IJMS

INTERNATIONAL JOURNAL of MEDICAL STUDENTS

Year 2015 | Months Nov-Mar | Volume 3 | Issue 1 www.ijms.info



Effective Physician-Patient Com-Patient-Centered Care.

- Essential Heavy Metals in Renal Tu-mor Tissue and Its Possible Relation to Carcinogenesis: Applying the Scan-ning Electron Microscopy Coupled with X-Ray Microanalysis Technique.

- Exposure and Knowledge of Sharps Injuries among Medical Students in Seven States of Mexico.
- Health Literacy Levels among Outpatients at a Tertiary Hospital in Delhi, India.
- at a lertrary Hospital in Delhi, India.

 Antimicrobial Sensitivity Pattern of Microorganisms Isolated from Vaginal Infections at a Tertiary Hospital in Bangalore, India.

 A Pilot Study of the Effect of a Change in the Scheduling of Canadian Medical Licensing Examinations on Two Cohorts of Students Studying in Ireland.

Case Reports

- Hepatorenal Syndrome in the Emer gency Department: A Case Report.
- ting with Septic Arthritis and Diffusor Pulmonary Consolidation in an Otherwi

Experiences

- ding Value and Emotional Support to Patient Interactions.
- The Meaning of "Do No Harm": A Medical Student Perspective.

- Challenges Faced by International

- Reply to Letter to the Editor, "Res-ponse to Medical Students' Attitu-



International Journal of Medical Students

The International Journal of Medical Students (IJMS) is a peer-reviewed open-access journal, created to share the scientific production and experiences of medical students worldwide.



Shattered Dianity

"Breaking the Shackles: Anto's Journey" Collection By Anto Sg (Agus Sugianto) (with authorization). Pasung Survivor, Tulungagung, East Java, Indonesia.

Email: gusagus2010@gmail.com

INTERNATIONAL JOURNAL OF MEDICAL STUDENTS YEAR 2015 - VOLUME 3 - ISSUE 1

EDITORIAL STAFF

Editor in Chief

Francisco Javier Bonilla-Escobar, MD, MSc. University of Valle, Cali, Colombia

Deputy Editor

Huy Ming Lim, BMedSc. Universitas Indonesia, Jakarta, Indonesia

Scientific Editor

Matthew Benson, BMSc, MD(c). University of Alberta, Edmonton, Canada

Associate Editors

Hulegar Ashok Abhishek, MBBS. Imperial College London, London, UK

Rahul Kashyap, MBBS. Mayo Clinic, Rochester, MN, USA Sahil Koppikar, BSc, MD

Queen's University, Internal Medicine, Kingston, Canada

Student Editors

Andres Zorrilla Vaca University of Valle, Cali, Colombia

Asad Choudhry

University of Health Sciences-Services Institute of Medical Sciences, Lahore, Pakistan

Can Bayrak Erciyes University, Kayseri, Turkey

Claudia Carbajal University of San Martín de Porres, Lima, Peru

Gonçalo Boleto

University of Lisbon, Lisbon, Portugal

Guido Bendezú-Quispe National University of San Luis Gonzaga, Ica, Perú

Ikhwanuliman Putera

Universitas Indonesia, Jakarta, Indonesia

Ismail El-Kharbotly University Kasr Al-Ainy

lasmine Grenier

University of Toronto, Ontario, Canada

Jatinder Narang

St. George's University School of Medicine, St. George's, Grenada

Jimmy Tam Huy Pham Midwestern University, Glendale, AZ, USA

Keith Sacco University of Malta, Malta

Nikos Korakas Medical School of Aristotle University of Thessaloniki, Greece

Olamide Oyende

Olabisi Onabanjo University, Sagamu, Ogun State, Nigeria

Omar Abo Shady Menouf ia Facult y of Medicine, Egypt

Pishoy Gouda National University of Ireland Galway, Galway, Ireland

Rodolfo Morales

Autonomous University of Nuevo León, Monterrey, Mexico

Stuart Mires

St John's College - Oxford University, Oxford, UK

Pedro López Avala

Pietro Ferrara

North America

Madhur Rathi

Tonmoy Biswas Dhaka University, Faridpur Medical College, Dhaka, Bangladesh

Members

Juliana Bonilla-Velez, MD. University of Arkansas for Medical Sciences, Little Rock, AR, USA.

Mentors

Abdel Kareem Azab, PhD.

Washington University in St Louis, St Louis, MO, USA

EDITORIAL BOARD

Juan Carlos Puyana, MD, FRCSC, FACS, FACCP. University of Pittsburgh, Pittsburgh, PA, USA

Adrian Baranchuk, MD, FACC, FRCPC. Queen's University, Kingston, ON, Canada

Jorge Enrique Gomez-Marin, MD, MSc, PhD. University of Quindío, Armenia, Colombia

Complutense University of Madrid, Madrid, Spain

University of Medicine and Health Sciences, Canada

SUNY Upstate Medical University, New York, United States

Omar Yousef Sulaiman Mousa, MD

Second University of Naples, Caserta, Italy

SUPPORT COMMITTEE OF PUBLIC RELATIONS AND COMMUNICATIONS

Director

Ana Alcaraz

Complutense University of Madrid, Madrid, Spain

Ambassadors

Lana Ziad Jamil Al-Sabe' University of Jordan, Amman, Jordan

Noof Rashid

Dubai Medical College for Girls, Dubai, United Arab Emirates

Sana Gulraiz

Services Institute of Medical Sciences, Lahore, Pakistan

Sandeep Singh, MBBS

Gajra Raja Medical College, Madhya Pradesh, India

Sazzad Shahriar Siam

University of Dhaka, Dhaka, Bangladesh

Vikas Dhiman, MBBS

National Institute of Mental Health and Neurosciences, Bangalore, India

Yazan Mousa

Jordan University of Science and Technology, Irbid, Jordan

Africa

Ahmad Hesham Fadl Cairo University, Giza, Egypt

ANCILLARY POSITIONS

Design Editor

Juan José Valderrama Muñoz. University of Valle, Cali, Colombia

Website Manager

Andres Zorrilla-Vaca. University of Valle, Cali, Colombia Ahmed Adel Sharf Al-Din Menoufia University, Menofia, Egypt

Ala'addin Salih

University of Khartoum, Khartoum, Sudan

Ghaleb Muhammad Mehyar

Misr University for Science and Technology, Giza, Egypt

Kahled Youssef

Mansoura University, Dakahlia, Egypt

Muneer Al-Husseini

Ain Shams University, Cairo, Egypt

Victor Mike-Akinlusi

University of Ibadan, Ibadan, Nigeria

Israel Oluwaseyidayo Idris

V. N. Karazin Kharkiv National University, Kharkiv, Ukraine

Imperial College London, London, United Kingdom

Maria Grazia Grech University of Malta, Msida, Malta

María José Morales Olmos

Miguel Hernández University, Alicante, Spain

Paul Mihai Boarescu Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania

South America

Wilson Kwong

Juan Felipe Salazar Espinosa University of Caldas, Caldas, Colombia

Queen's University, Ontario, Canada

Lidiz Yaneth Mora Márquez

University of the Andes, Mérida, Venezuela

Manuel Sebastián Páez-Alvarez

Pedagogical and Technological University of Colombia, Tunja,

Colombia

María Salomé Scrocchi Viña

University of the Andes, Mérida, Venezuela

PARTNERS

AIMS Meeting Annual International Medical Students Meeting, Portugal **ASCEMCOL**

Colombian Association of Medical Student Scientific Societies, Colombia CNFM

National Medical Students' Conference, Spain

CNPEM National Medical Student Paediatric Conference, Spain

COMAPI

Academic Medical Congress of Piaui, Brazil

IMSRC International Medical Students' Research Congress, Turkey **ISMCK**

International Student Medical Congress in Košice, Slovak Republic ISPC

International Student Psychiatry Conference in Katowice, Poland

Medicalis International Congress for Medical Students and Young Health Professionals, Romania

WIMC

Warsaw International Medical Congress, Poland

YES Meeting

Young European Scientist Meeting, Portugal



The International Journal of Medical Students (IJMS) is a peer-reviewed, open-access journal created to share the scientific production and experiences of medical students worldwide. Our objective is to be the primary diffusion platform for medical students, using standards that follow the process of scientific publication.

The Journal recieves contributions of previously unpublished Original Articles, Short Communications, Reviews, Case Reports, Interviews, Experiences and Letters, which are reviewed by experts (Peer-Reviewers) who have previously published similar research. This supports the quality and validity of the manuscripts. The review time delay in most cases has been two to four months depending on the diligence of peer-reviewers and authors.

The Journal, Editorial Staff and the Editorial Board are not responsible for the opinions expressed by the Authors of all published material, nor do these represent the official policy or medical opinion of the Journal or the institutions with which they are affiliated, unless otherwise stated.

The International Journal of Medical Students is published triannually on behalf of the Executive Committee of the International Journal of Medical Students. Any publication, dissemination or distribution of the information included in the Journal is permitted only if the source is cited (Int J Med Students).

The International Journal of Medical Students is indexed or abstracted in: Biblioteca Virtual del Sistema Sanitario Público de Andalucía (BV-SSPA), Bielefeld Academic Search Engine (BASE), China National Knowledge Infrastructure (CNKI), CiteFactor, Copac, Dialnet, Directory of Open Access Journals (DOAJ), Directory of Research Journals Indexing (DRJI), Enhancing the QUAlity and Transparency Of health Research (EQUATOR) Network, Genamics JournalSeek, Geneva Foundation for Medical Education and Research (GFMER), Google Scholar, Health InterNetwork Access to Research Initiative (HINARI), Healthcare Information for All (HIFA) Network, Index Copernicus (ICV 2012: 5.62), InfoBase Index (IBI Factor 2014: 40.16), International Impact Factor Services (IIFS 2014: 1.212), J-Gate, Jour Informatics (Jour Info), JournalGuide, Journals Following the International Committee of Medical Journal Editors (ICMJE) Recommendations, JournalSeek, JournalTOCs, Mexican Index of Latin American Biomedical Journals (IMBIOMED), NewJour, Online Computer Library Center (OCLC) WorldCat, Open Academic Journals Index (OAJI), Open Science Directory, Paperity, Research Bible, Scientific Indexing Services (SIS), Scientific Journal Impact Factor (SJIF 2012: 3.034), SHERPA/ROMEO, STrengthening the Reporting of Observational studies in Epidemiology (STROBE Statement), The Open Access Digital Library, trueserials.com, Ulrich's International Periodical Directory, ZDB Database.

All full-text articles are available at: www.ijms.info e-ISSN 2076-6327 (Online)



The International Journal of Medical Students is licensed under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 Unported License. Issued in Rochester, MN, USA.

International Journal of Medical Students

Year 2015 • Months Nov-Mar • Volume 3 • Issue 1
Int J Med Students. 2014 Nov-2015 Mar;3(1)

Table of Contents

	Page
Editorial	
Shared Decision Making and Effective Physician-Patient Communication: The Quintessence of Patient-Centered Care Huy Ming Lim, Kristiana Siste Kurniasanti.	7
Original Articles	
Essential Heavy Metals in Renal Tumor Tissue and Its Possible Relation to Carcinogenesis: Applying the Scanning Electron Microscopy Coupled with X-Ray Microanalysis Technique Tânia Nogueira, Mariana Semedo, Elisabete Cunha.	10
Lifesaving Sonography Protocols: A Pilot Course Involving Undergraduate Medical Students Jakub Wisniewski, Hanna Garnier.	15
Frequency of Congenital Anomalies in Newborns and Its Relation to Maternal Health in a Tertiary Care Hospital in Peshawar, Pakistan Adnan Khan, Muhammad Zuhaid, Maria Fayaz, Faryal Ali, Arsalan Khan, Raza Ullah, Javariya Zafar, Hakeem Ullah, Saiqa Baloch, Sanam Gandapur.	19
Exposure and Knowledge of Sharps Injuries among Medical Students in Seven States of Mexico Adrián Camacho-Ortiz, Xiomara Díaz-Rodríguez, Raúl Hernández-García, Mayra Martínez-Palomares, Susana Chávez-Moreno, Elvira Garza-González, Rafael Valdez-Vázquez, Irlanda Díaz-Pino.	24
Health Literacy Levels among Outpatients at a Tertiary Hospital in Delhi, India Monika Sahoo, Charu Kohli, Jugal Kishore.	29
Antimicrobial Sensitivity Pattern of Microorganisms Isolated from Vaginal Infections at a Tertiary Hospital in Bangalore, India Nagalakshmi Narayana Swamy, Padmasri Ramalingappa, Urvashi Bhatara.	34
A Pilot Study of the Effect of a Change in the Scheduling of Canadian Medical Licensing Examinations on Two Cohorts of Students Studying in Ireland Kate Niethammer, Pishoy Gouda, Edina Moylett.	40
Review	
Mitochondria as a Target for Future Diabetes Treatments Franziska Thimm, Marten Szibor.	45
Case Reports	
Hepatorenal Syndrome in the Emergency Department: A Case Report Win Jim Tan, Mohan Tiruchittampalam.	51
Advanced Small Cell Lung Cancer with Cerebellar Metastases – A Case Report Zhi Xiong Chong, Nazmi M. Noori.	55

International Journal of Medical Students

Year 2015 • Months Nov-Mar • Volume 3 • Issue 1
Int J Med Students. 2014 Nov-2015 Mar;3(1)

Acute Disseminated Melioidosis Presenting with Septic Arthritis and Diffuse Pulmonary Consolidation in an Otherwise Healthy Adult: A Case Report Hai Sherng Lee, Abdul Azeez Ahamed Riyaaz, Seng Hong Yeoh.	59
Experiences	
A Medical Student Experience: Adding Value and Emotional Support to Patient Interactions Dale S. DiSalvo.	63
The Meaning of "Do No Harm": A Medical Student Perspective Dale S DiSalvo.	65
Interview	
Interviewing Dr Felipe Fregni: A Pathway to a Research Career Juliana Bonilla Velez, Whitney Stefanny Cordoba Grueso	67
Correspondences	
Challenges Faced by International Medical Students Due to Changes in Canadian Entrance Exam Policy Pishoy Gouda, Samuel Fanous, John Gouda.	70
Grains of Sand and an Artist's Hands Angela Peterman Mihalic.	72
Response to Medical Students' Attitudes towards Female Sex Workers Hanna Garnier, Jakub Wisniewski.	73
Reply to Letter to the Editor, "Response to Medical Students' Attitudes towards Female Sex Workers" Jenna Toki Nakagawa, Muge Akpinar-Elci.	74