

ISSN: 2164-2788 Volume 9, Number 4, December 2019



# Open Journal of Medical Imaging



ISSN: 2164-2788



<https://www.scirp.org/journal/ojmi>

# Journal Editorial Board

ISSN Print: 2164-2788    ISSN Online: 2164-2796

<https://www.scirp.org/journal/ojmi>

---

## Editor-in-Chief

**Prof. Michael L. Goris**

Stanford University, USA

## Editorial Board

**Prof. Ahmed Abdel Khalek Abdel Razek**

Mansoura University, Egypt

**Prof. Gjumrakch Aliev**

University of Atlanta, USA

**Dr. Mohammad Reza Ay**

Tehran University of Medical Sciences, Iran

**Dr. Ying Bai**

Heart Flow Inc., USA

**Dr. Mukesh Dhamala**

Georgia State University, USA

**Prof. Yasunobu Hayabuchi**

University of Tokushima, Japan

**Dr. Peter Kalina**

Mayo Clinic, USA

**Dr. Chan Kyo Kim**

Sungkyunkwan University, South Korea

**Dr. Marina Leitman**

Tel Aviv University, Israel

**Dr. George K. Matsopoulos**

National Technical University of Athens, Greece

**Prof. Tinsu Pan**

University of Texas M. D. Anderson Cancer Center, USA

**Prof. Hui-Xiong Xu**

Shanghai Tenth People's Hospital of Tongji University,  
China

# Table of Contents

**Volume 9    Number 4**

**December 2019**

## **Comparison of Planer Dose Equilibrium and Computed Tomography Dose Index and Implications for Reported Patient Dose Information**

A. Albngali, J. Deslongchamps, J. Blackwell, A. Shearer, B. Tuohy, N. Colgan.....43

## **High Risk Breast Cancer Patient with Silicone Breast Implant and Q Inside Safety™ Micro Transponder**

M. T. Nelson, S. Meisamy.....52

## **Comparative Analysis of Saline Sonohysterosalpingography to Hysterosalpingography in the Diagnosis of Utero-Tubal Pathology amongst Infertile Women at the University of Port Harcourt Teaching Hospital**

E. W. Nnah, V. K. Oriji, C. E. Agi.....58

# Open Journal of Medical Imaging (OJMI)

## Journal Information

### SUBSCRIPTIONS

The *Open Journal of Medical Imaging* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### SERVICES

#### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### COPYRIGHT

#### **Copyright and reuse rights for the front matter of the journal:**

Copyright © 2019 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

#### **Copyright for individual papers of the journal:**

Copyright © 2019 by author(s) and Scientific Research Publishing Inc.

#### **Reuse rights for individual papers:**

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

#### **Disclaimer of liability**

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: [ojmi@scirp.org](mailto:ojmi@scirp.org)

# Call for Papers



# Open Journal of Medical Imaging

ISSN Print: 2164-2788    ISSN Online: 2164-2796

<https://www.scirp.org/journal/ojmi>

**Open Journal of Medical Imaging (OJMI)** is an international peer-reviewed, open access journal publishing in English original research studies, reviews and case reports in all aspects of Medical Imaging. Symposia or workshop papers may be published as supplements.

## Editor-in-Chief

Prof. Michael L. Goris

Stanford University, USA

## Editorial Board

Prof. Ahmed Abdel Khalek Abdel Razeq

Prof. Gjurmakch Aliev

Dr. Mohammad Reza Ay

Dr. Ying Bai

Dr. Mukesh Dhamala

Prof. Yasunobu Hayabuchi

Dr. Peter Kalina

Dr. Chan Kyo Kim

Dr. Marina Leitman

Dr. George K. Matsopoulos

Prof. Tinsu Pan

Prof. Hui-Xiong Xu

Mansoura University, Egypt

University of Atlanta, USA

Tehran University of Medical Sciences, Iran

Heart Flow Inc., USA

Georgia State University, USA

University of Tokushima, Japan

Mayo Clinic, USA

Sungkyunkwan University, South Korea

Tel Aviv University, Israel

National Technical University of Athens, Greece

University of Texas M. D. Anderson Cancer Center, USA

Shanghai Tenth People's Hospital of Tongji University, China

## Subject Coverage

The journal publishes original papers including but not limited to the following fields:

- Abdominal Imaging
- Biomedical Imaging
- Brain Imaging and Behavior
- Breast Thermography
- Cardiovascular Imaging
- Clinical Imaging
- Clinical Physiology and Functional Imaging
- Clinical Positron Imaging
- Computer Vision and Image Understanding
- Computerized Medical Imaging and Graphics
- Contrast Media & Molecular Imaging
- Imaging & Microscopy
- Magnetic Resonance Imaging (MRI)
- Mathematical Imaging and Vision
- Medical Image Analysis
- Medical Imaging and Radiation Oncology
- Medical Imaging and Radiation Sciences
- Molecular Imaging and Biology
- Neuroimaging
- Nuclear Medicine and Molecular Imaging
- Radiography
- Real-Time Imaging
- Tomography
- Ultrasound

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

## Website and E-Mail

<https://www.scirp.org/journal/ojmi>

Email: [ojmi@scirp.org](mailto:ojmi@scirp.org)



## ***What is SCIRP?***

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

## ***What is Open Access?***

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Website: <https://www.scirp.org>  
Subscription: [sub@scirp.org](mailto:sub@scirp.org)  
Advertisement: [service@scirp.org](mailto:service@scirp.org)