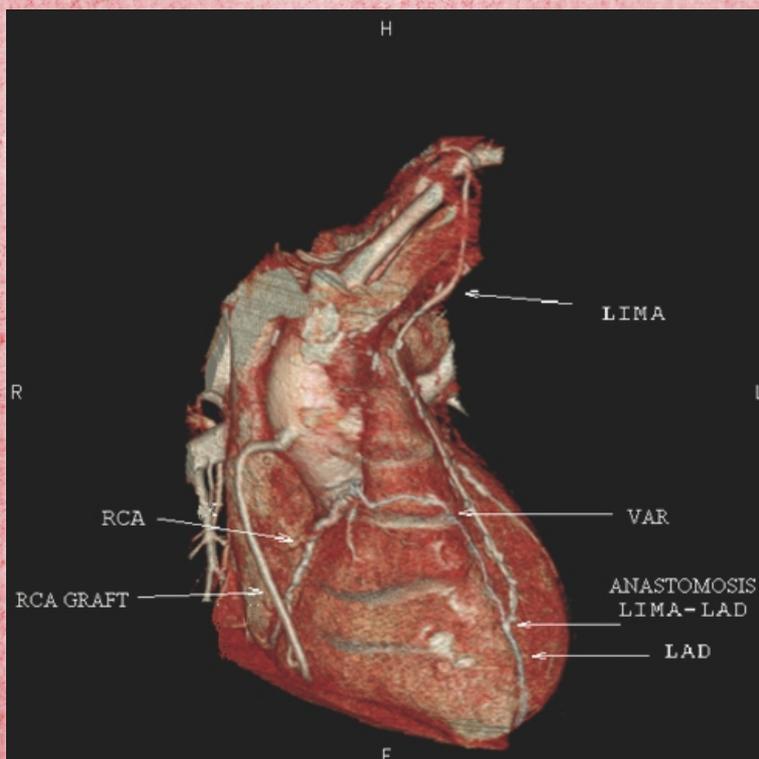


# Open Journal of Radiology



ISSN: 2164-3024





# Table of Contents

Volume 4    Number 1

March 2014

## **The Detectability for the Myocardial Fibrosis by Tagging Imaging on Cardiovascular Magnetic Resonance**

A. K. Kono, P. Croisille, T. Nishii, K. Kyotani, K. Nishiyama, M. Shigeru, S. Takamine, S. Fujiwara, K. Sugimura.....1

## **Vieussens' Arterial Ring Visualized by MDCT**

M. Bamoshmoosh, F. Fanfani, C. Volpe.....9

## **Apparent Diffusion Coefficient Mapping Using a Multi-Shot Spiral MRI Sequence of the Rat Brain**

T. Numano, K. Hyodo, N. Nitta, J. Hata, N. Iwasaki, K. Homma.....13

## **Contrast Enhanced Magnetic Resonance Angiography with Gadofosveset Used in Detection and Localization of Bleeding**

D. Durant, G. Annamalai.....25

## **Percutaneous Radiofrequency Ablation of Hepatocellular Carcinoma against the Diaphragm: Is Artificial Ascites Necessary?**

K. Khong, H. Nguyen, C-S. Li, D. Cheng, J. P. McGahan.....32

## **Biological Tissue Modeling with Agar Gel Phantom for Radiation Dosimetry of <sup>99m</sup>Tc**

L. Aranda-Lara, E. Torres-García, R. Oros-Pantoja.....44

## **Effect of Slice Thickness Reconstruction on Quantitative Vascular Parameters in Perfusion CT**

A. Martínez-de-Alegría, R. García-Figueiras, S. Baleato-González, M. J. Rodriguez-Alvarez,  
I. Martínez-Souto, C. Villalba-Martín.....53

## **Referring Physicians' Knowledge on Justification of Medical Exposure in Diagnostic Imaging in a Sub-Saharan African Country, Cameroon**

B. Moifo, A. L. Edzimbi, H. Tebere, J. Tambe, R. N. Samba, J. G. Fotsin.....60

## **Optimization of Exposure Conditions for Computed Radiology Exams in Neonatal Intensive Care**

E. Rizzi, S. Emanuelli, S. Amerio, D. Fagan, F. Mastrogiacomo, P. Gianino, F. Cesarani.....69

## **Unique MR Findings in a Case Series of Two Symptomatic Patients with Peliosis Hepatis**

D. Pierce, C. S. Davis, P. M. Bloomston, Z. K. Shah.....79

## **Dosimetric Comparison of Intensity-Modulated Radiotherapy versus Three-Dimensional Conformal Radiotherapy for Patients with Brain Tumors**

D. M. Al Zayat, E. M. Attalla, H. S. Abouelenein, Y. M. Elkem, W. Khalil.....85

## **Mediastinal Neuro-Fibro-Lipoma with Atypia: A Case Report**

K. Taori, S. Dhakate, J. Rathod, A. Disawal, A. Hatgoankar, R. Khisti, M. Jain, S. Mane, R. Jain.....97

**Temporal Trends in Radiation Dose Associated with Coronary Computed Tomography Angiography**

P. Marraccini, A. Mazzarisi, C. Carpeggiani, M. Schluter, M. Brambilla, M. Bianchi, L. Faggioni, G. Coppini,  
C. Bartolozzi, E. Picano.....101

**The Evaluation of the Knee Joint in Terms of Magnetic Resonance Imaging Measurements in Osteoarthritis Patients: A Comparative Study Comprising a Control Group**

B. Gulek, G. Soker, E. Erken, Y. Yesilkaya, B. Durgun, N. Alpaslan, E. Söker, O. Kaya, E. Erken.....111

**Ectopic Autosomal Dominant Polycystic Kidney Disease (ADPKD)—  
An Extremely Rare Radiological Finding**

M. Gupta.....120

**Contrast Enhancement of Posterior Mediastinal Ganglioneuromas—Correlation between the Level of Enhancement and Histopathological Features**

Y. Ozawa, M. Hara, M. Kato, S. Shimizu, Y. Shibamoto.....123

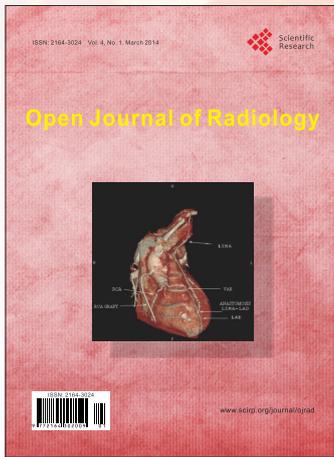
**Contrast-Enhanced CT-Guided Core Biopsy of Retroperitoneal Masses**

A. El-Badrawy, A. Tawfik, S. Abdelfattah, A. Monir, M. Salah-Eldin, E. E. Azmy, D. El-Tantawy, A. El-Karef.....130

**Diffusion-Weighted MR Imaging of the Benign Hepatic Focal Lesions**

A. El-Badrawy, G. A. Ashmallah, A. M. Tawfik, S. Abdelfattah, M. Salah-Eldin, E. E. Azmy, A. A. El-Karef,  
G. A. Salem, O. Farouk.....136

Call for Papers



# Open Journal of Radiology

ISSN Print: 2164-3024 ISSN Online: 2164-3032

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

**Open Journal of Radiology (OJRad)** is an international peer-reviewed, open-access journal dedicated to presenting the latest advancement in medical imaging. The Journal is interested in presenting a wide range of imaging topics of interest to the medical community. These would include imaging developments: 1) for diagnosis of disease and 2) for guiding and/or evaluating a therapeutic treatment. The journal is also interested in presenting research articles of general interest to the imaging community, for example: image acquisition, processing, multimodality image registration and segmentation. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of radiology.

## Subject Coverage

The journal publishes original papers including, but not limited to the following subfields of radiology:

- ◆ Acquisition of Radiological Images
- ◆ Computed Tomography (CT)
- ◆ Fluoroscopy
- ◆ Interventional Radiology
- ◆ MRI (Magnetic Resonance Imaging)
- ◆ Nuclear Medicine
- ◆ Projection (Plain) Radiography
- ◆ Radiologist Training
- ◆ Teleradiology
- ◆ 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.

## Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically from the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

## Website and E-Mail

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

E-mail: [ojrad@scirp.org](mailto:ojrad@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, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

## *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, world-wide, 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



**Scientific  
Research**

**Website: <http://www.scirp.org>**

**Subscription: [sub@scirp.org](mailto:sub@scirp.org)**

**Advertisement: [service@scirp.org](mailto:service@scirp.org)**