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Retrospective Study

**Soft tissue release combined with joint-sparing osteotomy for treatment of
cavovarus foot deformity in older children: Analysis of 21 cases**

Chen ZY *et al.* Treatment of cavovarus foot deformity in older children

Zhen-Yu Chen, Zhan-Yong Wu, Yue-Hui An, Li-Fei Dong, Jia He, Run Chen

Abstract

Match Overview

1 **Crossref** 23 words
"Minimally Invasive Surgery of the Foot and Ankle", Springer
Nature, 2011

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Joint-Sparing Correction for Idiopathic Cavus Foot - Foot ...

[https://www.foot.theclinics.com/article/S1083-7515\(13\)00074-0/fulltext](https://www.foot.theclinics.com/article/S1083-7515(13)00074-0/fulltext)

Adult **cavovarus deformity** patients present with rigid **cavovarus deformity**, where the correction can no longer be obtained using **soft tissue** procedures alone, and corrective arthrodesis or **osteotomy** must be performed to realign the **deformity**. Reconstructive surgeries for **cavovarus foot** deformities are variable and include hindfoot or midfoot **osteotomy** or arthrodesis, **soft tissue release** or ...

Cited by: 5

Author: Hong-Geun Jung, Jong-Tae Park, Sang-H...

Publish Year: 2013

Osteotomies of the Foot for Cavus Deformities in Children ...

https://www.researchgate.net/publication/24218679_Osteotomies_of_the_Foot_for_Cavus...

Osteotomies of the **Foot** for Cavus Deformities in Children. ... may be classified as **soft tissue release**, **osteotomy**, ... are often **combined** to treat paralytic **cavovarus foot deformity**. The purpose ...

Pes Cavus Surgery | Podiatry Arena

<https://podiatryarena.com/index.php?threads/pes-cavus-surgery.6587> ▾

Feb 27, 2019 · For the **treatment** of rigid pes cavus **deformity**, extra-articular midfoot **osteotomy** **combined** with adjacent **joint sparing** internal fixation is effective and safe. This surgical technique is especially effective with low rates of arthritic degeneration and joint stiffness in the adjacent joints and little reduction of ankle and **foot** flexibility.

Orthopaedic management of spina bifida—part II: foot and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3221758>

Sep 20, 2011 · **Foot deformity** can also cause skin irritation, which may lead to breakdown and pressure sores. In a patient with the potential for ambulation, the goal of the **treatment** of **foot deformity** in spina bifida is a plantigrade, supple, and braceable **foot** with maximally preserved range of motion.

Cited by: 24

Author: Vineeta T. Swaroop, Luciano Dias

Publish Year: 2011

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Start studying LE Exam 2 - Hips Don't Lie. Learn vocabulary, terms, and more with flashcards, games, and other study tools. ... Used if conservative **treatment** fails **Soft tissue release**, synovectomy, **osteotomy**, growth plate stapling, total joint replacement ... •Often used with **older children**, primarily those with developmental disabilities ...



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Although **cavovarus deformity** in children is usually flexible and can be treated with soft tissue procedures, the deformity becomes fixed with time. Adult patients present with rigid **cavovarus deformity**, where the correction can no longer be obtained using soft tissue procedures alone, and **corrective arthrodesis** or osteotomy must be performed to realign the deformity.

Cited by: 5

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Feb 27, 2019 - For the treatment of **rigid pes cavus deformity**, extra-articular midfoot osteotomy combined with adjacent joint sparing internal fixation is effective and safe. This surgical technique is especially effective with low rates of **arthritic degeneration** and joint stiffness in the adjacent joints and little reduction of **ankle and foot flexibility**.

Correction of complex foot deformities using the V ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2321725>

Traditionally, correction of these deformities can be achieved by extensive soft tissue releases, osteotomies or **arthrodesis** with or without internal fixation. This usually involves excision of large appropriate **bony wedges** and has many disadvantages, including **neurovascular injury**, **soft tissue problems** and a shortened foot.

Cited by: 19

Author: H. Shalaby, H. Hefny

Publish Year: 2007

Combined calcaneal and metatarsal osteotomies for the ...

https://www.researchgate.net/publication/11660751_Combined_calcaneal_and_metatarsal...

Cavovarus foot can be painful and disabling owing to **deformity** and instability. A method of surgical correction is presented with osteotomies of the forefoot and the hindfoot. The

Joint sparing correction of cavovarus feet in Charcot ...

https://www.academia.edu/24303717/Joint_sparing_correction_of_cavovarus_feet_in... ▼

Nonunion or **redisplacement** have not been seen with this technique. Forefoot and Midfoot Osteotomies The position of joints that are passively correctable are corrected by soft-tissue balancing.



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Soft tissue release combined with joint-sparing osteotomy fo



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Correction of complex foot deformities using the V ...

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Complex **foot deformity** is a multiplanar **deformity** with or without **foot** shortening. It also includes deformed feet with poor **soft-tissue** coverage, relapsed or neglected **cases**, and those with accompanying problems such as leg-length discrepancy, lower leg **deformity**, osteomyelitis and nonunions.

Cited by: 19

Author: H. Shalaby, H. Hefny

Publish Year: 2007

Surgical Treatment of Severe Cavovarus Foot Deformity in ...

https://www.researchgate.net/publication/279222331_Surgical_Treatment_of_Severe...

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