

Match Overview

- 1** **Crossref** 26 words
Andréa Cara, Mathilde Ballet, Claire Hemery, Tristan Ferry, Frédéric Laurent, Jérôme Josse. "Antibiotics in Bone Cements" 1%
- 2** **Crossref** 25 words
Geert T. Ensing, Jim R. van Horn, Henny C. van der Mei, Henk J. Busscher, Daniëlle Neut. "Copal Bone Cement Is More ..." 1%
- 3** **Crossref** 16 words
Pablo Sanz-Ruiz, Christof Berberich. "Infection Risk-Adjusted Antibiotic Prophylaxis Strategies in Art" <1%

Name of Journal: *World Journal of Orthopedics*

Manuscript NO: 61761

Manuscript Type: MINIREVIEWS

**Dual antibiotic loaded bone cement in patients at high infection risks in arthroplasty:
Rationale of use for prophylaxis and scientific evidence**

Berberich *et al.* Minireview prophylactic efficacy of dual ALBC

Abstract

In view of the demographic changes and projected increase of arthroplasty procedures worldwide, the number of prosthetic joint infection (PJI) cases will naturally grow. Therefore, in order to counteract this trend more rigid rules and a stricter implementation of effective preventive strategies is of highest importance. In the absence of a "miracle weapon" priorities should lie in evidence-based measures including preoperative optimization of patients at higher infection risks, the fulfilment of strict hygiene rules in the operating theatre and an effective antibiotic prophylaxis

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Dec 01, 2020 · Among the measures discussed to better protect those **patients** from the higher **infection risks** use of **dual antibiotic-loaded bone cement** has emerged as a further prophylactic option. Methods This retrospective study included 246 **patients** undergoing strictly aseptic revision knee **arthroplasty** at our institution in the time period 2015-2018.

Cited by: 1 **Author:** Pablo Sanz-Ruiz, Pablo Sanz-Ruiz, José...

Publish Year: 2020

[Full text] Infection Risk-Adjusted Antibiotic Prophylaxis ...

<https://www.dovepress.com/infection-risk-adjusted...> ▼

We further present preliminary **evidence** that the **use** of a reinforced local **antibiotic prophylaxis** regimen with **high-dose dual antibiotic-loaded bone cement** may be an effective and easy-to-apply option **in patients at high infection risks**. Keywords: **arthroplasty**, prosthetic joint **infection**, **antibiotic prophylaxis**, risk for **infection**, risk ...

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Cited by: 1 Author: Pablo Sanz-Ruiz, Pablo Sanz-Ruiz, José... Publish Year: 2020

Adjuvant antibiotic-loaded bone cement: Concerns with ...

https://www.onlinelibrary.wiley.com/doi/full/10.1002/jor.24616

Antibiotic-loaded bone cement (ALBC) is broadly used to treat orthopaedic infections based on the rationale that high-dose local delivery is essential to eradicate biofilm-associated bacteria. ... or low-dose ALBC for use during primary arthroplasty as a prophylaxis, or in the second stage reconstruction for MSKI. ... pathway to seek ...

Cited by: 12 Author: Edward M. Schwarz, Alex C. McLaren, T... Publish Year: 2021

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Feedback

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