



25246-Review

 Quotes Included
 Bibliography Included

 7%
 SIMILAR
Name of Journal: *World Journal of Clinical Pediatrics*

ESPS Manuscript NO: 25246

Manuscript Type: Editorial

 Transitioning antimicrobials from intravenous to oral in pediatric acute
 uncomplicated osteomyelitis

Nathan Batchelder, Tsz-Yin So

Abstract

Osteomyelitis is a bone infection that requires prolonged antibiotic treatment and potential surgical intervention. ⁵ in left untreated, acute osteomyelitis can lead to chronic osteomyelitis and overwhelming sepsis. Early treatment is necessary to prevent complications, and the standard of care is progressing to a shorter duration of intravenous antibiotics and transitioning to oral therapy for the rest of the treatment course. We systematically reviewed the current literature on pediatric patients with acute osteomyelitis to determine when and how to transition to oral antibiotics from a short IV course. Studies have shown that switching to oral after a short course (i.e. 3-7 days) of intravenous therapy has similar cure rates to continuing long-term intravenous therapy. Prolonged IV use is also associated with increased risk of complications. Parameters that help guide clinicians on making the switch include a downward trend in fever, improvement in local tenderness, and a normalization in C-reactive protein concentration. Based on the available literature, we recommend transitioning

Match Overview

1	CrossCheck 94 words Peltola, Heikki, and Markus Pääkkönen. "Acute Osteomyelitis in Children", New England Journal of Medicine, 2014.	2%
2	Internet 72 words crawled on 04-Nov-2013 pediatrics.aappublications.org	2%
3	Internet 30 words crawled on 19-Mar-2010 www.ncbi.nlm.nih.gov	1%
4	CrossCheck 24 words Nicole Le Saux, BMC Infectious Diseases, 2002	1%
5	CrossCheck 22 words Nikolaos S Pettas. "Primary sternal osteomyelitis in a 40 ... ys old infant: a case report and review of the literature", C	1%
6	CrossCheck 12 words Bonfioli, Adriana A., and Fernando Orefice. "Toxoplasmosi s", Seminars in Ophthalmology, 2005.	<1%

全部

图片

新闻

视频

购物

更多 ▾

搜索工具

找到约 12,200 条结果 (用时 0.59 秒)

Google 学术: An Evidence-Based Approach to Transitioning Antimicrobials from Intravenous to Oral in Pediatric Patients with Acute Uncomplicated Osteomyelitis

... musculoskeletal infection: trends and antibiotic ... - Copley - 被引用次数: 20

... haematogenous bacterial osteomyelitis in children - Howard-Jones - 被引用次数: 7

... at discharge for children with acute osteomyelitis: a ... - Brady - 被引用次数: 3

Journal of Pediatric Orthopaedics

journals.lww.com/.../_layouts/15/.../articleviewer.aspx?... - 翻译此页

The Use of C-reactive Protein as a Guide for Transitioning to Oral Antibiotics in ... to safely transition from IV to oral antibiotics in pediatric osteoarticular infections. ... of age treated at KKH for acute bacterial osteomyelitis and/or septic arthritis. ... the vast majority of patients had uncomplicated outcomes, with only 1 patient ...

The Use of C-reactive Protein as a Guide for Transitioning t ...

pdfs.journals.lww.com/.../The_Use_of_C_reactive_Protein_as_a... - 翻译此页

C-reactive protein (CRP) is an acute phase reactant with a short half-life and is utilized at our ... The average duration of intravenous antibiotics was 11.00 ± 5.61 days and the ... Early treatment of pediatric osteomyelitis and septic arthritis, henceforth ... Evidence suggests that the transition to oral therapy can be guided by ...

[全部](#)[图片](#)[新闻](#)[视频](#)[地图](#)[更多 ▾](#)[搜索工具](#)[已入](#)

找到约 12,800 条结果 (用时 0.68 秒)

Google 学术: Transitioning antimicrobials from intravenous to oral in pediatric acute uncomplicated osteomyelitis

... antimicrobial therapy for acute osteomyelitis in children - Zaoutis - 被引用次数: 97

... musculoskeletal infection: trends and antibiotic ... - Copley - 被引用次数: 20

... haematogenous bacterial osteomyelitis in children - Howard-Jones - 被引用次数: 7

prolonged intravenous therapy versus early transition to oral ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ [翻译此页](#)

作者: T Zaoutis - 2009 - 被引用次数: 97 - 相关文章

Early transition from intravenous to oral antimicrobial therapy for acute osteomyelitis ... To define a cohort of children with uncomplicated, acute osteomyelitis, we ...

Early Transition to Oral Antibiotics or IV Therapy in Children ...

www.medscape.com/viewarticle/705072 ▾ [翻译此页](#)

2009年7月6日 - Prolonged Intravenous Therapy Versus Early Transition to Oral Antimicrobial Therapy for Acute Osteomyelitis in Children ... early transition to oral antibiotics in otherwise healthy children with uncomplicated osteomyelitis is as ...

Route and Length of Therapy of Acute Uncomplicated ...

hosppeds.aappublications.org/content/4/1/44 - [翻译此页](#)

全部 图片 新闻 视频 地图 更多 ▾ 搜索工具

找到约 13,600 条结果 (用时 0.69 秒)

Google 学术: Transitioning antimicrobials from intravenous to oral in pediatric acute uncomplicated osteomyelitis

... antimicrobial therapy for acute osteomyelitis in children - Zaoutis - 被引用次数: 96

... musculoskeletal infection: trends and antibiotic ... - Copley - 被引用次数: 20

... haematogenous bacterial osteomyelitis in children - Howard-Jones - 被引用次数: 7

prolonged intravenous therapy versus early transition to oral ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ 翻译此页

作者: T Zaoutis - 2009 - 被引用次数: 97 - 相关文章

Early transition from intravenous to oral antimicrobial therapy for acute osteomyelitis ... To define a cohort of children with uncomplicated, acute osteomyelitis, we ...

Early Transition to Oral Antibiotics or IV Therapy in Children ...

www.medscape.com/viewarticle/705072 ▾ 翻译此页

2009年7月6日 - Prolonged Intravenous Therapy Versus Early Transition to Oral Antimicrobial Therapy for Acute Osteomyelitis in Children ... early transition to oral antibiotics in otherwise healthy children with uncomplicated osteomyelitis is as ...

Route and Length of Therapy of Acute Uncomplicated ...

hosppeds.aappublications.org/content/4/1/44 - 翻译此页

作者: J Majewski - 2014 - 被引用次数: 2 - 相关文章

Acute hematogenous osteomyelitis (AHOM) is not uncommonly encountered in ... to use short-course IV therapy in uncomplicated AHOM in pediatric patients? and For children with uncomplicated AHOM, transition to oral antibiotics should ...