
Obaid ur Rehman

ISRC085: Serum Cytokines and Bone Turnover Markers: A Cross Sectional Study in Karachi, Pakistan

Dr. Arfa Azhar, Sheraz Hakeem, Mussarat
Ashraf, Dr. Rehana Rehman

ISRC086: MAIN TITLE: Assessment of Knowledge and Attitude Regarding Breastfeeding Among Mothers Visiting Pediatric and Gynecology Departments of Fauji Foundation Hospital, Rawalpindi, Pakistan

Mahnoor Fayyaz, Ahmad Ali Khan, M. Tanveer
Naveed Qazi, Noor e Kainat. Rayyan Makki

ISRC090: Proposed Novel Classification of Circumscribed Lower-Grade Gliomas (cLGG) vs. Infiltrating Lower-Grade Gliomas (iLGG): Correlations of radiological features and clinical outcomes

Ahsan Ali Khan , Muhammad Usman Khalid ,
Izza Tahir , Mohammad Hamza Bajwa , Faiza
Urooj , Meher Angez , Muhammad Waqas
Saeed Baqai , Kiran Aftab , Shahabuddin
Ansari,Ummul Wara Khan , Kunwer Sufyan
Faisal , Ali Azan Ahmed , Syed Ather Enam a

ISRC091: Vitamin D Levels and Outcomes After IVF: A Systematic Review and Meta-Analysis

Muhammad Faateh Hassan, Mikail Khanzada, Eesha Akhlaque, Obaid Ur Rehman, Mujeeb Ur Rehman, Sadia Iram, Zara Shahzad, Aeliya Mirza Sheharyar Tariq

ISRC092: Is TNF-alpha inhibitor use associated with long term weight gain in IBD patients?: A Systematic Review and Meta-analysis

Mikail Khanzada, Dr Maryam H. Khan, Eesha Akhlaque, Muhammad F. Hassan, Sadia Iram, Ahmed Haroon, Dr Waqas Nawaz, Dr Khalid Mumtaz

ISRC093: Body Dysmorphic Disorder (BDD): Prevalence in the general population of Pakistan and its association with social media usage

Saleha Azeem, Ayesha Liaquat, Zunera Huda, Biah Mustafa, Nimrah Iqbal, Aman Salaam Ahmad, Mariam Adil, Aayat Ellahi, Syed Muhammad Ashraf Jahangeer Al'Saani,

ISRC094: A case of forgotten thyroid Fatima Mughis

Faiqa Aamir, Kamran Hussain, Sara Iqbal, Saulat H. Fatimi

ISRC096: Effect of Internet Addiction on Depression among Pakistani Population amidst the COVID 19.

Maryam Pyar Ali Lakhtdir, Meher Angez, Apsara Ali Nathwani, Ayesha Nasir Hameed, Malik Muhammad Hamza Khan, Muhammad Talha Nawaz, Ghazal Peerwani, Syed Iqbal Azam

ISRC098: Etiological and presentation spectrum of intestinal obstruction among pediatric age group presenting to Tertiary Hospital in Faisalabad (Pakistan)

Muhammad Haseeb

ISRC101: Overprotective parenting and its effect on child's health

Nowshin Iqbal

ISRC103: Cost Breakdown of Laparoscopic Cholecystectomies for Complicated Gallbladder Disease at a Tertiary Care Hospital of Pakistan: A Retrospective Study

Syeda Amrah Hashmi, Zehra Naseem, Russell Seth Martins, Aiman Arif, Mohummad Hassan Raza Raja, Khawaja Mohammad Inam Pal

ISRC104: Assessment of Knowledge, Attitude and Practices Among Medical Students in a LMIC (Pakistan) on Needle Stick Injury

Muzamil Hussain¹, Namrah Aziz¹, Saadia Abbas¹, Ali Gardezi¹, Mirza Tayyab Mehmood¹, Numair Belgaumi¹, Aarish Anis¹, Faiqa Binte Aamir¹, Ahmed Areeb¹, Kantesh Kumar¹, Dr. Sana Hyat, Dr. Masood Kadir

ISRC105: Experiences and Beliefs Related to Sleep Paralysis Among General Population of Rawalpindi-Islamabad

Ahmed Ali Khan, Mahnoor Fayyaz, Maheen Nawaz, Rayyan Mohammad Makki Bakhsh

ISRC107: The Use of Brachytherapy Boost in Addition to External Radiation in Management of Malignant Brain Tumors - A Systematic Review

Salaar Ahmed, Asad Saulat Fatimi, Muhammad Abdullah.

ISRC108: Atypical Presentation of a Large, Diffuse Pulmonary Arteriovenous Malformation

Salaar Ahmed, Amna Irfan Ansari, Abdullah Saeed Khan

ISRC109: Pattern and Prevalence of Maxillary Canine, A CBCT Based Study

MAHAM KHALID, MEHMIL ASLAM,
MUHAMMAD SALMAN AMINWALA, WAHEED
GUL SHAIKH, MARIUM AZFAR, NOSHEEN
KHAWAR, SYEDA ALIZAH

ISRC110: AWARENESS ABOUT PROBLEMATIC VIDEO GAMING AMONG PARENTS AND ITS SOCIO PSYCHOLOGICAL IMPACT ON THEIR CHILDREN.

Abdullah Aslam Khan, Uzair Ahmed, Eisha
Aziz

ISRC111: Quality of life in children operated for spina bifida; low- and middle-income country perspective.

Mujtaba Khalil, Saqib Kamran Bakhshi, Zara
Shah, Faiza Urooj, **Shilpa Golani**, Hassan
Musood, Nida Zahid, Muhammad Shahzad
Shamim. Michael Christopher Dewan

ISRC112: Assessing the decline in cognition with Comorbidities and age using MMSE

Sheraz Khan, Rashid, Rafia, Safia

ISRC113: Clinical Characteristics, Management, and Outcomes of Intramedullary Spinal Cord Ependymomas in Adults: A Systematic Review

Shaheer Farooqi , Sameer Saleem Tebha,
Mohammad Aadil Qamar , Spencer Singh,
Yara Alfawares,, Vishan Ramanathan, Ali S.
Haider, Gianluca Ferini, Mayur Sharma ,
Giuseppe E. Umana, Salah G. Aoun,, Paolo
Palmisciano

/

SRC115: A Study On Parents Of Thalassemic Children: The Impact Of Awareness And Experience On Their Decision-Making Ability For Future Pregnancies

Dr. Asma Shaikh, **Bushra Iqbal**, Amna Batook,
Murim Saeed, Muhammad Ahmad, Sayeda
Kausar Ifzal

ISRC116: Menstrual changes following the COVID-19 vaccination in the female population in Pakistan: a cross-sectional study.

1. Muhammad Faateh Hassan, **Eesha Akhlaque**, Mikail Khanzada, Ayesha Sabrina
Aslam, Sadia Iram, Aeliya Mirza, Shehreyar
Tariq, Zara Shahzad

ISRC119: Ectopic Urethral Opening in Herlyn-Werner-Wunderlich Syndrome: A Rare Radiological Finding

Eesha Akhlaque, Dr. Irum Akhlaque,
Muhammad Faateh Hassan, Mikail Khanzada

ISRC120: Has COVID-19 made medical students less confident doctors? A cross-sectional study of final year medical students in Pakistan

Salva Shariq, Dr. Maria Khan, Dr. Sadia Fatima,
Dr. Ainan Arshad

ISRC121: Prevalence of Postpartum depression in Mothers of Karachi, Pakistan

Hafsa Sabih, Talha Khilji, Noor un Nisa, **Sahara Saleem**, Rida Rizvi, Zartasha

ISRC122: Assessment of hygiene behaviour amongst psychiatric outpatients at a tertiary care hospital in Karachi: A cross-sectional study

Salva Shariq, Dr. Faiza Zeeshan, Dr. Chooni Lal,
Urooj Usmani, Raheed Waseem

ISRC124: Prevalence of Self-Medication Practice among Medical Students

Sajid Atif Aleem, **Fatima Amin**, Varda Batool,
Aanchal kumari, Rimsha Abbas, Ali Khan, Hiba

ISRC125: Postoperative Delirium in 47,379 Individuals Undergoing Transcatheter Aortic Valve Replacement: A Systematic Review and Meta-Analysis

Sidhant Ochani, MBBS, Khairpur Medical College, Khairpur Mir's, Pakistan. Alishba Adnan, Amna Siddiqui, Asifa Kalwar, Sandhaya Kukreja, Mushtaq Ahmad, Hasan Ashraf, Mustafa Ali Asghar.

ISRC126: Association of Sleep paralysis with Post Traumatic Stress Disorder, Pathological Worry, and Perceived Stress

Azal ikhlaq, **Hunniya bint E Riaz**, Imtiaz Bashir, Farhat khurram rana, Rana khurram

ISRC127: The role of Dapagliflozin in cardiovascular outcomes in patients with or without heart failure: A Systematic Review and updated Meta-Analysis

Arooba Ejaz, **Adeena Musheer**, Anousheh Awais Paracha, Aiman Rahim, Saamia Raza, Hasan Mushahid, Noor Fatima Raja, Zobia Ahmad

ISRC128: Knowledge and Symptoms Prevalence of Digital Eye Strain among Undergraduate medical students of Jinnah Sindh Medical University.

Farooq Yousuf, Ebad ur Rehman, Ehtishamuddin, Misha Ilyas, Sawaira Afsar

ISRC129: Relationship between mental health disorders and readmissions following total joint arthroplasty; A systematic review and meta-analysis

Ramish Sumbal, Minha Murtaza, Anusha Sumbal, Aamna Farooq, Mirza M. Ali Baig, Laila Tul Qadar,

ISRC130: The Relationship Between Depressive Symptoms in Mothers and Reduced Child Spacing: A Cross-sectional Study in Karachi

Abdul Basit Afzal, Aleena Asif, Ayesha Siddiq, Haleema Sadia, Hawra Hussain, Maham Jaskani, Muhammad Mushahid Hussain Rizvi, Noor-us-Sabahat, Sameen Nasir, Shahnoor Ahmed, **Syed Abbas Moazzam Kazmi**, Zulfiqar Jomezai.

ISRC132: Patient-Reported Outcomes and Complications of Simultaneous or Staged Surgical Decompression for Tandem Spinal Stenosis

Mujtaba Khalil, Mustafa Mushtaq, Fatima Suleman, Meher and Dr. Muhammad Shahzad Shamim, **Iqra Fatima Munawar Ali**

ISRC135: Development of depression in patients using androgen deprivation therapy: A systemic review and meta-analysis

Shurjeel Uddin Qazi, Zahabia Altaf, Mariam Zafar, Muhammad Ali Tariq, Areesha Khalid, Aleesha Kaleem, Emaan Saad, Sana Qazi

ISRC136: Long-acting reversible contraceptives - Implant vs. Intrauterine Device; Why go for either?

Amera Tariq
PNS Shifa Hospital, Bahria University of Health Sciences, Karachi.

Ayisha Raja, Samina Rehan Khan, Noureen Jawad, Tariq Mahmood Malik, Manahil Tariq Malik, Rameen Tariq Malik

ISRC137: Effect of SGLT2 Inhibitors on Health-Related Quality of Life in Patients with Heart Failure: A Systematic Review and Meta-Analysis

Muhammad Shariq Usman, Arsalan Hamid, **Shurjeel Uddin Qazi**, Sana Qazi, Tariq Jamal Siddiqi, Javed Butler

ISRC140: Frequency and histopathological manifestations of H pylori-induced gastritis according to age and gender.

Dr. Mariam Fatima Waqar, **Mirha Ali**, Dr. Farhana Zafar, Prof. Syed Masroor Ahmed, Dr. Zeeshan Ali Junejo, Dr. Shabnam Naveed

ISRC142: THE MYTHS AND CHALLENGES REGARDING MENSTRUAL HYGIENE AMONG ADOLESCENT GIRLS OF ISLAMABAD.

Maimoona Nazar, Laiba Sultan, Janita Azeem, Laiba, Mariam

ISRC145: Covid-19 Vaccination Hesitancy and its Association with Conspiracy Beliefs: a Cross-sectional Comparison among Medical and Non-medical Undergraduate Students

Anza Usman, Maria Khushi, Mahnoor, Hina Fatima, Sadal Iqbal

ISRC146: Evaluation of general perspective regarding road traffic accidents (RTA) in general population of Karachi

Kainat Surani, **Ariba Ahmed**, Hafiza Aisha malik, Humera Ishaq, Tahmina Maqbool

ISRC147: Effects of Vitamin D on Systemic Lupus Erythematosus Disease Activity and Autoimmunity: A Systematic Review and Meta-Analysis

Shayan A. Irfan, Abid A. Ali, Naqiha Shabbir, Hina Altaf, Ali Ahmed, Jafrikh Thamara Kunnath, Naga Vijaya L. Divya Boorle, April K. Miguel, Chia Chi Loh, Nikhila Gandrakota, **Mirza M. Ali Baig**

ISRC148: Is Plasma Fibronectin a Potential Prognostic Factor for Sepsis Patients? A Systematic Review and Meta-analysis

Mirza M. Ali Baig, MBBS (Dow University of Health Sciences, Karachi, PK)

Anusha Ashkar , MBBS (Dow University of Health Sciences, Karachi, PK)

Shayan A. Irfan, Minha Murtaza

ISRC150: DETERMINE THE FACTORS CONTRIBUTING TO INCREASE THE CESAREAN SECTION RATE AMONG POST PARTUM WOMEN IN TWO PRIVATE HOSPITALS AT LYARI TOWN, KARACHI, PAKISTAN.

Muhammad Yaseen Khan, **Tariq Aziz**, Saba Waseem, Shahid Ali Khan, Ehsrat Fatima, Shahla Pardhan Samir Ali Hasnani

ISRC154: Outcomes with CD34-Selected Stem Cell Boost for Poor Graft Function after Allogeneic Hematopoietic Stem Cell Transplantation: A Systematic Review and Meta-Analysis

Moazzam Shahzad, Raheel S Siddiqui, Iqra Anwar, Sibgha Gull Chaudhary, Tayyaba Ali , **Masooma Naseem**, Tehniat F Ahmed, Zahoor Ahmed, Shared Khurana, Nausheen Ahmed, Ramesh Balusu, Anurag K Singh, Peiman Hematti, Natalie S Callender, Sunil H Abhyankar, Joseph P McGuirk, Muhammad Umair Mushtaq

ISRC157: Empathy levels among undergraduate medical students in Karachi, Pakistan

Masooma Naseem (Ziauddin University)

Burhanuddin Tahir, Afia Salman, Sara Qadir, Rida Farhan, Sajjad Ali, Zehra Naseem, Warda Ahmed

ISRC158: Intraoperative Foley's catheter use and other risk factors for postoperative urinary retention in inguinal hernia repair surgeries: A systematic review and meta-analysis

Syed Hassan Ahmed Rizvi (Dow Medical College)

Muhammad Talal Ashraf, Syed Hussain Ahmed Rizvi, Ayesha Hashmi, Arisha Rahman, Mariam Amjad

Asim Shaikh

ISRC160: COVID-19 Pandemic and Mental Well-Being: A Study Conducted on Medical Students and Their Parents in a Private Medical College in Pakistan

Misha Khan, Muflaha Ibrahim, Muhammad Saad Shabbir, Muhammad Huzaifa Tofique, Muhammad Naheel Khalili, Muhammad Asad, Muhammad Ahmed, Muhammad Haroon, Dr. Saima Zainab

ISRC161: ELUCIDATING THE ANTI-INFLAMMATORY ANALGESIC PROPERTIES OF RICININE: A comprehensive evaluation of its effectiveness in the management of painful inflammatory conditions

Dr. Sumaira Ishaq, Dr. Huma Shareef, **M. Roshan Khan**, Maneeha Raghib,

ISRC162: Efficacy and Safety of Vericiguat for Treatment of Heart Failure: A Systematic Review

Taha Gul Shaikh, Shizra Jawed, Zainab Syeeda Rahmat, Syed Hassan Ahmed Summaiyya Waseem, Irfan Ullah, Muhammad Irfan. Muhammad Sohaib Asghar

ISRC163: Social Media Usage And Its Association With Self-Esteem And Elective Facial Procedures In Pakistan: A Cross-Sectional Study

Eeshah Nasir, Aabiya Arif , Fatima Maik, Lamia Rizvi, Laiba Imran, Muhammad Daniyal

ISRC165: Assessment and Evaluation Of Functional Abilities of Geriatric Population: A Cross-sectional Study at Civil Hospital, Karachi.

Syed Muhammad Abbas, **Waniyah Masood**, Amaima Shakir, Aqsa Nasir, Noor Ayman Khan, Sawera Haider, Ashhad Rabeegh

ISRC166: Higher Mortality Associated With New-Onset Atrial Fibrillation in Cancer Patients: A Systematic Review and Meta-Analysis

Minha Murtaza, Mirza Mehmood Ali Baig, Jawad Ahmed, Liviu Ionut Serbanoiu, Stefan Sebastian Busnatu

ISRC167: Stress Management in Middle Age Stay at Home Women: A Family Centered Awareness

Rabab Vadivala, Arisha Amin, Sakina Bibi, Samiullah

ISRC168: The Effect of Anti-epileptic Medication on Intraoperative Fluorescence of 5-Aminolevulinic Acid During Glioma resection: A Systematic Review and Meta-analysis

Aabiya Arif , Usama Khalid Choudry, Karim Rizwan Nathani, Saad Akhtar Khan, Minza Haque, Ahmed Noor, Ikhlas Ahmed, Muhammad Saad Pasha

ISRC169: Persistence of symptoms after end of isolation among patients diagnosed positive for COVID-19

Madiha Anwar, Mohsin Haider, Maria Moin, **baynita khalid**, laveeza kashif,

ISRC170: Frequency of Azithromycin resistance to Salmonella. typhi

Principal Investigator: **M.Abdullah khan**, Farwa Shoaib

ISRC172: Postoperative cardiac troponin I as an indicator of surgical outcomes: A systematic review

Syed Hassan Ahmed,, Neha Pervez, Syeda Tayyaba Rehan, Taha Gul Shaikh, Summaiyya Waseem

ISRC174: Efficacy of Remimazolam for Procedural Sedation in American Society of Anesthesiologists (ASA) I to IV Patients Undergoing Colonoscopy: A Systematic Review and Meta-Analysis

Ibtehaj Ul-Haque, Taha Gul Shaikh, **Syed Hassan Ahmed** , Summaiyya Waseem , Nashwa A Qadir, Taha Bin Arif, Shamim Ul Haque

ISRC175: Assessment of impact of Celiac disease on the Health-Related Quality of Life of Online Celiac Community of Pakistan
Noor-E-Kainaat, Ahmed Ali Khan, Ayesha Nousheen Malik, Khadeeja Binte Azam, Ammar Yasir

ISRC177: Impact of a Three-Month Surgical Internship on the Career Choices of Fresh Medical Graduates: A Pre-Post Observational Survey
Eeman Ahmad, Syed Muhammad Hammad Ali, Muhammad Afraz, Abdullah Safdar, Asim Malik

ISRC181: Health related quality of life in patients undergoing lower limb amputation secondary to peripheral arterial disease: A Study from Karachi, Pakistan
Dr. Rubina Hashim, Zarmina Islam, Dr. Waryam Panhwar, Dr. Ziad Sophie, Dr. Fahad Tariq Berlas, Dr. Areeba Salim

ISRC182: The Efficacy and Safety of Burosumab in treating Patients with X-linked Hypophosphatemia: A Systematic Review
Eisha Tur Raazia, Duaa Amir, Huma Shareef

ISRC183: EFFICACY OF GLP1 Agonist in Obese Non-Diabetic patients
Authors: Huzaifa UI Haq Ansari, Qazi Shurjeel Uddin, Faiza Sajid , Zahabia Altaf, Sana Qazi

ISRC185: Estimation of IGF-I levels and its favorable outcomes for ART in women with primary and secondary infertility.
Dr huma Salahuddin, Dr Rehana Rehman, Muhammad Raza Sarfraz, Dr Sadia Rehman

ISRC188: Factors associated with medical students' career choices at a private university: a cross-sectional study
Sana Saeed, Mahanoor Raza, Areeba Hussain, Farah Khalid, **Maisam Ali**

ISRC189: Mobile Applications for Infectious Diseases and Pandemics Surveillance available for use in Nigeria: Quality Appraisal and Content Analysis
Julianah Adebisi, Felix Akinlaja, Deborah Adepoju, Abigail Oyedokun

ISRC190: Albumin and Phototherapy v/s Phototherapy alone for Neonatal Hyperbilirubinemia: A Systematic Review and Meta-Analysis
Arisha Saleem, Unaiza Naeem, Syed Hasan Shuja, Areesha Jawed, Muhammad Aarish Nadeem, Eisha Waqar, Heena Rais

ISRC192: Hybridizing video-based learning with simulation for flipping the clinical skills learning at a University Hospital in Pakistan
Sana Saeed, Maryam Khan, Muhammad Muneeb Ullah Siddiqui, Anny Dhanwani, Areeba Hussain, **Muhammad Maisam Ali**

ISRC193: The Clinical Manifestations and Efficacy of Different Treatments Used for Nephrogenic Systemic Fibrosis: A Systematic Review
Shaheer Farooqi, Afshan Mumtaz, Aabiya Arif, Mehwish Butt, Una Kanor, Samuel Memoh, Mohammad Aadil Qamar, Abubakr Yusuf

ISRC194: FREQUENCY OF ACNE FORMATION WITH THE USE OF FACE MASK
Umaima Rafiq, Dr.Saima Zainab, Sana Najib Ashraf

ISRC196: Manifestation of Pityriasis Rosea and Pityriasis Rosea-like Eruptions after Covid-19 Vaccine: A Systematic Review
Iman Khan, Ahmed Ali Elsanousi, Amena Maheen Shareef, Sameer Saleem Tebha, Aabiya Arif , Sana Gul

ISRC198: Quality of Life in Childhood-onset Craniopharyngioma: Institutional Experience from a Lower-Middle Income Country
Muhammad Waqas Saeed Baqai , Zara Shah, Muhammad Jawad Amin Malik, **Noreen Zia**, Shameel Shafqat, Muhammad Shahzad Shamim

ISRC200: Effectiveness of Virtual Reality in managing pain and anxiety in adults during peri-operative period: a systematic review and meta-analysis
Muhammad Suraim Kodvavi, Mustafa Ali Asghar, Rimmel Abdul Ghaffar, Ilsa Nadeem, Sunaina Bhimani, Varsha Kumari, Azkah Rabbani, Maham Iqbal, Raahim Naeem, Aqsa Muhammad Nasir, **Syed Shayaan Hassan**, Muhammad Salman Ghazni

ISRC203: Comparative efficacy and safety of lemborexant 5 mg versus 10 mg for the treatment of insomnia: a systematic review
Ume Habiba, Radeyah Waseem, Taha Gul Shaikh, **Summaiyya Waseem**, Syed Hassan Ahmed, Muhammad Sohaib Asghar

ISRC204: In building Moral Courage Among Novice Nurses: A Case study
Sonum Sohail Nadeem, Simran M. Shafique

ISRC205: Donatio organorum- reluctance to organ donation among medical students; a cross-sectional descriptive study.
Sumia fatima, Zainab hussain, Sidra hamid, **Zainab idrees ahmad**, Maryam mansoor, Tayyaba idrees

ISRC206: Predictors of Colorectal neoplasm following a negative colonoscopy: A systematic review and meta-analysis
M Abdullah Khalid (duhs)
Mahnoor sadiq, M Saad Arshad, Ramesh Sumbal, dr omer, dr rabiya, dr imrana aziz

ISRC209: Longterm Caregiving and its Impact on Caregivers of Dependent Individuals in the Vicinity of JSMU
Musfirah Khalid, Amal Usmani, Rumaisa Khalid, Ibtisam Mirza, Muhammad Umar Siddiqui

ISRC212: Prevalence of fuller earth (Multani Mitti) consumption in general population of Pakistan; A health concern
Salma Jabbar, Somia Gul

ISRC213: Mysterious dengue-like virus: A case report from Pakistan
Summaiyya Waseem, Syed Hassan Ahmed, Taha Gul Shaikh, Laila Tul Qadar, Saad Khalid, Nirav Nimavat, Mohammad Mehedi Hasan

ISRC215: L-CARNITINE SUPPLEMENTATION EFFECT ON BRAIN NAURETIC PEPTIDE LEVELS AND INTRADIALYTIC HYPOTENSION IN PATIENTS RECEIVING MAINTENANCE HEMODIALYSIS: A RANDOMIZED CONTROL TRIALS (Randomized Control Trial)
Dr sadia Rehman, **Muhammad Raza Sarfraz**, Dr Muhammad Farhan

ISRC218: Health and Immune Boosting Techniques of General Adult Pakistani Population: A KAP Study

Iman Khan, Shaheer Farooqi, Ahmed Safi Vahidy, Mohammad Aadil Qamar, Rubaid Azhar Dhillon, **Ahmed Azam**

ISRC223: Sepsis: overview of the latest updates

Marah Mansour, Komal Manghani, Sadia Junejo, **Rabbia Gul khan**, Sohaib Tousif, Mohammad Gaith hulo, Hasan alzuhaily, Soima ali muhammad

ISRC224: Acceptability and Preferences for Long Acting Injectable Antiretroviral Therapy over Oral Antiretroviral Therapy and other Treatment and Prevention Modalities- a Systematic Review

Deborah Akinrinde, Olalekan Ata, Olajire Salako, Ruth Oladele, Miracle Adesina

ISRC226: Tackling Antimicrobial Resistance in West Africa: Implementation of National Action Plan and Progress so far

Omojuyigbe Jeremiah Oluwamayowa, Oladipo Habeebullah Jayeola, Ruth Oladele, Miracle Adesina, Deborah Akinrinde, Kehinde Fatola

ISRC227: Association of physical and mental distress in students with increase screen time during COVID-19 pandemic

Zara IQBAL, Maria Yaseen, Misbah zahra, **Miral Noor**, Saima Tanveer, Maira dua, Mahnoor waseem, Mina Nadeem, Shafaq Khola

ISRC228: EVALUATION OF PHOSPHORYLATED-TAU AS POTENTIAL THERAPEUTIC TARGET IN ALZHEIMER'S DISEASE

Izza Tahir, Hamna Ganny, Nauyaan Qureshi, Sarim Raheel and Bushra Amin

ISRC230: A Rare Case of Intranasal Glomus Tumor: Unique Clinical Features and Treatment Considerations

Abdul Basit Shah Vardag, Muhammad Sohail Awan, Muhammad Uzair, **Mohammad Shahzaib Qadir**

ISRC231: MYTHS AND CHALLENGES REGARDING MENSTRUAL HYGIENE AMONG ADOLESCENT GIRLS OF ISLAMABAD.

Maimoona Nazar, Laiba Sultan, Janita Azeem, Laiba, Mariam

ISRC232: Knowledge, Attitude, and Practice of Folic acid use in pregnancy: A descriptive cross-sectional study

Muhammad Momin Khan, Muhammad Saad Arain, Muhammad Rayan Syed, Mushk Zehra Shah, Dr. Ifrah Sanauallah Arain

ISRC234: Pleuro Pulmonary Complications of Dengue Fever

Iffat Khanum, Rohama Samar, Sajjan Raja, Hiba Sawliha, **Syeda Sakina Mehdi**

ISRC236: Glioma: An epidemiological landscape from a tertiary care center

Usman khalid, Altaf Laghari, Izza Tahir, Areeb Lutfi, Wahab Fazal, Meher Angez, **Fareeha Nisar**, Muhammad Hamza, Syed Ather Enam

ISRC237: Association between Work-related Musculoskeletal symptoms(WMSs) and Quality of life among Dental Practitioners of Peshawar City:A Cross-sectional Study

Hafsa Rehman Amna Amjad Aliya Khan

ISRC238: The Use of Psilocybin, Cannabis, Nicotine, and Morphine in the Management of Obsessive-Compulsive Disorder; A Systematic Review

Iman Khan , Taimoor Asif Jaura, Alaa Tukruna, Aabiya Arif, Sameer Saleem Tebha, **Sameen Nasir**, Dattatreya Mukherjee, Nadia Masroor

ISRC239: The role of antioxidants in post-menopausal osteoporosis: A systematic review and meta-analysis
Arisha Saleem, Muhammad Uzair, **Misha Asif Tauni**, Hafsa Nazir Jatoi, Unaiza Naeem, Menahel Munir, Summaya Latif

ISRC240: Unmasking the truth: The relationship between face mask use and facial dysmorphism among young Pakistani individuals

Muhammad Uzair, Syeda Fatima Shariq, **Malik Muhammad Hamza Khan**, Zahra Iftikhar, Astad Yazdi Sidhwa, Abdullah Khan Khattak, Fareeha Nisar, Muhammad Hamza Siddique, Zahra Fatima Rahmatullah, Muhammad Rafai Babar, Rayyan Qureshi, Bushra Emman, Zainab Umar

ISRC241: Barriers and Challenges to Early Detection of Brain Tumors in LMICs: A Systematic Review
Syeda Fatima Shariq, Year 4, Medical Student, AKUH

Muhammad Shakir, Ahmed Altaf, Izza Tahir, Aly Hamza Khowaja, Ahmed Negida, Dr. Kee Park, Dr. Ather Enam

ISRC242: Assessing Frailty with the Modified 5-Item Frailty Index (mFI5) and its Association with 30-day Outcome Measures in Total Hip Arthroplasty (THA) Patients in Resource Limited Settings

Usman Ali, Shahzil Abdur Rehman Malik, Ahmed Altaf, Azeem Izhar, Sherbaz Khan, Shahryar Noordin

ISRC243: Knowledge, attitudes, and supportive practices regarding menstrual hygiene among men at a tertiary care hospital in Karachi

Dr. Asaad Nafees, **Maryam Ali Chaudry**, Areesha Ahmer, Ali Hyder, Altamash Shahriyar Ghazanfar, .Aly Hamza, .Alyna Khan, .Anoosha Marium, .Ayush Kumar, .Malik Isa Shaukat, .Mina Karim, Muhammad Uzair Sheikh, Nauyaan Ahmed Qureshi.

ISRC244: The Outcomes of Femoral Neck Fractures Repair vs Elective Total Hip Arthroplasties: Analysis from an Orthopaedic Registry from a Developing Country

Usman Ali, Sherbaaz Khan, **Abdullah Ahmed**, Hanan Raja, Arsalan Khattak, Ahmed Raheem, Shahryar Noordin

ISRC245: Perioperative Hemoglobin and Blood Transfusion as Predictors of Postoperative Complications after Total Hip Arthroplasty- A Retrospective Analysis

Usman Ali, Sherbaz Khan, **Azeem Izhar, Hanan Raja**, Abdullah Ahmed, Shakir Afridi, Shahryar Noordin

ISRC246: How surgical approach impacts clinical outcomes in hip arthroplasty: A comparative study from a developing country

Usman Ali, **Eisha Saadat**, Sherbaz Khan, Ahmed Raheem, Abdullah Ahmed, Mujtaba Khalil, Shahryar Noordin

ISRC247: Do Surgical Site Infections and Dislocations Differ in Primary and Revision Hip Arthroplasty? A retrospective cohort study from a single centre Arthroplasty Registry

Usman Ali, **Abdullah Ahmed**, Sherbaz Khan, Azeem Izhar, Arsalan Khattak, Ahmed Altaf, Shahryar Noordin

ISRC248: Surgical approach and outcomes in Total Hip Arthroplasty for femoral neck fractures: a retrospective cohort study

Usman Ali, **Syed Muhammad Waqas**, Sherbaz Khan, Arsalan Khattak, Hanan Raja, Ahmed Raheem, Shahryar Noordin

***ISRC249: FREQUENCY AND DISTRIBUTION
OF CO-MORBIDITIES IN PROTEIN ENERGY
MALNUTRITION CHILDREN ADMITTED IN
NUTRITION UNIT DHQ HOSPITAL, DISTRICT
D.I.KHAN, PAKISTAN***

**Fawad Ahmed, Sher Ullah, Muhammad Ilyas,
Muhammad Ijaz, Atta Ullah, Ibrar Ali**



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