

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 ^{99m}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