2023 | Volume Volume - 9 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:IJCMS-9-238

Gadolinium Brain Deposition in the globus pallidus and dentate nucleus after serial administrations of a macrocyclic gadolinium-based contrast agent in oncologic pediatric patients

Published On: September 30, 2022 | Pages: 018 - 025

Author(s): Jonathan Carabin, Amine Bouhamama*, Ana Maria Mandache, Alexandre Basle, Edouard Marie, Cécile Faure-Conter, Pierre Leblond, Didier Frappaz, Audrey Lardy-Cleaud and Frank Pilleul

Introduction: Gadolinium deposition in the human brain, especially in the Globus Pallidus (GP) and the Dentate Nucleus (DN) has been reported after the administration of linear Gadolinium-Based Contrast Agents (GBCAs). This study aims to determine whether repeated injections of macrocyclic GBCA are associated with an increased Signal Intensity (SI) on T1-weighted sequ ...

Abstract View Full Article View DOI: 10.17352/2455-8702.000138

Case Report

Open Access Case Report PTZAID:IJCMS-9-235

Cemento-ossifying fibroma

Published On: July 07, 2022 | Pages: 007 - 010

Author(s): Rida Zainab*, Imtiaz Ali, Hina Naseer, Muhammad Ayub Mansoor, Aiza Sohail Khan and Asad Abbas Jafri

Cemento-ossifying fibroma is a rare benign fibro-osseous neoplasm commonly involving the jaws majority of lesions occur in mandible bone. It can be discovered as an incidental finding in radiological imaging. Symptomatic patients are presented with a slowly growing mass involving the jaws commonly in mandible bone and can attain a large size with the passage of time. ...

Abstract View Full Article View DOI: 10.17352/2455-8702.000135

Commentary

Open Access Commentary PTZAID:IJCMS-9-236

The benefits of Heart Rate Variability (HRV) in the assessment of health and exercise performance

Published On: September 23, 2022 | Pages: 011 - 014

Author(s): Dan Tao, Yeheng He, Alistair Cole, Roger Awan-Scully, Rashmi Supriya, Yang Gao* and Julien S Baker

The purpose of this brief report is to stimulate further interest and to raise awareness in relation to the usefulness of assessing cardiac autonomic nerve function using heart rate variability (HRV). The paper outlines the mechanisms associated with HRV and the relationships between HRV, health, and athletic performance. The paper then summarizes the potential benefi ...

Abstract View Full Article View DOI: 10.17352/2455-8702.000136

Observational Study

Open Access Observational Study PTZAID:IJCMS-9-234

Relationship between Atherosclerosis and Cancer: An observational outcome study

Published On: March 25, 2022 | Pages: 001 - 006

Author(s): Ansgar Adams*, Waldemar Bojara and Michel Romanens

Background and aims: It was investigated whether there is a relationship between advanced atherosclerosis of the carotid artery and cancer. Method: The carotid Total Plaque Area (TPA), the maximum plaque thickness, and the cardiovascular risk based on Framingham calculator using body-mass-index were determined in healthy subjects using ultrasound. We compared the ...

Abstract View Full Article View DOI: 10.17352/2455-8702.000134

Case Study

Open Access Case Study PTZAID:IJCMS-9-237

Challenges in diagnosing Treatment-Resistant Schizophrenia (TRS) with Frontal

Lobe Atrophy from MRI Imaging: Case Study

Published On: September 29, 2022 | Pages: 015 - 017

Author(s): Mardhiyah Rusdi, Faiz Md Tahir, Ahmad Zafri Abu Bakar, Hashlina Rusdi, Mohamad Rusop Mahmood and Roshidah Rusdi*

The diagnostic criteria for the behavioral variant of frontotemporal dementia were revised recently. Distinguishing both disorders apart as brain imaging studies in patients with schizophrenia also demonstrate changes in the frontal and temporal lobes which can help in the diagnostic process. This paper highlights the challenges in diagnosing Treatment-Resistant Schiz ...

Abstract View | Full Article View | DOI: 10.17352/2455-8702.000137