



### Comparison of CT and MRI in diagnosis of cerebrospinal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3423734>

Mar 15, 2011 · Introduction. The incidence of cerebrospinal leak is about 2–9% after the traumatic brain injury.1 It is even higher after multiple basilar skull fracture. Secondary intracranial infection, as one of the severe complications, may occur in 30–40% of the patients with prolonged cerebrospinal leak.2 A surgical repair is the most effective therapy for most traumatic cerebrospinal leak, which ...

Cited by: 9 Author: Xuhui Wang, Minhui Xu, Hong Liang, Lun...  
Publish Year: 2011

### (PDF) Comparison of CT and MRI in diagnosis of ...

<https://www.researchgate.net/publication/230763727> ...

Comparison of CT and MRI in diagnosis of cerebrospinal leak induced by multiple fractures of skull base ... A male patient aged 21 years with severe craniocerebral injury. Surgery was performed to ...

### Craniocerebral Gunshot Injuries; A Review of the Current ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4897986>

In case of survival, computed tomography (CT) scan and magnetic resonance imaging (MRI) can be used to monitor progress and pick up possible vascular infarct or infectious complications. . Plain filmsThe availability of CT-scan precludes the use of plain radiography, but still it is used in remote places. [24,25]. However, post-mortem ...

Cited by: 7 Author: Hernando Raphael Alvis-Miranda, Andres ...  
Publish Year: 2016

### The clinical application of CT-guided craniocerebral ...

<https://www.researchgate.net/publication/282928135>...

Download Citation | The clinical application of CT-guided craniocerebral puncture biopsy: Initial experience in 23 cases | Objective: To investigate the diagnostic value of CT-guided ...

### Intracranial Hypotension: Improved MRI Detection With ...

<https://www.ajronline.org/doi/full/10.2214/AJR.12.8611>

MRI is vital in the diagnosis of intracranial hypotension. A number of imaging findings have been described including dural enhancement, reversible pituitary enlargement [ 4 , 5 ], subdural collections, caudal tonsillar displacement [ 4 , 6 – 8 ].

[Comparison between computed tomography and magnetic ...](#)<https://pubmed.ncbi.nlm.nih.gov/33024764>

MRI and CT have good diagnostic typing in **the diagnosis** of tibial plateau fractures, but MRI is more accurate and may be preferred.

[Added Value of Vessel Wall Magnetic Resonance Imaging in ...](#)<https://www.ahajournals.org/doi/10.1161/strokeaha.116.013320>

Luminal **Imaging** and Vessel Wall **Magnetic Resonance Imaging** Findings for Each Disease Group (n=76 Arterial Territories; Left and Right Sides, 2 Readers Each) Luminal Findings Final **Diagnosis**: ICAD (n=38) MMD (n=30) V (n=8) **P Value** (ICAD vs MMD)\* Occlusion ACA: 0 (0.0) 2 (6.7) 0 (0.0) 0.95† MCA: 11 (28.9) 6 (20.0) 1 (12.5) ICA: 14 (36.8) 12 (40 ...

**Cited by:** 28 **Author:** Mahmud Mossa-Basha, Adam de Haven...

**Publish Year:** 2016

[Multimodality imaging in diagnosis and management of ...](#)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4859741>

Apr 12, 2016 · While radiologic **imaging** modalities play a major role, histopathologic examinations and PCR **analysis** are used for making the definite **diagnosis**. Conventional **imaging** methods, including x-ray, ultrasonography (US), **computed tomography** (CT), and **magnetic resonance imaging** (MRI), have been used **in the diagnosis**, follow-up, and management of AE for ...

**Cited by:** 18 **Author:** Mesut Bulakçı, Merve Gülbiz Kartal, Sabr...

**Publish Year:** 2016

[The application value of lung ultrasound findings in ...](#)[tp.amegroups.com/article/view/40081/30465](http://tp.amegroups.com/article/view/40081/30465) ▾

Although we have developed many **imaging** diagnostic techniques, such as chest radiography, lung **computed tomography** (CT), lung ultrasound, and lung **magnetic resonance imaging** (MRI) (15,16), there are few reports discussing the **value** of different BPD **imaging** diagnoses. Here, we used lung

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 56223

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Study*

Application value analysis of magnetic resonance imaging and computed tomography in the diagnosis of intracranial infection after craniocerebral surgery

Gu L *et al.* Application value analysis of MRI and CT in the diagnosis of intracranial infection

Lan Gu, Xiao-Liang Yang, Hui-Kang Yin, Ze-Hua Lu, Cheng-Jun Geng

**Abstract**

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### Comparison between computed tomography and magnetic ...

<https://pubmed.ncbi.nlm.nih.gov/33024764>

MRI and CT have good diagnostic typing **in the diagnosis** of tibial plateau fractures, but MRI is more accurate and may be preferred.

### High-Resolution Magnetic Resonance Imaging of ...

<https://www.ahajournals.org/doi/10.1161/STROKEAHA.119.026362>

Multiple modalities (**computed tomography**, **magnetic resonance imaging** [MRI], and carotid artery ultrasound) have been used to complement each other to facilitate the **diagnosis** of CCAD. 10,11 Nevertheless, definite **diagnosis** is often difficult because of the low sensitivity of these radiological methods for various signs, such as intramural ...

**Cited by:** 5

**Author:** Ye Wu, Fang Wu, Yuehong Liu, Zhaoyan...

**Publish Year:** 2019

### Neurological Diagnostic Tests and Procedures Fact Sheet ...

<https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Fact-Sheets/...> ▾

Mar 16, 2020 · Types of brain scans include **computed tomography** (CT), **magnetic resonance imaging** (MRI), positron emission **tomography** (PET), and single proton emission (SPECT) scans. **Computed tomography** (CT scan) uses X-rays to produce two-dimensional images of organs, bones, and tissues. A CT scan can aid in proper **diagnosis** by showing the area of the brain ...

### Assessment of lesions on magnetic resonance imaging in ...

<https://academic.oup.com/brain/article/142/7/1858/5519813> ▾

Jun 17, 2019 · multiple sclerosis, **magnetic resonance imaging**, lesions, diagnostic criteria, guidelines Introduction Since their introduction in 2001 up to the recent 2017 revision, the McDonald diagnostic criteria for multiple sclerosis are based on the number, size and location of brain and spinal cord lesions believed to be typical of multiple sclerosis.

**Cited by:** 30

**Author:** Massimo Filippi, Paolo Preziosa, Brenda...

**Publish Year:** 2019