

## **Dedicated**

То

**Our Most Respected** 

**Prof. Dr. Zia Ullah** 20-3-1960 to 30-11-2020

Former Head of Department of Medicine, Shaikh Zayed Medical Complex, Lahore A Shaheed With A Legacy of Service to the Nation Bismillah Hir Rahman Nir Raheem. In the name of Allah, the most Beneficent and the most Merciful

> Message by the Chairman Shaikh Zayed Medical Complex & Chief Editor of Proceedings



**Prof. Mateen Izhar** (Chairman & Dean)



Prof. Saadia S. Alam (Chief Editor)

We present our Jan to March 2021 Edition with Prayers for the Good Fortune and Wellbeing of All. As the COVID 19 Pandemic rages, it is a moment to capitulate the personal, emotional and physical toll endured by humanity in general and especially frontline workers during the previous year. The sudden loss of our very own Prof. Zia Ullah to this deadly disease has left us an indelible memory.

For Proceedings 2020 was a year of achievements Alhumdolillah, with development of a new website of International standards supported by the OJS/PKP Platform for online submission <u>www.proceedings-szmc.org.pk</u>. During the year we got recognition and funding from Higher Education Commission of Pakistan (HEC). We thank them for reposing their confidence in us Awarding "Y" Category, an Honor Indeed.

We are now indexed by PMC, Google Scholar, CrossRef/DOI PASTIC and PakMedinet. Efforts are underway for International Indexation.

The Jan to March 2021 Proceedings presents research on COVID 19, health care, basic sciences, therapeutics and diagnostics. All articles submitted for publication have been judged on stringent international standards of plagiarism and blind peer reviews.

As Our Editions reflect we have achieved expanded viewership, with researchers in wide ranging medical fields from different institutions publishing their research in Proceedings.

Our vision is to create an R&D Department at SZMC in collaboration with The National Health Research Complex (NHRC) and build linkages with top journals and researchers both in the country and abroad

"We Venture Forth"

# PROCEEDINGS

# SHAIKH ZAYED MEDICAL COMPLEX

## Vol. 35 (1)

Mr. Ihsan Basit

Dr. Muhammad Shahid Soroya

PCPB/24(94) P-121/3196

JAN TO MAR 2021

**HEC & PMC RECOGNIZED** 

EDITORIAL BOARD	CONTENTS	PAGE
Patron in Chief:	Munaza Javed, Muhammad Atif Qureshi, Muhammad Naeem	
Prof. Mateen Izhar	Akhtar, Saadat Ullah, Osama Habib, Muhammad Saqib	
Chairman & Dean	Correlation of qSOFA With Severity of COVID-19 Infection	
Chief Editor:	Assessed on Admission at Tertiary Care Hospital in Lahore	1
Prof. Saadia Shahzad Alam	Khansa Saleem, Muhammad Ilyas, Saad Razzaq, Fahad Maqbool,	. –
Head, Pharmacology &		
Therapeutics	Qaiser Abbas, Aneem Abdullah, Abu Bakar Shahid	
External Associate Editor:	Improvement in Survival Outcomes of Acute Lymphoblastic	
Dr. Usman Iqbal	Leukemia Patients Treated with Berlin-Frankfurt-Munster	
Taipei Medical University, Taiwan	76/79 Protocol	7
Associate Editors:	Muhammad Saqib, Talha Mahmud, Shanawer Qaiser,	-
Prof. Ayesha Humayun	Muhammad Ramzan, Muhammad Asim	
Head, Public Health & Community	Bronchoscopic Microbial Diagnosis in Non-Responding &	
Medicine	Non-Resolving Pneumonia	12
Prof. Imran Anwar		
Head, Surgery Unit-II	Naheed Humayun Sheikh, Ayesha Humayun, Shakila Zaman	
Dr. Adnan Salim	Contraceptive and Abortion-Related Practice Among Females	
Assistant Prof. Gastroenterology	of Lower Income Group in District Lahore	16
Sub Editors:	Shanawer Qaiser, Muhammad Saqib, Talha Mahmud	
Dr. Uzma Nasim Siddiqui	Frequency of Raised Total Serum Ig E, Sputum Eosinophilia and	
Assistant Prof. Medicine	Blood Eosinophil Count in Patients with Severe Persistent Asthma	<b>a</b> 23
Dr. Shahila Jalil	Maleeha Tahir Butt, Mukarma Sajjad, Tahira Naseem	-
Associate Prof. Histopathology	Relation of Vitamin D Deficiency with Breast Cancer Staging	
Prof. Tahira Naseem	in Patients from INMOL Cancer Hospital	27
Head, Biochemistry & Chemical Pathology	Saba Saleem, Muhammad Suhail, Saba Amjad, Faiza Irshad	
Dr. Samira Haque	· · · · · · · · · · · · · · · · · · ·	
Associate Prof. Histopathology	Protective Effects of <i>Ocimum basilicum</i> Against Atrophic	
Dr. Lubna Riaz	Changes in Graafian Follicles in Cyclophosphamide Induced	22
Assistant Prof. Pediatrics	Ovarian Toxicity	33
Dr. Sadia Maqsood	Nadeem Yaqoob, Mufakhara Fatimah, Farwa Naqvi, Javeria	
Assistant Prof. Pharmacology	Sarfraz, Sidra Mushtaq, Sadia Chiragh	
Dr. Faraz Bokhari	Comparative Evaluation of <i>Aloe vera</i> and Diclofenac on Body	
Associate Prof. Physiology	Weight, Blood Pressure and Renal Function of Hypertensive Rats	39
Dr.Noora Hassan Hezam Al-Aqmer	Zoofishan Qureshi, Muhammad Ashraf Chaudhry, Seema Imdad,	-
Physiology Department	Tariq Mukhtar Farani, Ayesha Humayun	
Mrs. Saima Mohsin	Association of Maternal Hyperhomocysteinemia with	
Incharge, NHRC	Preeclampsia: A Hospital Based Case-Control study	45
Consultant Biostatician:		- 51
Dr. Akram Chaudhry	Instructions for Authors	51
Mr. Muhammad Aasim		
Library & Information Sciences:		

### EDITORIAL ADVISORY BOARD

**Basic & Pre-Clinical Sciences** Prof. Mateen Izhar Head, Pathology Division, SZMC Prof. Sibgha Zulfiqar Head, Physiology, SZMC. Prof. Muhammad Suhail Head, Anatomy, SZMC. Prof. Nasreen Ehsan Head, Forensic Medicine, SZMC Dr. Suleman Dawood (UOL) Assistant Prof. of Allied Health Sciences Dr. Nighat Yasmeen (KEMU) Assistant Prof. of Biomedical Sciences Dr. Tania Shakoori (KEMU) Assistant Prof. of Biomedical Sciences Dr. Saima Chaudhary (UHS) Assistant Prof. of Oral Pathology

#### **Medicine and Allied**

Prof Azeem Taj Head, Medicine, SZMC. Prof. Abdul Shakoor Head, Psychiatry, SZMC Prof. Talha Mahmud Head, Pulmonology, SZMC Prof. Safoora Aamir Head, Dermatology, SZMC

#### Surgery and Allied

Prof. Mamoon Rashid (Sitara-e-Eisaar) Head, Plastic Surgery, Shifa Hospital, Islamabad Prof. Ali Rafique Mirza Professor of Plastic Surgery, SZMC Prof. Muhammad Ikram Head, Gynecology, SZMC Prof. Shafqat Mukhtar Head, Gynecology, SZMC Dr. Jamshaid Rahim Associate Professor Urology, SZMC

#### **Diagnostic Division**

Prof. Nadira Mamoon Head, Pathology, Shifa Hospital, Islamabad Prof. Mona Aziz Head, Hematology, SZMC Prof. Saulat Sarfraz Head, Radiology, SZMC Dr. Amir Khan Assistant Prof. Radiology, SZMC

#### PEER REVIEW BOARD (International)

Prof. Renne Koeffel (Switzerland) Prof. Mohammad Hisham AL-Muhtaseb (Jordan) Prof. Mukhtiar Baig (KSA) Dr. Jane Banaszak Hall (USA) Dr. Dagmar Stoiber Sakaguchi (Austria) Dr. Sarwat Shaheen (USA) Dr. Zeeshan I. Shaikh (USA) Dr. Aliya Asher (UK) Dr. Tanzeel Qurat Ijaz (UK) Dr. Hafiz Sohail Anjum (Ireland) Dr. Rafay Azhar (Singapore) Dr. Mazhar Nawaz (USA) Dr. Ahmad Azam Malik (KSA) Dr. Ishtiaq Ahmed (KSA) Dr. Aamir Omair (KSA) Dr. Sabina Ahmed Mir (USA) Dr. Anita Lamichhane (Nepal) Dr. Faiza Durrani (UK) Dr. Waseem Lodhi (UK) Dr. Seerat Zahra Hammad (KSA) Dr. Shafya Shahid (U.S) Dr. Madeeha Afzal (U.K) Dr. Abdul Waheed (U.K) Dr. Humaira Zareen (KSA) Dr. Amira Okud (KSA) PEER REVIEW BOARD (National) Prof. M. Ashraf (Tamgha-e-Imtiaz) Prof. Arshad Kamal Butt Prof. M. Nauman Ahmad Prof. Ziaullah Prof. Moeed Iqbal Qureshi Prof. Naseem Saud Prof. M. Ovais Omer Prof. Shabbir Bhatti Prof. Zahid Niaz Prof. Zamir Ahmad Prof. Muhammad Arif Nadeem Prof. Muhammad Moin Prof. Khalid Mahmood Prof. Zujaja Zaheer Prof. Muhammad Aslam Prof Abdul Mannan Prof. Naheed Humavun Prof. Farhat Naz Prof. Abdul Hameed Prof. Rafeea Tafweez Prof. Inayat Thaver Prof. Ashraf Chaudhry Prof. Kashif Malik Prof. Aftab Turabi Dr. Maryam Rashid Dr. Farooq Afzal Dr. Saman Shahid Dr. Sarah Ghafoor Dr. Muhammad Shahzad Dr. Ali Hussainy Zaidi Dr. Shahzad Khuram Akram Dr. Uzma Malik Dr. Ayesha Mallick Dr. Tehseen Haider Kazmi Dr. Khalida Ajmal Dr. Israr Ahmed Dr. Saima Batool Dr. Saleem Muhammad Rana Dr. Muhammad Khurram Habib Dr. Paras Khan Dr. Saba Riaz Dr. Raazia Tasadduq Dr. Nageen Hussain Dr. Saadia Jan Dr. Soumble Zulfigar

Dr. Rabeia Bilal