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Early complications of preoperative external traction fixation in stag



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Feb 27, 2015 · The two-stage procedure protocol viz. the use of the external fixator in the first stage and the internal fixator in the second stage has been applied to successfully treat pilon fractures for many years in different countries around the world. In general, fixation of the articular surface and tibial shaft is addressed through a variety of ...

Cited by: 7 Author: Chenthuran Deivaraju, Richard Vlasak, K...  
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Early complications of preoperative external traction fixation in staged treatment of tibial fractures: a 402 cases series study. Jiazhao Yang, Wanbo Zhu, Qirong Dong

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6786835>

Hybrid external fixation is a good method for the treatment of comminuted tibial plateau fractures. It allows for early joint movement and reduces the risk of serious complications. Keywords: complex intra-articular, ilizarov external fixator, tibial plateau fractures

Author: Ahmed Raza, Sunil Kumar, Dileep Ku... Publish Year: 2019

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Dec 26, 2019 · The purpose of this study was to evaluate a new method for treating neglected hip dislocation with limb length discrepancy by using external fixation-assisted pre-reduction. Thirteen patients admitted between January 2010 to February 2018 with a mean duration from injury to surgery of  $5.0 \pm 2.1$  months and an average preoperative leg-length discrepancy of  $7.7 \pm 2.3$  cm were enrolled in this study.



Early complications of preoperative external traction fixation in the :



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### Staged treatment of pilon fractures - PubMed Central (PMC)

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Feb 27, 2015 · The two-**stage** procedure protocol viz. the use of the **external** fixator in the first **stage** and the internal fixator in the second **stage** has been applied to successfully treat pilon **fractures** for many years in different countries around the world.<sup>2</sup> In general, **fixation** of the articular surface and **tibial** shaft is addressed through a variety of ...

**Cited by:** 8 **Author:** Chenturan Delvaraju, Richard Vlasak, K...  
**Publish Year:** 2015

### Lower extremity traction pins: Indications, technique, and ...

<https://www.researchgate.net/publication/11533599...>

Jul 29, 2020 · Materials and Methods: A total of **402** patients with high-energy **tibial fractures** treated using **preoperative external traction fixation** at a level-1 ...

### Fast pinless external fixation for open tibial fractures ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4723849>

Pinless **external** fixator has gained acceptance in the **treatment** of open **tibial** shaft **fractures**, especially in **cases** with polytrauma or high-energy injuries. The objective of this study was to present a large cohort of patients with open **tibial** shaft **fractures** treated with two-**staged** with rapid pinless **external** fixator and reamed intramedullary ...

**Cited by:** 4 **Author:** Zheyuan Huang, Bowen Wang, Fengrong...  
**Publish Year:** 2015

### External fixation-assisted reduction for the treatment of ...

<https://bmcmusculoskeletdisord.biomedcentral.com/...>

Dec 26, 2019 · Patient 12. a-c **Preoperative** X-ray and three-dimensional reconstruction computed tomography images 6 months after injury.d-e **External fixation** placement.f The femoral head was drawn underneath the articular surface after 31 days of **traction**.g-h, K-I incision, open reduction with osteotomy of the greater trochanter, and **fixation** of posterior wall of acetabulum.

**Cited by:** 1 **Author:** Pengyu Li, Fulin Tao, Wenhao Song, Jinl...  
**Publish Year:** 2019

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## Staged treatment of pilon fractures - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4674545>

Feb 27, 2015 · Pilon fractures usually occur in adults in their thirties or forties caused by a fall from height or a **motor vehicle crash**.1 **Pilon injury** is relatively rare and constitutes approximately 5–7% of all tibial fractures.1 However, over 30% of pilon fractures are a result of **high-energy trauma**. These fractures are often associated with severe soft **tissue trauma** and concomitant polytrauma, making **treatment** ...

**Cited by:** 8

**Author:** Chenthuran Deivaraju, Richard Vlasak, ...

**Publish Year:** 2015

## Complex Tibial Plateau Fractures: Primary Fixation Using ...

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**Hybrid external fixation** is a good method for the **treatment** of **comminuted tibial plateau fractures**. It allows for **early joint movement** and reduces the risk of **serious complications**.

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## Lower extremity traction pins: Indications, technique, and ...

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Feb 01, 2002 · Materials and Methods: A total of 402 patients with **high-energy tibial fractures** **treated** using **preoperative external traction fixation** at a level-1 **trauma center** from 2014 to 2018 were enrolled in ...

## External fixation-assisted reduction for the treatment of ...

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Dec 26, 2019 · Patient 12. a–c **Preoperative** X-ray and three-dimensional reconstruction computed tomography images. d 6 months after injury. d. e **External fixation** placement. f The femoral head was