

Pakistan Physiological Society

Pakistan Journal of Physiology

Pak J Physiol 2017;13(2) pISSN 1819-270X, eISSN 2073-1183, IP/0034 Volume 13, Number 2 (Apr–Jun 2017)



Chief Editor

Muhammad Aslam

Editors

Muhammad Ayub
Muhammad Alamgir Khan

Associate Editor

Umar Ali Khan
Samina Malik

Assistant Editor

Madiha Imran
Shemaila Saleem

Editorial Office

Department of Physiology,
Ayub Medical College,
Abbottabad-22040,
Pakistan.

Tel: +92-992-382571

Email: pjp@pps.org.pk

Pakistan Journal of Physiology, (Pak J Physiol, PJP) publishes original research papers in all areas of human and animal Physiology. It is recognised by Pakistan Medical & Dental Council as 'Standard Medical Journal', and HEC in category X. It is indexed by EMRO Index Medicus, Index Copernicus, Pakmedinet, and Index Pakistan. All articles published, including editorial, letters, and book reviews represent the opinion of the authors and do not reflect the official policy of PJP, Pakistan Physiological Society, or the Institution with which the author is affiliated unless it is specified. All submissions are electronic to reduce manuscript delays. For details, authors should consult the instructions to authors at the end of every issue.

Pakistan Journal of Physiology is not funded by any governmental agency and is self-supported by the authors.

© Copyrights reserved. It is free for research and academic purposes only. No part of this publication may be reproduced in any shape, published, or stored in a retrieval media without permission of the Editors.

CONTENTS

EDITORIAL

- Research and education are interrelated and interdependent** 1
Tehseen Iqbal

ORIGINAL ARTICLES

- Relationship of serum resistin and lipid profile in type 2 diabetics** 3
Abida Akhtar, Muniza Saeed, Qammar Shakoor
- Effectiveness of stretching exercises in symptomatic and asymptomatic phase in primary dysmenorrhoea** 6
Raheela Kanwal, Tahir Masood, Waqar Ahmed Awan, Mirza Shamim Baig, Muhammad Naveed Babur
- Cardiovascular disease risk in pre- and postmenopausal women** 11
Bindu Garg, Garikapati Kranthi Kumar, Harsha Vardhan, Nirmal Yadav
- Comparison between injection sclerotherapy and rubber band ligation for first and second degree haemorrhoids** 15
Sarmud Latif Awan, Muhammad Arshad Abbasi, Mohsin Shakil, Muhammad Ayub
- Comparison of Ki-67/MIB-1 labelling index and histopathological grading of astrocytoma** 19
Abdul Rehman Qaisrani, Rozina Jaffar, Naseem Jahan, Tehseen Iqbal
- Causes of low haemoglobin level in patients with acute myocardial infarction** 22
Shah Zeb, Said Zaman, Junaid Zeb, Mohammad Waqas, Mohammad Adil, Rifaq Zeb
- Liver function tests in second and third trimester primigravida in normal pregnancy and preeclampsia** 25
Alruba Taimoor, Aamir Nazir, Nuzhat Raza, Sadaf Anwar Qureshi, Muhammad Ayub, Tanvir Ali Khan Shirwany
- Hospital infection control in Cambodia** 29
Florian H Pilszczek
- Outcome in patients undergoing endoscopic lumbar discectomy for prolapsed para spinal intervertebral disc** 34
Syed Shahzad Husain, Usman Ahmed Kamboh, Asif Raza, Muhammad Adil, Naveed Ashraf
- Hepatic encephalopathy in chronic liver disease produced by chronic viral hepatitis** 38
Aamir Nazir, Alruba Taimoor, Bibi Munazza, Sadaf Anwar Qureshi
- Effect of eradication of *Helicobacter pylori* infection on the platelet counts in patients presenting with idiopathic thrombocytopenic purpura** 41
Lubna Humayun, Muhammad Aafaak Agha, Asma Rasheed, M. Javed Asif, Mulazim Hussain Bukhari
- Maximal exercise testing –as it elicits a varied cardiovascular response in perimenopausal women during proliferative phase of menstrual cycle** 44
Ganashree CP, Aparna M, Devaraj MG
- Students' perception about frequent examinations** 46
Rabia Siddiqui, Nighat Mannan, Fatima Mannan
- Hyperparathyroidism in patients with chronic kidney disease** 49
Humaira Ali, Jawed Altaf Baig, Junaid Mahmood Alam
- Insinuation of prophetic variables and their role in development of autoimmune thyroid dysfunction in HCV patients receiving interferon therapy** 52
Mahwish Arooj, Arif Malik, Mahmood Hussain Qazi
- Impact of introduction to research on medical students' learning ability** 56
Ghazanfar Shafique Butt, Muhammad Tariq, Mohsin Shakil, Muhammad Ayub
- SHORT COMMUNICATION**
- Teaching strategies: How can a modular integrated system become a real success in medical schools?** 59
Muhammad Abdul Azeem
- Guidelines for Authors** 60