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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 59788

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Is traumatic meniscal lesion associated with acute fracture morphology changes of tibia plateau? A series of arthroscopic analysis of 67 patients

Chen YD *et al.* Arthroscopic retrospective cases

Yan-Dong Chen, Shu-Xiang Chen, Hong-Guang Liu, Xiang-Sheng Zhao, Wen-Huan Ou, Huan-Xi Li, Hong-Xing Huang

Abstract

BACKGROUND

Computerized tomography (CT) has become a routine preoperative examination for tibial plateau fractures (TPFs). Assessing the location of the fragment and intercondylar

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Anatomic risk factor for meniscal lesion in association ...

https://jor-online.biomedcentral.com/articles/10.1186/s13018-019-1281-z

Jul 30, 2019 · To assess anatomic risk factors for **meniscal** lesions in association with **acute** ACL rupture. The primary hypothesis was that tibiofemoral anatomic measures will be different in those with and without concomitant meniscus tears. A retrospective review of **patients** who underwent **acute** ACL reconstruction in the department was performed. All **patients** underwent a postoperative CT scan.

Author: Romain Gaillard, Robert Magnussen, Ce... Publish Year: 2019

MR Imaging–based Diagnosis and Classification of Meniscal ...

https://pubs.rsna.org/doi/full/10.1148/rg.344125202

The prevalence of **meniscal** tears increases with age, and **meniscal** tears are often **associated** with and contribute to degenerative joint disease. Tears are more common in the posterior horn of the menisci, particularly favoring the more constrained MM. However, in younger **patients** with an **acute** injury, LM tears are more common.

Cited by: 118 Author: Jie C. Nguyen, Arthur A. De Smet, Ben K. Gr... Publish Year: 2014

Tibial plateau fractures: compared outcomes between ARIF ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3482433

Of the remaining 31 **patients**, without **associated** lesions, 20 of them belonged to group B while 11 **patients** belonged to group A. A **lesion** of the meniscus was found in 57 knees: a medial meniscus tear in 13 knees; a lateral meniscus tear in 34 knees and bilateral **meniscal** tears in 10 knees.

Cited by: 57 Author: Carlo Dall'Oca, Tommaso Maluta, Franco L... Publish Year: 2012

PEOPLE ALSO ASK

- Can meniscal damage cause osteoarthritis?
- What is transverse meniscal ligament?
- What is anterior cruciate ligament?
- What causes knee swelling without trauma?

Feedback

Review of current understanding of post-traumatic ...

https://onlinelibrary.wiley.com/doi/full/10.1002/jor.23341

Jun 16, 2016 · Following **arthroscopic** partial meniscectomy, ~38% of **patients** with medial meniscectomy ~24% of **patients** with lateral meniscectomy Had radiographic OA **changes** within 4.5 years 25 71% of **patients** had radiographic OA within 21 years following total menisectomy 26: Shoulder instability: Young active **patients** 29 Male > females 29

Cited by: 87 Author: Andrew Carbone, Scott Rodeo Publish Year: 2017

(PDF) Anatomic risk factor for meniscal lesion in ...

https://www.researchgate.net/publication/334772749...

One hundred sixty-seven **patients** had a medial **meniscal** tear (119 males/48 females), and 100 had a lateral **meniscal** tear (80 males/20 females). The mean time from injury to surgery was 3 months.

MRI of Acute Meniscal Injury Associated with Tibial ...

https://www.researchgate.net/publication/23271577...

Patients and methods Forty **patients** with **acute** tibial **plateau fracture** and 15 control subjects were subjected to MDCT and MR images. ... to 70% of cases of **tibia plateau fracture** suggesting that ...

Osteochondral Lesions of the Knee: Differentiating the ...

https://pubs.rsna.org/doi/full/10.1148/rg.2018180044

Aug 17, 2018 · An osteochondral defect can occur acutely or develop as a result of several chronic conditions including (a) separation of the osteochondral fragment caused by an **acute traumatic** injury or as the end result of an unstable fragment in osteochondritis dissecans (OCD), (b) **acute** osteochondral impaction of the bone with resultant contour deformity ...

Meniscus morphology: Does tear type matter? A narrative ...

https://www.sciencedirect.com/science/article/pii/S0049017216304401

Apr 01, 2017 · **Meniscal** intra-substance signal abnormalities are defined as an increased signal that does not fulfill the criteria for a **meniscal** tear according the "two-slice-touch" rule (i.e., it does not reach the **meniscal** surface on two consecutive views) and is a common finding on routine MRI of the knee , , .Its reported prevalence in middle-aged (45–55 years) individuals with or without OA is ...

Acute Knee Effusions: A Systematic Approach to Diagnosis ...

https://www.aafp.org/afp/2000/0415/p2391.html

Apr 15, 2000 · Knee effusions may be the result of trauma, overuse or systemic disease. An understanding of knee pathoanatomy is an invaluable part of making the correct diagnosis and formulating a treatment plan.

Role of high tibial osteotomy in chronic injuries of ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3052423

Nov 24, 2010 · An isolated chronic PCL **lesion** causes the **tibia** to translate posteriorly and to rotate externally about the femur. The amount of tibial posterior translation depends on the grade of PCL **lesion**: grade I (1–5 mm), grade II (5–10 mm), grade III (>10 mm) [37–39].A chronic PCL **lesion** can have effects on osteocartilaginous structures and on soft tissues of the knee.

Osteonecrosis of the knee: differences among idiopathic ...

https://academic.oup.com/rheumatology/article/39/9/982/1784095

(A) Sagittal T 1 -weighted MRI showing a low-signal subchondral **lesion** (arrows) of linear **morphology**. This **lesion** is **associated** with ill-defined bone marrow oedema. (B) On T 2 -weighted sequences the subchondral **lesion** also shows a low signal (arrowheads) and the ill-defined bone marrow oedema shows a high signal. Joint effusion (arrows) is also well demonstrated, with a homogeneous ...

Anatomic risk factor for meniscal lesion in association ...

https://link.springer.com/article/10.1186/s13018-019-1281-z

After applying the above criteria, 412 **patients** who had an **acute** ACL-R with or without **associated** medial or lateral meniscus **lesion** were identified (Fig. 3). Demographic and injury data were recorded. All **patients** underwent a pre-operative clinical exam with the IKDC scoring system [21, 22].

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Publish Year: 2017

[Traumatic Meniscal Lesions | Request PDF](#)

https://www.researchgate.net/publication/299852680_Traumatic_Meniscal_Lesions

In a retrospective review of the results of 3,612 **arthroscopic** procedures that were performed for the treatment of an **acute** or a chronic **meniscal lesion**, with or without an **associated** ligamentous ...

PEOPLE ALSO ASK

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