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In this issue

Research Article

Open Access Research Article PTZAID:JNNSD-5-134

Variations of shape, length, branching, and end trunks of M1 segment of middle cerebral artery

Published On: November 22, 2019 | Pages: 052 - 056

Author(s): Valvita Reci* and Sadi Bexheti

Introduction: The middle cerebral artery is divided into four segments: proximal M1, insular M2, opercular M3 and cortical M4. ...

Abstract View Full Article View DOI: 10.17352/jnnsd.000034

Open Access Research Article PTZAID:JNNSD-5-133

Immunohistochemical Expression of Nestin as Cancer Stem Cell marker in Gliomas

Published On: October 31, 2019 | Pages: 047 - 051

Author(s): Rasha Mokhtar Abdelkareem*, Afaf T Elnashar, Khaled Nasser Fadle and Eman MS Muhammad

Background: Gliomas represent the most frequent primary tumors of central nervous system (CNS), contributing to more than half of the incidence of brain tumors. Cancer stem cell markers (CSC) identify a group of patients at high risk for progression. Nestin is an intermediate fi lament (IF) protein was first described as a neural stem cell/progenitor cell mark ...

Abstract View Full Article View DOI: 10.17352/jnnsd.000033

Open Access Research Article PTZAID:JNNSD-5-131

Neurological manifestations of Vitamin D defi ciency among medical students

Published On: July 19, 2019 | Pages: 033 - 037

Author(s): Ahmed Hassan Mitwalli*, Durdana Hammad, Rehab B Albakr, Abduallatef Alrashoudi, Abeer Aljomaiah, Sanaa Tulbah,

Rawabi Albogomi, Mohammed Mitwalli and Hussam Mitwalli

Background and Objective: Vitamin D status and neurological manifestation of Vitamin D defi ciency in medical students is seldom investigated. Design and settings: Cross sectional Survey conducted at King Khalid University Hospital Riyadh Saudi Arabia. ...

Abstract View | Full Article View | DOI: 10.17352/jnnsd.000031

Open Access Research Article PTZAID:JNNSD-5-130

The test of reincarnation of the soul by DNA and IRIS scanner (Part Three)

Published On: April 15, 2019 | Pages: 026 - 032

Author(s): Antonio Alcalá Malavé, MD, PhD*

The test of reincarnation of the soul has only been studied through the Tibetan Book of the Dead [1], written by Padmasambhava in the 8th century. He was the founder of the Nyingma school of Tibetan Buddhism and the inner tantras in the 8th century. This book is a handbook for those who have died and which, according to the Tantric Buddhism of Tibet [2], would allow a ...

Abstract View | Full Article View | DOI: 10.17352/jnnsd.000030

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The test of reincarnation of the soul by DNA and IRIS scanner (Part Two)

Published On: April 15, 2019 | Pages: 015 - 025

Author(s): Antonio Alcalá Malavé, MD, PhD*

The test of reincarnation of the soul has only been studied through the Tibetan Book of the Dead [1], written by Padmasambhava in the 8th century. He was the founder of the Nyingma school of Tibetan Buddhism and the inner tantras in the 8th century. This book is a handbook for those who have died and which, according to the Tantric Buddhism of Tibet [2], would allow a ...

Abstract View | Full Article View | DOI: 10.17352/jnnsd.000029

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The test of reincarnation of the soul by DNA and IRIS scanner (Part One)

Published On: April 15, 2019 | Pages: 026 - 032

Author(s): Antonio Alcalá Malavé, MD, PhD*

The test of reincarnation of the soul has only been studied through the Tibetan Book of the Dead [1], written by Padmasambhava in the 8th century. He was the founder of the Nyingma school of Tibetan Buddhism and the inner tantras in the 8th century. This book is a handbook for those who have died and which, according to the Tantric Buddhism of Tibet [2], would allow a ...

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Open Access Research Article PTZAID:JNNSD-5-126

Exercise induced operant conditioning of the H-reflex in stroke patients: Hopes for improving motor function through inducing plastic changes in the spinal pathways

Published On: January 21, 2019 | Pages: 001 - 005

Author(s): Behdad Tahayori* and David Koceja

Background: Cerebrovascular accident is a major cause of disability. Stroke survivors suffer from various severity levels of movement impairment which would substantially affect their quality of life. Several methods have been investigated for improving movement in these patients. Most of the treatment approaches are geared toward inducing neuroplasticity in the brain ...

Abstract View Full Article View DOI: 10.17352/jnnsd.0000026

Review Article

Open Access Review Article PTZAID:JNNSD-5-132

Neuroplasticity and neuronal communications in the healthy and in the disease brain

Published On: August 20, 2019 | Pages: 038 - 046

Author(s): María Pilar González*, Adrián Macho-González, Alba Garcimartin, María Elvira López- Oliva, Juana Benedi and José Joaquín Merino

In this review we explain: 1) the molecular mechanism by which de nervous system establishes communication between all their cells (neurons and glia), 2) the way by which this system organizes its confi guration (plasticity); in order to send

signals, which form part of our behaviour, memory, thoughts, movements and all the functions that allow us to communicated w ...

Abstract View Full Article View DOI: 10.17352/jnnsd.000032

Case Report

Open Access Case Report PTZAID:JNNSD-5-135

Use of a Zorb Bumper Ball in rehabilitation of a patient with ataxic multiple sclerosis: A case report

Published On: December 19, 2019 | Pages: 057 - 061

Author(s): Randy Karim*, Catherine Holt and Matthew Sutliff

Multiple sclerosis affecting the cerebellum and associated pathways can result in debilitating ataxia. Recent research has shown that reinforcement and goal-based learning may be more effective in improving motor outcomes than error-based motor learning in patients with cerebellar deficits due to decreased intrinsic feedback mechanisms. ...

Abstract View Full Article View DOI: 10.17352/jnnsd.000035

Perspective Study

Open Access Perspective Study PTZAID:JNNSD-5-127

CIDP in elderly patients with sensory ataxia: Never forget to think about Contactin 1 spectrum

Published On: February 21, 2019 | Pages: 006 - 007

Author(s): Marcus Vinícius Magno Gonçalves*, André Eduardo de Almeida Franzoi, Rinaldo Claudino and Osvaldo Nascimento

Chronic inflammatory demyelinating polyneuropathy (CIDP) is an acquired disorder of peripheral nerves. Paranodal axoglial junctions formed by the association of contactin-1 (CNTN1), contactin-associated protein 1 (CASPR), and neurofascin-155 (NF-115) play important functions in nerve impulse propagation along myelinated axons. As with neurofascin antibody-mediated CID ...

Abstract View Full Article View DOI: 10.17352/jnnsd.0000027