



JOURNAL OF MEDICAL SCIENCES

Patron

Professor Dr. Mahmud Aurangzeb
Dean, Khyber Medical College, Peshawar

Chief Editor

Dr. Farooq Ahmed
Director Medical Education
Khyber Medical College, Peshawar

Managing Editor

Associate Professor Dr. Mohsin Shafi, Khyber Medical College, Peshawar

Executive Editor

Associate Professor Dr. Iqbal Haider, Khyber Teaching Hospital, Peshawar

Editors

Dr. Sabahat Amir, Dr. Irum Sabir Ali, Dr. Fazleena Shaid, Dr. Fauzia Afridi, Dr. Awais Naeem

National Members

Prof. Dr. Mohammad Humayun, Retired Professor of Medicine, Khyber Medical College, Peshawar
Prof. Dr. Mushtaq Ahmad, Prof of Surgery, Khyber Medical College, Peshawar
Prof. Dr. Mudassir Ahmed Khan, Prof of Biochemistry, Kabir Medical College, Peshawar
Prof. Dr. Bushra Iftikhar, Prof of Community Medicine, Khyber Medical College, Peshawar
Prof. Dr. Bashir Ahmed, Prof of Psychiatry, Khyber Teaching Hospital, Peshawar
Prof. Dr. Akhtar Sherin, Prof of Medicine, KMU Institute of Medical Sciences, Kohat
Assoc. Prof. Dr. Zafar Iqbal, Pulmonology Department, Lady Reading Hospital Peshawar

International Members

Dr. Faisal Mukhtar, (University of Florida College of Medicine, Gainesville, Florida, USA)
Dr. Muhammad Fuad Bangash, (Desert Regional Medical Center, Palm Springs, CA, USA)
Dr Inayat Ali Shah, (Fraser Health Authority, British Columbia, Canada)
Dr. Ihsan Mahmood, (Forth Valley Royal Hospital, UK)
Dr Shazia Ghufuran, (Consultant Paediatrician, British Columbia, Canada)
Dr. Arshad Hussain, (Altnagelvin Hospital Londonderry, Ireland)

Biostatistician: Syed Muhammad Hamid

JMS Coordinator: Manzar Hussain Shah

Printed at:

Khyber Prints

E-mail: khyberprints@gmail.com



Journal of Medical Sciences (Peshawar, Print/Online) is a peer reviewed open access journal that publishes biomedical public health and educational research on quarterly basis.

Editorial correspondence should be addressed to:

Associate Prof. Dr. Mohsin Shafi

Managing Editor JMS

Peshawar - Pakistan

E-mail: contact@jmedsci.com

The Editorial Board makes every effort to ensure the accuracy and authenticity of material printed in the journal. However, conclusion and statements expressed are views of the authors and do not necessarily reflect the opinions of the Editorial Board or the Khyber Medical College. Publishing of advertising material does not imply an endorsement by the Khyber Medical College.

CONTENTS

EDITORIAL

- Paper Mills, Cobra Effect, Citation Cartels, Fishing Expeditions, Parasites, Zombie Science, And Academic Tourism - Metaphors That Describe Research Misconduct _____ 119
Farooq Ahmed, Lubna Kashif

Original Articles

- 1- Feto-Maternal Outcomes In Induced Versus Spontaneous Onset Of Labor _____ 121
Zubaida Akhtar, Javeria Khan, Maimoona Qadir, Arzoo Gul Bangash
- 2- Frequency Of Atrial Fibrillation In Patients Admitted With Covid-19 Infection In A Tertiary Care Hospital _____ 126
Muhammad Adnan Sharif, Muhammad Faheem, Farooq Ahmad, Amber Ashraf, Syed Sadiq Shah
- 3- Health Problems Among Geriatric Population Of Khyber Pakhtunkhwa, Pakistan- A Descriptive Study _____ 131
Mohammad Khalid Khan, Muhammad Ishtiaq, Muhammad Jibran Khan, Mohammad Munib, Naeem Ullah, Adeela Mustafa, Jaweria Ahmad Khattak
- 4- The Hidden Wildfire In The Workplace- Investigating Burnout Among Resident Physicians In Peshawar, Pakistan _____ 136
Saleel Ahmed, Bibi Aliya, Muhammad Mustafa Khan, Afifa Qazi, Noor Us Sahar, Sidra Tul Muntaha Khattak
- 5- Outcomes Of Endoscopic Myringoplasty In Terms Of Graft Take-Up And Hearing Improvement _____ 142
Ihtisham Ul Haq, Israr Ud Din, Mohammad Omar, Nazneen Liaqat, Shakir Ullah
- 6- Is The Pen Mightier Than The Keyboard? Student Engagement, Learning, And Satisfaction In Online Teaching _____ 147
Mahrugh Shah, Aslam Qamar, Aman Eltahmash Israr, Zeerak Hamad, Sherbano Naseem, Huda Rashid
- 7- Efficacy Of Formalin Fixation In Detecting GFAP And MAP2 In The Spinal Cord Via Immunofluorescence And Immunohistochemistry _ 153
Noman Ullah Wazir, Mushtaq Ahmad, Ambereen Humayun, Khalid Shehzad, Muhammad Saleh Faisal, Naseer Ahmed
- 8- Co-Occurring Congenital Heart Defects In Trisomy-21/Down Syndrome: A Cross-Sectional Study In A Tertiary Care Hospital, Pakistan _____ 158
Qazi Muhammad Maaz, Farhat Ullah Jan, Mashal Khan, Salman Mustaan Khan, Ayesha, Savaira Elahi, Kainat
- 9- Lilly's Technique As A Primary Procedure For Complicated Type 1 Choledochal CYST _____ 164
Muhammad Arshad, Muhammad Imran, Muhammad Ishfaq, Asad Jamil, Umaimah Khuroosh, Rustam Khan
- 10- **CASE REPORT**
- 11- Sarcoidosis As Chest Pain: An Atypical Clinical Presentation _____ 168
Ujala Hussain, Khalid Saifullah Baig, Zunnoor Ahmed Marwat

Journal of Medical Sciences is published on controlled circulation basis and distributed among the faculty of all national medical colleges, main libraries throughout the province, Pakistan Medical Research Council, PMDC, HEC and Tertiary Referral Centers.

The publisher and the members of the Editorial Board can not be held responsible for errors or for any consequences arising from the use of information contained in this journal.

Journal of Medical Sciences is published quarterly, composed and printed at Khyber Printers, Peshawar KP, Pakistan.

Annual Subscription

Pakistan: Rs. 5000/-

Overseas: US \$ 500/-

Printed at:

Khyber Prints

E-mail: khyberprints@gmail.com

12-	Author's Agreement _____	171
13-	Editorial Policy _____	172