

PAKISTAN JOURNAL OF MEDICAL SCIENCES

Bi-Monthly

www.pjms.com.pk

Chief Editor
SHAUKAT ALI JAWAID

Associate Editor
SHABIH H. ZAIDI
MASOOD JAWAID

Assistant Editor
ANWAR SIDDIQUI

Publication Editor
MUBARAK ALI

Bibliographer: Nighat Bakhtiar

EDITORIAL BOARD

Ata Mahmoodpoor, *Iran*
A. Samad, *Karachi*
Abdul Haque, *Faisalabad*
Ambreen Usmani, *Karachi*
Anjum Jalal, *Faisalabad*
Bader Faiyaz Zuberi, *Karachi*
Ejaz Ahmed Vohra, *Karachi*
Faisal N. Hussain, *Lahore*
Faraz Shafiq, *Karachi*
Fazal Ghani, *Peshawar*
H. R. Ahmad, *Karachi*
Iftikhar Ahmad Jan, *UAE*
Imtiaz Khalid, *Karachi*
Jose Florencio F. Lapena, JR, *Philippines*
Jahanara Ainuddin, *Karachi*
Mahfooz ur Rehman, *Lahore*

Md. Abdus Salam, *Saudi Arabia*
Mohammad Perwaiz Iqbal, *Karachi*
Mohammad Akbar Chaudhry, *Lahore*
Musarrat Riaz, *Karachi*
Nasir Khokhar, *Islamabad*
Nazli Hossain, *Karachi*
Noshin Wasim Yusuf, *Lahore*
Rasheed Jooma, *Karachi*
Roya Kelishadi, *Iran*
Sajid Malik, *Islamabad*
Sameen Afzal Junejo, *Hyderabad*
Stephen Onwere, *Nigeria*
Shaikh Qamaruddin Nizami, *Karachi*
Waris Qidwai, *Karachi*
Younis Abdelwahab Skaik, *Germany*

INTERNATIONAL ADVISORS

Ahmad Badar, *Saudi Arabia*
Bobby Joseph, *India*
Farrokh Habibzadeh, *Iran*
M. Afzal Javed, *UK*
Mohammad Bagher Rokni, *Iran*

M.N. Amin, *Bangladesh*
M. Waqar Azeem, *Qatar*
Mukhtiar Baig, *Saudi Arabia*
Myeong Ok Kim, *South Korea*

www.pjms.com.pk

Indexed by Science Citation Index Expanded (SCIE) by Thompson Reuter (ISI) USA

Recognized by Higher Education Commission, Government of Pakistan

Covered by important databases like Web of Science, EMBASE/Excerpta Medica Netherlands, WHO IMEMR Current Contents, ISC Iran, Pakistan Science Abstracts, Index Copernicus Poland, SCOPUS, INIS Database, CAB Abstract and Global Health UK, Registered with ISDS France, approved by CPSP, PM&DC. It is also covered by Pakmedinet, Open-J gate India, DOAJ.

PAKISTAN JOURNAL OF MEDICAL SCIENCES (Pak J Med Sci) is a peer reviewed journal. It is published Bi-Monthly and we practice open peer review system. Peer review of a manuscript takes from three to four months though efforts are being made to reduce this period. It has controlled circulation.

Mission: To keep healthcare professionals abreast with latest developments in medical sciences by publishing good quality peer reviewed manuscripts, to improve clinical practice, patient care and to make Pakistan Journal of Medical Sciences one of the leading peer-reviewed biomedical journal from Asia Pacific Region.

Objective: The journal aims at promoting the art and science of medicine to improve healthcare besides being a useful source of CME for healthcare professionals offering healthy, balanced and constructive debates on controversial issues that effect medicine, keeping up the professional ethics in medical journalism.

We accept original research, review articles, guest editorials, case reports, short communications, drug trials, letters, book reviews, case studies, clinical notes, CME, issues for debate and obituaries.

Processing Charges: All manuscripts from Pakistan should be accompanied with a Bank Draft for Rs.2,250/- (Non-refundable) in the name of Pakistan Journal of Medical Sciences. (In case of cash Rs. 2,000/- only) for fast track review [First decision after peer review in ten weeks] Rs.20,000/- (Non-refundable). Fast track review for Overseas: US\$ 200/-. Authors who wish to opt for fast track processing must first enquire if it is possible.

Plagiarism: Manuscripts are screened for plagiarism using iThenticate Software and those found guilty or involved in publication misconduct are liable to be black listed. We are member & follow COPE Guidelines. Minimum publication charges for manuscripts is Rs. 15,000/- (in case of overseas US\$ 275/-), Case Report / Brief Communications Rs. 10,000/- (in case of overseas US\$ 175/-) and Review Article Rs. 20,000/- (in case of overseas US\$ 400/-) upto 4 printed pages in the journal & Rs. 1,000/- extra will be payable for each additional page. Overseas US\$ 50/- for each additional page. Charges for photograph, films and illustrations are additional. Publication charges are payable in advance once the manuscript has been accepted for publication by the Editorial Board after peer review. Those who cannot afford to pay the publication charges can request for financial assistance (up to 50%) at the time of submission and the management will try to help. Correspondence author will be sent one printed copy. Additional reprints can be obtained from online edition which contains all the published manuscripts in PDF format. Authors and co-authors can order additional copies at a concessional price of Rs. 500/- per copy (Overseas US \$ 50/-) and add this cost at the time of making payment for publication charges. **(For detailed instructions for authors visit our website pjms.com.pk)**

Note: Periodicity of Pakistan Journal of Medical Sciences has been changed from Quartely to Bi-Monthly with effect from April 1st, 2013 after getting permission from Govt. of Sindh Letter No. CK/HMS/Press/-97/13 dated March 25th, 2013.

Ombudsman: Dr. Behrooz Astaneh, Shiraz, Iran. E-mail: astanehb@yahoo.com

Payment should be made either through Pay Order, Bank Draft or Money Order

Business & Editorial Offices: PROFESSIONAL MEDICAL PUBLICATIONS, Room No. 522, 5th Floor, Panorama Centre, Bldg. No. 2, Raja Ghazanfar Ali Road, P.O. Box 8766, Saddar, Karachi, Pakistan.
Phone: 92-21-35688791, 92-21-35689285, 92-21-35689860. E-mail: pjms@pjms.com.pk

Online edition ISSN 1681-715X

Abbreviated key title: Pak J Med Sci

Website: www.pjms.com.pk

PRICE PER COPY RS. 800/-

Annual Subscription

Pakistan Rs. 4000/-, India, Bangladesh & SAARC Countries US\$ 150/-

UK £ 120/- USA & other countries US\$ 200/-

Note: Please send all remittances through Pay Order, Bank Draft or Money Order in the name of

PAKISTAN JOURNAL OF MEDICAL SCIENCES", Karachi.

Desk Top Publishing: Zahid Hussain Publication Secretary: Nauman Ahmad

Published by Shaukat Ali Jawaid for Professional Medical Publications and printed at Punjab Printing Press Karachi, Pakistan

Whilst every effort is made by the publishers and the Editorial Advisory Board of the Journal to see that no inaccurate or misleading data, opinion or statement appears in this Journal, they wish to make it clear that the data and opinions appearing in the articles and advertisements herein are the responsibility of the contributor or advertiser concerned. Accordingly, the publishers and the editorial committee and their respective employees, officers and agents accept no liability whatsoever for the consequences of any such inaccurate or misleading data, opinion or statement – *Chief Editor*