



All

Images

Videos

翻译成中文

关闭取词

1,680 Results

Any time ▾

Survival, Recurrence, and Function After Epiphyseal ...

https://www.researchgate.net/publication/267728607_Survival_Recurrence_and_Function...

Survival, Recurrence, and Function After **Epiphyseal Preservation and Allograft Reconstruction** in **Osteosarcoma** of the **Knee** Article in *Clinical Orthopaedics and Related Research* 473(5) · October ...

Reconstruction of intercalary bone defect after resection ...

https://www.researchgate.net/publication/331836848_Reconstruction_of_intercalary_bone...

review of literature reveals that nonunion rates for com- ... **patients** in whom **reconstruction** was performed around the knee joint were 74.3 (51-84). ... **fibular graft**. Methods: Six **patients** with ...

Reconstruction of intercalary bone defect after resection ...

<https://journals.sagepub.com/doi/full/10.1177/2309499019832970>

Due to accurate preoperative imaging techniques, early diagnosis and effective chemotherapy, many tumors arising in the metaphyseo-diaphyseal regions of long bones can be segmentally resected with joint preservation. The intercalary resection of malignant bone tumor results in a bone defect which can represent a challenging reconstructive problem.

Author: Karem M Zekry, Norio Yama... **Publish Year:** 2019

Intercalary segmental reconstruction after bone tumor ...

<https://www.sciencedirect.com/science/article/pii/S0748798307006300>

Intercalary segmental **reconstruction** after bone tumor resection. ... **A case report**. ... T. Taguchi Combined use of **free** vascularised bone **graft** and extracorporeally-irradiated autograft for the **reconstruction** of massive bone defects after resection of malignant tumour. *J Plast Reconstr Aesthet Surg*, 60 (9) (2007), pp. 1013-1018.

Cited by: 98

Author: B. Fuhs, C. Ossendorf, T. Leer

Epiphyseal distraction and hybrid reconstruction using polymethyl methacrylate construct combined with free non-vascularized fibular graft in pediatric patients with osteosarcoma around knee: A case report

Yin-Hua Liang, Hong-Bo He, Can Zhang, Yu-Peng Liu, Jun Wan

Abstract

BACKGROUND

In children with osteosarcoma around the knee joint without epiphysis involvement, joint-sparing surgery seems to be an ideal way for the sake of retaining knee joint function. However, there are two points of debate with regard to the technique: how to accurately achieve a safe surgical margin, and how to achieve intercalary reconstruction of the massive bone defect following resection of the tumor.

CASE SUMMARY

We present the case of an eight-year-old girl with osteosarcoma of the distal femur without involvement of the epiphysis. Epiphyseal distraction was applied to separate the epiphysis and the metaphysis, and this provided a safe surgical margin. The massive bone defect was reconstructed with a custom-made antibiotic-loaded polymethyl methacrylate (PMMA) construct combined with a free non-vascularized fibular graft. Six months after surgery, bone union between the autograft and host bone was confirmed in both proximal and distal femur by computer tomography (CT) examination. Moreover, considerable callus formation was found around the PMMA construct. After 28 mo of follow-up, there was no sign of recurrence or metastasis. The patient could walk without any aid and carry out her daily life activities satisfactorily.

CONCLUSION

In cases of osteosarcoma without epiphysis involvement, epiphyseal distraction can be easily applied to obtain a safe margin. Hybrid reconstruction with an antibiotic-loaded PMMA construct combined with a free non-vascularized fibular graft has the advantages of being easy to

Match Overview

1	Internet 38 words crawled on 21-Jul-2019 online.boneandjoint.org.uk	2%
2	Crossref 24 words Wei Liu, Hong-bo He, Can Zhang, Yu-peng Liu, Jun Wan. ... "Distraction-suppression effect on osteosarcoma", Medical	1%
3	Crossref 19 words Zhao, Shi-Chang, Chang-Qing Zhang, and Chun-Lin Zhan g. "Custom-made intercalary endoprosthesis reconstructi ...	1%
4	Internet 16 words crawled on 13-Mar-2019 kanazawa-u.repo.nii.ac.jp	1%
5	Crossref 15 words Jun Wan, Can Zhang, Hong-bo He. "Is double-approach su rgery and tenodesis without a gastrocnemius flap better f ...	1%
6	Internet 15 words crawled on 23-Jul-2019 www.karger.com	1%
7	Internet 12 words crawled on 07-Mar-2019 www.wjgnet.com	<1%
8	Crossref 12 words Lei Li, Jürgen Bruns, Reinhard E. Friedrich, Rainer Schm ... zle. "Revascularized fibula for tibia replacement in adamant	<1%

Epiphyseal distraction and hybrid reconstruction using polymethyl methacrylate cc



All

Images

Videos

关闭取词

61 Results

Any time ▾

Long Bone Reconstruction with Vascularized Bone Grafts ...

https://www.researchgate.net/publication/6654350_Long_Bone_Reconstruction_with...

The purpose of this report is to describe the surgical technique and report the functional outcomes in a series of patients treated with shoulder arthrodesis using free vascularized fibular graft ...

Author: William C Pederson, David W Person

Intercalary segmental reconstruction after bone tumor ...

https://www.researchgate.net/publication/5660877_Intercalary_segmental_reconstruction...

Request PDF on ResearchGate | Intercalary segmental reconstruction after bone tumor resection |

Intercalary resection can be used for primary as well as metastatic tumors. Reconstruction options ...

Proceedings of IOACON 2014, Hyderabad 19 th-22nd ...

www.ijonline.com/article.asp?issn=0019-5413;year=2015;volume=49;issue=7;spage=1;epage=...

epage=...

In stage II and III wide excision followed by reconstruction with fibular graft was done. They were followed up for an average period of 2 years. Results: Out of 20 patients, 16 patients underwent procedures like excision with and without bone graft, and four patients underwent Enneking's procedure and reconstruction with fibular graft.

The University of Pennsylvania Orthopaedic Journal

https://upoj.org/wp-content/uploads/v29/UPOJ_v29_2019.pdf ▾

Force Variability in a Classic Distraction Technique 127 Vincent Ruggieri, BS, Patrick J Cahill, MD, John M Flynn, MD, Robert M Campbell, MD, Jason B Anari, MD Fracture Healing in Pediatric Patients with Neurofibromatosis Type 1: A Case Series and Review of the Literature 128

1. Total Publications - dpu.edu.in

dpu.edu.in/documents/publications/Publication-2014-18/Total-Publications.pdf ▾

Case Report, Brief Review, and Analysis of Cases of Rowell's Syndrome Reported from India and Abroad

Indian Journal of Dermatology Sharma, Y. K.; Chauhan, Shivanti 2018 63 5 418-423 621 Painful menses

National Journal of Homeopathy Dr. Anshu 2018 18 202 14 622 Para-plastic vitrectomy and re-directing a



All

Images

Videos

关闭取词

59 Results

Any time ▾

Intercalary segmental reconstruction after bone tumor ...

https://www.researchgate.net/publication/5660877_Intercalary_segmental_reconstruction...

Request PDF on ResearchGate | Intercalary segmental reconstruction after bone tumor resection | Intercalary resection can be used for primary as well as metastatic tumors. Reconstruction options ...

Long Bone Reconstruction with Vascularized Bone Grafts ...

https://www.researchgate.net/publication/6654350_Long_Bone_Reconstruction_with...

The purpose of this report is to describe the surgical technique and report the functional outcomes in a series of patients treated with shoulder arthrodesis using free vascularized fibular graft ...

Author: William C Pederson, David W Person

The University of Pennsylvania Orthopaedic Journal

https://upoj.org/wp-content/uploads/v29/UPOJ_v29_2019.pdf ▾

Force Variability in a Classic Distraction Technique 127 Vincent Ruggieri, BS, Patrick J Cahill, MD, John M Flynn, MD, Robert M Campbell, MD, Jason B Anari, MD Fracture Healing in Pediatric Patients with Neurofibromatosis Type 1: A Case Series and Review of the Literature 128

Proceedings of IOACON 2014, Hyderabad 19 th-22nd ...

www.ijonline.com/article.asp?issn=0019-5413;year=2015;volume=49;issue=7;spage=1;epage=...

In stage II and III wide excision followed by reconstruction with fibular graft was done. They were followed up for an average period of 2 years. Results: Out of 20 patients, 16 patients underwent procedures like excision with and without bone graft, and four patients underwent Enneking's procedure and reconstruction with fibular graft.

osteoarticular allograft reconstruction: Topics by Science.gov

www.science.gov/topicpages/o/osteoarticular+allograft+reconstruction.html ▾

Mar 19, 2018 · We report a case of ABC in a child where, after resection of the posterior spinal column of L1, we did a biological reconstruction using a posterior tension band with a segment of fascia lata allograft in tension between T12 and L2. After the long term follow up, X-ray and MRI controls showed a satisfactory alignment of the spine and no local ...

suture fixation technique: Topics by Science.gov

May 17, 2018

soft tissue bone: Topics by Science.gov

May 01, 2018