



# 1<sup>st</sup> NORTHWEST ANNUAL RESEARCH CONFERENCE



**"Advancing Research  
In Challenging Times"**

***Scientific Program***

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**14th - 15th October 2022**

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[www.nwsm.edu.pk/narc](http://www.nwsm.edu.pk/narc)

<b>REGISTRATION</b>	
Front Desk	
<b>OPENING CEREMONY (14/10/2022)</b>	
<b>Auditorium, Basemeer</b>	
8:00am – 8:10am	Guests to be seated (Stage Secretary, Dr Bilqis Hassan)
8:10am - 8:15am	Recitation from The Holy Quran
8:15am - 8:20am	National Anthem
8:20am - 8:30am	Welcome address by Principal NWSM
8:30am - 8:45am	Introduction to G4Alliance by Patron in Chief (Prof. Tariq Hashim Khan) to open the Conference
8:45am - 9:00am	Visit to Stalls and Posters
<b>DAY – 1(14/10/2022)</b>	
<b>SCIENTIFIC PROGRAM</b>	
<b>MEDICINE AND ALLIED</b>	
<b>Venue: Auditorium, Basemeer</b>	
<b>Timing: 9:00AM– 11:00am</b>	
<b>Panel of Experts</b>	Prof. Syed Iftikhar Ali Shah, Prof. Hashim Ud Din Azam Khan, Prof. Usman Khattak, Dr. Tariq Meher, Dr. Awais Naeem
9:00am-9:10am (3-min Q & A)	Knowledge of complications of diabetes mellitus (DM) and associated factors among patients with type 2DM visiting Public and Private Diabetic Clinics in Peshawar: A descriptive study. Sundas
9:10am-9:20am (3-min Q & A)	To Audit Management of Acute Upper Gastrointestinal Bleeding in Acute Medical Unit of Lady Reading Hospital, Peshawar. Aima Yousaf.
9:20am-9:30am (3-min Q & A)	S. Typhi Super Bug And its Antibiotic Sensitivity; A Prospective Study. Ahmad Zuhayr.
9:30am-9:40am (3-min Q & A)	Characteristics and outcome of pregnant women admitted to COVID ward of a tertiary care hospital. Khatira Wahid
9:40am-9:50am (3-min Q & A)	Anxiety prevalence and its risk factors among undergraduate students. Comparing medical with non-medical. Bilal Saeed.
9:50am-10:00am (3-min Q & A)	Quality Improvement Programme on Venous Thromboembolism Risk Stratification and prophylaxis in Patients of Medical Ward, Northwest Teaching Hospital Peshawar, Pakistan. Mahnoor Khattak
10:00am-10:10am (3-min Q & A)	Comparison of the performance of Tubex® TF, widal immunodiagnostic assay and blood culture in diagnosis of enteric fever in a private tertiary care hospital Peshawar, Pakistan. Sameed Ullah Qureshi.
10:10am-10:20am (3-min Q & A)	Spontaneous Bacterial Peritonitis Revisited in Khyber Teaching Hospital for the Causative agents. Najeeb Ullah.
10:20am-10:30am (3-min Q & A)	The diagnostic accuracy of H. Pylori culture and rapid urease test in the diagnosis of H. Pylori infection keeping histopathology as gold standard. Momena Shah.
<b>PAEDIATRICS &amp; OBS/GYNAE</b>	
<b>Venue: Auditorium, Basemeer</b>	
<b>Timing: 11:00am – 1:00pm</b>	
<b>Panel of Experts</b>	<b>PAEDIATRICS</b> (11:00am – 12:00pm) Prof. Bakhtyar Zahid, Prof. Muhammad Arif, Dr. Aqeel Khattak, Dr. Afzal Khattak, Dr. Naeem Ashraf, Dr. Inayat Ur Rehman
11:00-11:10am (3-min Q & A)	Playing SAFE At Northwest Neonatal Intensive Care. Does it Impact Clinical Care? Dawood Tahir.
11:10am-11:20am (3-min Q & A)	Frequency of Asymptomatic Hypocalcemia among Neonates of Diabetic Mother Admitted in A Tertiary Care Hospital Nursery. Sohail Akhtar.
11:20am-11:30am (3-min Q & A)	Condition At Arrival and Outcome of Neonates Arriving at Northwest General Hospital NICU Through Emergency Room: Zango Versus Other Transport Means. Saima Noreen.
11:30am-11:40am (3-min Q & A)	The Role of Intensive Phototherapy (Billy 360) In Decreasing the Need of Exchange transfusions In Northwest General Hospital. Furqan Ahmad.
11:40am-11:50am (3-min Q & A)	Response To Iron Supplementation Therapy Among Children Presenting with Breath-Holding Spells. Sadia Jehanzeb.
<b>Panel of Experts</b>	<b>OBSTETRICS/GYNAECOLOGY</b> (12:00pm – 1:00pm) Prof. Sidra Jabbar Khan, Prof. Sadaqat Jabeen, Prof. Jamila M Naib, Prof. Shamshad Begum, Dr. Qamar Un Nisa

12:00pm-12:10pm (3-min Q & A)	COVID-19 and pregnancy, responding to rapidly evolving situation. Comparative analyses of maternal and fetal complications in Covid-19 with non-pandemic. Saadia Shamsher.
12:10pm-12:20pm (3-min Q & A)	Retrospective chart review of Covid-19 positive pregnant patients presented to Northwest General Hospital and Research Centre, Peshawar during April 2020- April 2022. Khushbakht Hussam.
12:20pm-12:30pm (3-min Q & A)	Mirena (LNG - IUS) for Abnormal Uterine Bleeding, A useful tool in the Covid times. Jamila M. Naib.
12:30pm-12:40pm (3-min Q & A)	Relationship of serum prostate specific antigen with hirsutism in women having polycystic ovary syndrome belonging to the province of Khyber Pakhtunkhwa, Pakistan. Naheed Khattak.
12:40pm-12:50pm (3-min Q & A)	Covid-19 during pregnancy: A perspective of maternal & fetal outcomes Romania Bibi.

**LUNCH & PRAYER BREAK 1:00PM – 2:00PM**

**STUDENT RESEARCH**

**Venue: Auditorium, Basement**

**Timing: 2:00pm- 4:00pm**

<b>Panel of Experts</b>	Prof. Saima Abid, Dr. Mohibullah, Dr. Bilqis Hassan, Dr. Mahrukh Ikram
2:00pm-2:10pm (3-min Q & A)	Assessment of splenic function among transfusion dependent thalassemia patients. Aneela Khan.
2:10pm-2:20pm (3-min Q & A)	Frequency of self-medication among medical Student. Sara Jadoon.
2:20pm-2:30pm (3-min Q & A)	Has the era of ultrasound in the management of renal stone disease come to an end? Sheh Noor.
2:30pm-2:40pm (3-min Q & A)	Awareness and practice of informed consent among post graduate residents of surgical specialty. Zahoor Ahmad.
2:40pm-2:50pm (3-min Q & A)	Relationship between social media addiction and depression among medical students in Peshawar. Hafsa Maqsood.
2:50pm-3:00pm (3-min Q & A)	Effect of Academic stress, Educational Environment on Quality of Life and Academic Performance of Medical and Dental students ; Gauging Healthcare professionals' perspective on factors relevant to academic stress (Mix Method Study). Muhammad Hassan Wahid.
3:00pm-3:10pm (3-min Q & A)	Assessing the mental health status and sleep quality among house officers in Peshawar. Abdul Moez.
3:10pm-3:20pm (3-min Q & A)	Patient Safety Culture: Undergraduate Medical Students' Experience and intentions during Clinical Rotations. Komal Qayyum.
3:20pm-3:30pm (3-min Q & A)	Intentions of house officers in specializing from Pakistan or abroad and its' various influencing factors amongst medical graduates from Peshawar, Pakistan. Daniyal Ahmad.

**GALA DINNER**

**Chief Guest: Prof Raja Irfan Qadir**

**Venue: Northwest School of Medicine**

**7:00PM-9:30PM**

**DAY – 2 (15/10/2022)**

**SCIENTIFIC PROGRAM**

**WORKSHOPS**

	<b>Workshops</b>	<b>Venue</b>	<b>Facilitator</b>
9:00am-11:00am	Breaking Bad News	Tutorial No 3, 1 <sup>st</sup> Floor	Dr. Sylvia Ali Khan
	Powerful PPT Presentation	Principal Secretariat, Ground Floor	Dr. Bilqis Hassan
	Analysis in SPSS	Tutorial No 4, 1 <sup>st</sup> Floor	Dr. Waqar Ali
	Mendeley Reference Manager	Digital Library, 3 <sup>rd</sup> Floor	Dr. Almas Fasih Khattak
	Qualitative Research	Cyber anatomy, Ground Floor	Dr. Naheed Mahsood
	Neonatal Resuscitation	Lecture Theatre 2, 1 <sup>st</sup> floor	Prof. Bilal Sethi

**SURGERY AND ALLIED**

**Venue: Auditorium, Basement**

**Timing: 11:00AM – 1:00PM**

<b>Panel of Experts</b>	Prof. Tariq Jabbar, Prof. Aziz Ur Rehman, Prof. Mumtaz Ali, Dr. Muhammad Naeem, Dr. Nazli Gul
11:00am-11:10am (3-min Q & A)	Effect of betamethasone on early burns epithelization and prevention of hypertrophic scarring and contracture as well as early healing of the donor site. Amber Azam.
11:10am-11:20am	Outcome of hip arthroplasty patients at Northwest General Hospital & Research center.

(3-min Q & A)	Hussain Wahab.
11:20am-11:30am (3-min Q & A)	Outcome of Infected Non-union of Long Bones Treated by Single-Stage Bone Grafting and External Fixation at Northwest General Hospital, Peshawar, Pakistan. Muhammad Ibrahim.
11:30am-11:40am (3-min Q & A)	Outcomes of Endoscopic Myringoplasty – Sometimes less is more. Shahzad Saeed Ullah.
11:40am-11:50am (3-min Q & A)	Results of lumbar transpedicular fixation for spondylolisthesis, in terms of back pain relief. Sohail Amir.
11:50am-12:00pm (3-min Q & A)	Frequency of dislocation after 6 weeks spica cast application in children having developmental dysplasia of hip. Nahban Rashad.
12:00pm-12:10pm (3-min Q & A)	Posterior fossa tumor surgery complications in children in a developing country's tertiary care hospital. Heela Hareer.
12:10pm-12:20pm (3-min Q & A)	Effectiveness of combined alginate and hydrocolloid surgical dressing in the quicker healing of debrided infected diabetic foot ulcers. Muhammad Naem.
12:20pm-12:30pm (3-min Q & A)	Improving health care standards by introduction of WHO Surgical Safety Checklist. Mamoor Khan.
12:30pm-12:40pm (3-min Q & A)	Outcome of spinal deformity cases: our experience at mti/kth Peshawar. Muhammad Ayaz Khan
<b>LUNCH &amp; PRAYER BREAK</b> <b>1:00PM – 2:00PM</b>	
<b>BASIC SCIENCES</b> <b>Venue: Auditorium, Basement</b> <b>Timing: 2:00pm – 4:00pm</b>	
Panel of Experts	Prof. Naeem Khattak, Prof. Muhammad Tariq, Prof. Taufiq Mufti, Prof. Maqbool Ilahi, Dr. Naheed Mahsood
2:00pm-2:10pm (3-min Q & A)	Antibiogram of Northwest general hospital 1st July 2021 to 30 June 2022. Saman Hussain.
2:10pm-2:20pm (3-min Q & A)	Differential analysis of HPV16-human and EBV1-human protein interaction networks to identify new protein candidates in head and neck squamous cell carcinomas. Arsalan Riaz.
2:20pm-2:30pm (3-min Q & A)	Extensively drug resistant (XDR) outbreak of typhoid fever in Hayatabad, Peshawar. Naeem Khattak.
2:30pm-2:40pm (3-min Q & A)	Comparative Analysis of Hepatotoxic Potential of Simvastatin with Rosuvastatin Via Hepatotoxicity Induced in Swiss/BALB-C Mice. Sarwat Jahan.
2:40pm-2:50pm (3-min Q & A)	Hair and skin manifestations in factory workers with arsenic exposure in Hayatabad industrial estate Peshawar. Mahvish Javed.
2:50pm-3:00pm (3-min Q & A)	Development of Primary Brain Tumor cell cultures and Bio-banking. Irum Javaid.
3:00pm-3:10pm (3-min Q & A)	Comparison of Urinary Interleukin-18 as a Biomarker of Acute Kidney Injury with Routine Markers in Critical Care Units of Tertiary Care Hospitals of Peshawar. Mahum Farooq.
3:10pm-3:20pm (3-min Q & A)	Types and frequency of Hemoglobinopathies, frequency of consanguinity in the general population of Peshawar. Murad Tariq.
3:20pm-3:30pm (3-min Q & A)	Prioritizing Health System Building Blocks to Cope with Current & Future IDPs in Pakistan: A Mixed Methods Approach. Muhammad Imran Marwat.
3:30pm-3:40pm (3-min Q & A)	Prevalence of HFE gene mutation and its association with serum iron and serum ferritin levels. Sikandar Ali Khan.
<b>Closing Ceremony</b> <b>Venue: Auditorium, Basement (Timing: 3:40pm-4:30pm)</b>	
3:40pm-3:50pm Guest to be seated (Stage Secretary: Dr Susan Kakakhel)	
3:50pm-4:00pm	Conference Summary: Dr. Almas Fasih Khattak
4:00pm-4:10pm	Speech by Chief Guest, Prof. Khushnood Ali Baz
4:10pm-4:20pm	Certificate Distribution/ Prize Distribution
4:20pm-4:30pm	Vote of Thanks, Dr Waqar Ali