In this issue

Research Article

Intratunnel Pressure Measurement in Patients with Carpal Tunnel Syndrome in Vietnam

Published On: December 13, 2017 | Pages: 053 - 055

Author(s): Dung Tran Trung*, Manh Nguyen Huu, Khanh Trinh Le and Thanh Ma Ngoc

Objective: Measure the intratunnel pressure of carpal tunnel in patients who underwent surgical treatment for carpal tunnel syndrome in Hanoi Medical University Hospital

Patients and method: Prospective cross-sectional study of 33 carpal tunnel syndrome patients (61 hands) treated surgically at Hanoi Medical University Hospital. Measure the preoperative intratunnel ...

Magnetic Resonance Imaging versus Proton Magnetic Resonance Spectroscopy in Neonatal Hypoxic Ischemic Encephalopathy in Egyptian Population: Pilot study

Published On: August 30, 2017 | Pages: 043 - 050

Author(s): Ossama Y Mansour*, Doaa Hanfy, Sameh Fathy and Rania E Mohammed,

Background: Hypoxic-ischemic encephalopathy (HIE) is a serious condition that results of critical failure of the intrapartum gas exchange and may lead to a significant damage in the central nervous system. Objective: to elucidate the role of brain magnetic resonance imaging (MRI) versus Proton magnetic resonance spectroscopy (1H-MRS) in the diagnosis and evalui ...
Published On: August 07, 2017 | Pages: 038 - 042

Author(s): Zeynep Oozozen Ayas, Kyasettin Asil and Ruhsen Ocal,

Background: Dyke-Davidoff-Masson syndrome (DDMS) is characterized by cerebral hemiatrophy, epileptic seizures, contralateral hemiplegia/hemiparesis, and mental retardation. Aims: In this study, clinical and radiological investigations of seven patients who were diagnosed with DDMS as adults age were evaluated and discussed with the literature. ...
Published On: February 23, 2017 | Pages: 007 - 011

Author(s): GM Overdevest, AC van Es, MAA van Walderveen and PWA Willems*

Background: Surgery and embolization may both be considered in ruptured superficial micro-AVMs. However, surgery may be challenged by poor recognition of the lesion and embolization by difficulty in achieving complete obliteration and avoiding en passage feeders. Recent developments in AVM surgery and embolization techniques call for a reevaluation of these treat ...

Abstract View | Full Article View | DOI: 10.17352/jnnsd.000012

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The Potential Role of Store-Operated Calcium Entry (SOCE) Pathways in the Pathophysiology of Epilepsy and Migraine-Like Headaches in Patients with Neurocysticercosis

Published On: January 25, 2017 | Pages: 001 - 006

Author(s): Yannick Fogoum Fogang*

Cysticercosis is the most common helminthic disease of the nervous system in humans. The clinical presentation of neurocysticercosis (NCC) is nonspecific and can mimic a wide array of primary central nervous system (CNS) disorders, making its diagnosis a challenge especially in endemic areas. The pathophysiology of episodic CNS manifestations of NCC is not ...

Abstract View | Full Article View | DOI: 10.17352/jnnsd.000011

Case Report
Absence of CHRDL1 and FOXC1 sequence changes in two brothers with Megalocornea-Mental Retardation Syndrome

Published On: July 03, 2017 | Pages: 028 - 032

Author(s): Gebril OH*, Cheong SS, Hardcastle AJ, Abdelraouf ER, Eid SR and Elsaied M

Megalocornea is a defining feature of megalocornea-mental retardation (MMR) syndrome also called Neuhäuser syndrome, a rare condition of unknown etiology. ...
Music Therapy in Patients with Huntington’s Disease: A Case Report

Published On: March 23, 2017 | Pages: 012 - 015

Author(s): Monique CH van Bruggen-Rufi*, Annemieke C Vink2, Wilco P Achterberg, Raymund AC Roos

This paper reports about 2 patients with Huntington’s disease who benefit greatly from music therapy while they are struggling with behavioral and emotional problems, due to the advanced stage of the disease. Huntington’s disease (HD) is an inherited neuropsychiatric disease with progressive neural degeneration of the basal ganglia and gradual atrophy of the front ...

PCR-RFLP evidences peculiarities in Spinal Muscular Atrophy among Cuban Patients

Published On: September 15, 2017 | Pages: 051 - 052

Author(s): Pita Rodríguez M*, Zaldívar Vaillant T, Zayas Guillot M, Alvarez González MA

Spinal Muscular Atrophy (SMA) is a lethal, autosomal recessive, neurodegenerative disorder characterized by progressive muscle weakness. SMA has an incidence of 1 in 6000-10000 live-births and a carrier frequency of 1:38–50 [1]. Previous reports describe genotype and frequency differences among ethnic groups [2,3]. In around 95% SMA results from the loss of SMN1 ...