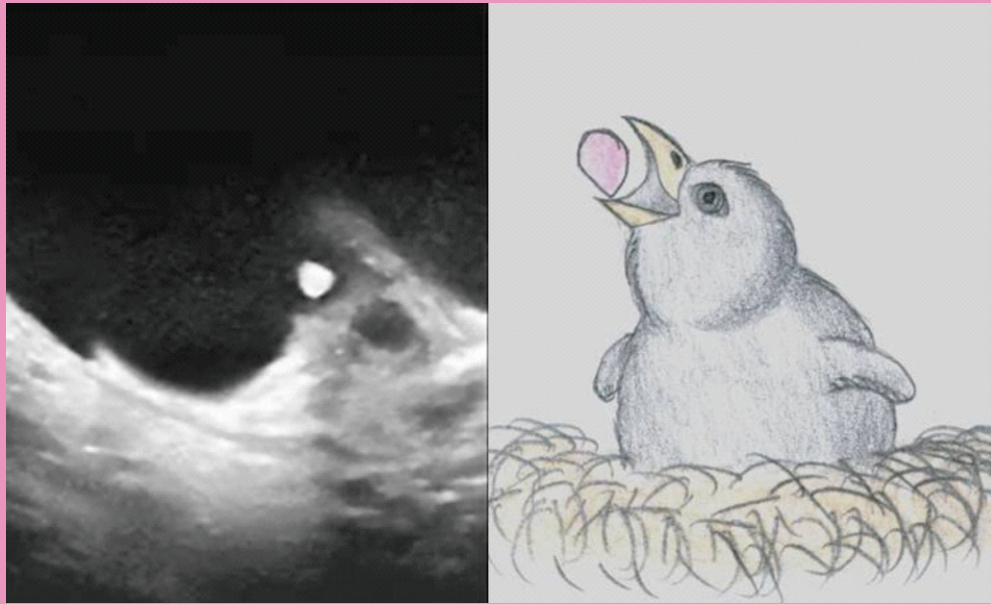


ISSN: 2164-2788 Volume 2, Number 2, June 2012



Scientific
Research

Open Journal of Medical Imaging



ISSN: 2164-2788



9 772164 278007 02

www.scirp.org/journal/ojmi

Journal Editorial Board

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

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

Editor in Chief

Prof. Habib Zaidi

Geneva University Hospital, Switzerland

Editorial Board

Prof. Ahmed Abdel Khalek Abdel Razeq

Mansoura Faculty of Medicine, Egypt

Dr. Mohammad Reza Ay

Tehran University of Medical Sciences, Iran

Dr. Mukesh Dhamala

Georgia State University, USA

Prof. Michael L. Goris

Stanford University, USA

Dr. Yasunobu Hayabuchi

University of Tokushima, Japan

Dr. Peter Kalina

Mayo Clinic, USA

Dr. Chan Kyo Kim

Sungkyunkwan University, Korea (South)

Dr. Marina Leitman

Tel Aviv University, Israel

Dr. George K. Matsopoulos

National Technical University of Athens, Greece

Dr. Carlo Miniussi

University of Brescia, Italy

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

Dr. Jinyuan Zhou

Johns Hopkins University, USA

Dr. Hongming Zhuang

University of Pennsylvania, USA

TABLE OF CONTENTS

Volume 2 Number 2

June 2012

Sources of Variability in the Use of Standardized Perfusion Value for HCC Studies

M. D'Antò, M. Cesarelli, F. Fiore, M. Romano, P. Bifulco, A. Vecchione.....33

Clinical Utility of N-13 Ammonia Cardiac PET Perfusion Imaging in the Assessment of Epicardial Coronary Lesions of Intermediate Range

M. Jyotsna, G. Somasekhar, V. V. S. P. Rao, RNV Kumar, E. Jyotsna.....41

Post-Natal Spontaneous Resolution of a Congenital Pulmonary Airway Malformation in an Infant: Plain Radiographic and CT Manifestations

J. Amodio, A. Perenyi, J. Zember, M. Smith.....47

Prognostic Utility of Dobutamine Stress Echocardiography in the Obese African American Population

A. Khan, E. Valdiviezo, G. Singh, S. Kanjanauthai, W. Nazneen, K. Ananthasubramaniam.....50

Score Evaluation of MRI Sequence Type Related Artifacts after Interbody Fusion with Metallic Implants—A Spine Specimen Study

T. Ernstberger, G. Buchhorn, G. Heidrich.....57

Intraosseous Lipoma with Subsequent Esophageal Carcinoma Metastasis

S. Ramandeep, M. John, R. Priya, B. Gregg, C. Bogdan, L. Patrick.....64

Systematic Evaluation of Current Possibilities to Determine Left Ventricular Volumes by Echocardiography in Patients after Myocardial Infarction

S. Stoebe, A. Tarr, T. Trache, J.-G. Kluge, D. Pfeiffer, A. Hagendorff.....68

Inter-Occlusal Separation in CBCT Imaging: Rationale and Method

A. El-Beialy, Y. Mostafa.....76

Differentiation of Exophytic Renal Masses with Determination of the Angular Interface with Renal Parenchyma in US and CT

D. Yildirim, H. Bozkurt, A. Cirakoglu, M. Sahin, B. Gurses, B. Ekci.....80

The figure on the front cover is produced by the contribution of Ercan Karaarslan (MD, Acibadem University, Istanbul, Turkey) and Duzgun Yildirim (Iskenderun Military Hospital, Hatay, Turkey).

Open Journal of Medical Imaging (OJMI)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Medical Imaging* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

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

E-mail: sub@scirp.org

COPYRIGHT

Copyright©2012 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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

Call for Papers



Open Journal of Medical Imaging

ISSN 2164-2788 (print) ISSN 2164-2796 (online)

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. Habib Zaidi

Geneva University Hospital, Switzerland

Editorial Board

Prof. Ahmed Abdel Khalek Abdel Razek

Dr. Mohammad Reza Ay

Dr. Mukesh Dhamala

Prof. Michael L. Goris

Dr. Yasunobu Hayabuchi

Dr. Peter Kalina

Dr. Chan Kyo Kim

Dr. Marina Leitman

Dr. George K. Matsopoulos

Dr. Carlo Miniussi

Prof. Tinsu Pan

Prof. Hui-Xiong Xu

Dr. Jinyuan Zhou

Dr. Hongming Zhuang

Mansoura Faculty of Medicine, Egypt

Tehran University of Medical Sciences, Iran

Georgia State University, USA

Stanford University, USA

University of Tokushima, Japan

Mayo Clinic, USA

Sungkyunkwan University, Korea (South)

Tel Aviv University, Israel

National Technical University of Athens, Greece

University of Brescia, Italy

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

Shanghai Tenth People's Hospital of Tongji University, China

Johns Hopkins University, USA

University of Pennsylvania, USA

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
- Contrast Media & Molecular Imaging
- Imaging & Microscopy
- Magnetic Resonance Imaging (MRI)
- Mathematical Imaging and Vision
- Medical Imaging and Radiation Oncology
- Molecular Imaging and Biology
- Neuroimaging
- Nuclear Medicine and Molecular Imaging
- Radiography
- 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

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

Email: ojmi@scirp.org

TABLE OF CONTENTS

Volume 2 Number 2

June 2012

Sources of Variability in the Use of Standardized Perfusion Value for HCC Studies M. D'Antò, M. Cesarelli, F. Fiore, M. Romano, P. Bifulco, A. Vecchione.....	33
Clinical Utility of N-13 Ammonia Cardiac PET Perfusion Imaging in the Assessment of Epicardial Coronary Lesions of Intermediate Range M. Jyotsna, G. Somasekhar, V. V. S. P. Rao, RNV Kumar, E. Jyotsna.....	41
Post-Natal Spontaneous Resolution of a Congenital Pulmonary Airway Malformation in an Infant: Plain Radiographic and CT Manifestations J. Amodio, A. Perenyi, J. Zember, M. Smith.....	47
Prognostic Utility of Dobutamine Stress Echocardiography in the Obese African American Population A. Khan, E. Valdiviezo, G. Singh, S. Kanjanauthai, W. Nazneen, K. Ananthasubramaniam.....	50
Score Evaluation of MRI Sequence Type Related Artifacts after Interbody Fusion with Metallic Implants—A Spine Specimen Study T. Ernstberger, G. Buchhorn, G. Heidrich.....	57
Intraosseous Lipoma with Subsequent Esophageal Carcinoma Metastasis S. Ramandeep, M. John, R. Priya, B. Gregg, C. Bogdan, L. Patrick.....	64
Systematic Evaluation of Current Possibilities to Determine Left Ventricular Volumes by Echocardiography in Patients after Myocardial Infarction S. Stoebe, A. Tarr, T. Trache, J.-G. Kluge, D. Pfeiffer, A. Hagedorff.....	68
Inter-Occlusal Separation in CBCT Imaging: Rationale and Method A. El-Beialy, Y. Mostafa.....	76
Differentiation of Exophytic Renal Masses with Determination of the Angular Interface with Renal Parenchyma in US and CT D. Yildirim, H. Bozkurt, A. Cirakoglu, M. Sahin, B. Gurses, B. Ekci.....	80