

Name of Journal: *World Journal of Orthopedics*

Manuscript NO: 33250

Manuscript Type: Case Report

Managing extremely distal periprosthetic femoral supracondylar fractures
of total knee replacements - a new PHILOSophy

Kevin J Donnelly, Adam Tucker, Angel Ruiz, Neville W Thompson

Abstract

We report two cases where a proximal humeral locking plate was used for the fixation of an extremely distal, type III peri-prosthetic femoral fractures in relation to a total knee replacement (TKR). In each case there was concern regarding the fixation that could be achieved using the available anatomic distal femoral plates due to the size and bone quality of distal fragment. The design of the Proximal Humeral Internal Locking System (PHILOS) allows nine 3.5-mm locking screws to be placed over a small area in multiple directions. This allowed a greater number of fixation points to be achieved in

Match Overview

1	Internet 19 words crawled on 06-May-2016 synapse.koreamed.org	1%
2	Crossref 15 words Knee Surgery, 2001.	1%
3	Internet 12 words crawled on 15-Sep-2009 ortho.osu.edu	1%
4	Crossref 12 words Yamamoto, Kentaroh. "Tubulopapillary adenoma of the gallbladder accompanied by bile duct tumor thrombus." J Hepatobiliary Surg 15(1): 1-6, 2001.	1%
5	Internet 12 words crawled on 05-Dec-2015 www.orthobullets.com	1%
6	Crossref 11 words Nirmal C Tejwani. "Improving Fixation of the Osteoporotic Fracture: The Role of Locked Plating." J Orthop Trauma 20(1): 1-6, 2006.	1%
7	Internet 10 words crawled on 11-Dec-2016 benthamopen.com	<1%
8	Crossref 10 words Deshmukh, Ajit, Raman Thakur, Vijay Rasquinha, and José Rodriguez. "Femoral Revision Arthroplasty: A Challenging Task." J Orthop Res 33(1): 1-6, 2015.	<1%

[全部](#)[图片](#)[视频](#)[新闻](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 2,550 条结果 (用时 0.58 秒)

Treatment of periprosthetic femur fractures with the non-contact ...

link.springer.com/article/10.1007/s00402-007-0396-6 - [翻译此页](#)

We report the application of a **new** fixed angle plate (NCB DF[®], Zimmer inc. ... Twelve patients had a **periprosthetic fracture** after **total knee replacement** **Management** of ipsilateral **supracondylar femur fractures** following **total knee arthroplasty**. ... **supracondylar** intramedullary nail for fixation of **periprosthetic distal femur** ...

Management of distal femoral periprosthetic fractures by distal femoral ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)

作者: R Thukral - 2015 - 被引用次数: 8 - [相关文章](#)

Management of **periprosthetic supracondylar femoral fractures** is difficult. ... Biological fixation, **distal femur**, locking plate, **periprosthetic fracture**, **total knee arthroplasty** ... **fractures** of **femur** after **total knee arthroplasty** (TKA) are the **most** common and **femur fractures** with the less invasive stabilization system (LISS): A **new** ...

缺少字词: [philosophy](#)

Periprosthetic fractures of the femur after total knee arthroplasty

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)

作者: P McGraw - 2010 - 被引用次数: 63 - [相关文章](#)

跳到**Management** - **Management**. The aim of treatment in **fractures** of the **distal femur** proximal to **total knee arthroplasty** is ... the knee joint, showing a **very** low **periprosthetic fracture** of the ... **New** locking plates offer advantages over conventional plates ... for the treatment of **periprosthetic supracondylar femur fractures** ...

缺少字词: [philosophy](#)

Supracondylar periprosthetic femoral fractures following total knee ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)

学术搜索

找到约 126 条结果 (用时0.28秒)

文章

小提示: 只搜索中文(简体)结果, 可在 学术搜索设置 指定搜索语言

我的图书馆

Midterm results of treatment with a retrograde nail for supracondylar periprosthetic fractures of the femur following total knee arthroplasty
J Gliatis, P Megas, E Panagiotopoulos... - Journal of orthopaedic ..., 2005 - journals.lww.com
... With a Retrograde Nail for Supracondylar Periprosthetic Fractures of the Femur Following Total

时间不限

2017以来

2016以来

2013以来

自定义范围...

Objectives: Although the short-term results of supracondylar periprosthetic fractures treated with retrograde nailing ... The aim of the study was to evaluate fracture healing and knee ...
被引用次数: 82 相关文章 所有 4 个版本 引用 保存

按相关性排序

按日期排序

Treatment of periprosthetic femur fractures with the non-contact bridging plate: a new angular stable implant
JB Erhardt, K Grob, G Roderer, A Hoffmann... - ... and trauma surgery, 2008 - Springer
... This means that the approach to the fracture is only very sparingly dissected, the ... 1 mm) combined
with a dynamic osteosynthesis technique favored uneventful fracture healing the most. ...
PubMedGoogle Scholar. 7. Chen F, Mont MA, Bachner RS (1994) Management of ipsilateral ...
被引用次数: 102 相关文章 所有 10 个版本 引用 保存

不限语言

中文网页

简体中文网页

☒ 包括专利☐ 包含引用

创建快讯

Innovations in locking plate technology
GJ Haidukewych - Journal of the American Academy of ..., 2004 - journals.lww.com
Abstract: Plating techniques remain the mainstay for managing
most periarticular and selected long b.
被引用次数: 228 相关文章 所有 4 个版本 引用 保存

Periprosthetic fractures following total knee arthroplasty: the good, bad, & ugly
DA Dennis - Orthopedics, 1998 - healio.com
... of both nonoperative and operative treatment options exist to manage supracondylar fractures (Table). ... in cases associated with loose components, severe comminution, and extremely distal fractures as well ... Management of supracondylar fractures above total knee prostheses. ...
被引用次数: 21 相关文章 所有 6 个版本 引用 保存

Revision total knee arthroplasty using large distal femoral augments for severe metaphyseal bone deficiency: a preliminary study
JR Werle, SB Goodman, SN Imrie - Orthopedics, 2002 - healio.com
... Managing severe structural femoral metaphyseal bone loss in revision total knee arthroplasty is a ... Most knee systems easily compensate for minor bone loss with augments of 5 or 10 ... distal femoral augments in revision TKA is an acceptable method to manage severe femoral

全部

图片

视频

新闻

购物

更多

设置

工具

找到约 5,010 条结果 (用时 0.67 秒)

Google 学术: Managing extremely distal periprosthetic femoral supracondylar fractures of total knee replacements – a new PHILOS

... for supracondylar periprosthetic fractures of the femur ... - Gliatis - 被引用次数: 82

Treatment of periprosthetic femur fractures with the non ... - Erhardt - 被引用次数: 102

Innovations in locking plate technology - Haidukewych - 被引用次数: 228

Periprosthetic fractures of the femur after total knee arthroplasty

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2948125/> - 翻译此页

作者: P McGraw - 2010 - 被引用次数: 63 - 相关文章

2010年7月27日 - Periprosthetic fracture following total knee arthroplasty is a ... Numerous classifications of supracondylar femoral fractures after total knee arthroplasty have been ... In summary, conservative management using a hinged cast brace and ... very low and comminuted periprosthetic fractures of the distal femur, ...

Introduction · Epidemiology and ... - Classification

Periprosthetic fractures around total knee arthroplasty - NCBI - NIH

[https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMed Central \(PMC\)](https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMedCentral(PMC)) - 翻译此页

作者: SS Sarmah - 2012 - 被引用次数: 25 - 相关文章

Treatment of a periprosthetic fracture around total knee arthroplasty will either be non-operative, ... The patella is the next most frequently affected site of PPF with an incidence of ... inclusion of a new treatment option, namely distal femoral replacement (Table 2). ... Kim et al's classification of supracondylar femoral fractures.

Distal femoral replacement in periprosthetic fracture around total knee ...

https://www.researchgate.net/.../258852239_Distal_femoral_replacement_in... - 翻译此页

3rd Phil Hopgood ... Distal femoral replacement for patients with fracture around a total knee ... distal femoral arthroplasty for the management of supracondylar periprosthetic fracture ... What is now in