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**Manuscript NO:** 55479

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*Randomized Controlled Trial*

**Patients' perspectives on the conventional synthetic cast *vs* a newly developed open cast for ankle sprains**

Min BC *et al.* Utility of opencast

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Aug 30, 2020 · One of the factors involved in relapse is the type of fixation method applied for bone fragments, and adjustment of the proximal segment, including the mandibular condyle, is the most crucial factor affecting skeletal stability and relapse after OGS [3,4]. Postoperative relapse is affected by changes in the position and shape of the condyle, as well as the movement of the bone fragments at the ...

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We noted clinically important benefits at 3 months in quality of **ankle** function with the **cast** compared with

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INTRODUCTION. Ankle fractures are very common, with a prevalence of 154 fractures per 100,000 inhabitants per year.<sup>1</sup> It is estimated that between 30 and 40% of metal osteosynthesis performed are removed after fracture healing. The bioabsorbable osteosynthesis are an option to avoid the high rate of removal of synthetic material.

Cited by: 1

Author: Guilherme Pelosini Gaiarsa, Paulo Rober...

Publish Year: 2015

## [Diagnosis, treatment and prevention of ankle sprains ...](#)

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Aug 01, 2018 · This guideline aimed to advance current understandings regarding the diagnosis, prevention and therapeutic interventions for ankle sprains by updating the existing guideline and incorporate new research. A secondary objective was to provide an update related to the cost-effectiveness of diagnostic procedures, therapeutic interventions and prevention strategies.

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Author: Keith Willett, David J. Keene, Dipesh Mist...

Publish Year: 2016

## Diagnosis, treatment and prevention of ankle sprains ...

<https://bjsm.bmj.com/content/52/15/956> ▾

Aug 01, 2018 · Introduction. A lateral **ankle** sprain (LAS) is a frequently incurred musculoskeletal injury, with a high prevalence among the general population and individuals who participate in sports.<sup>1 2</sup> About 40% of all traumatic **ankle** injuries occur during sports. For indoor sports, an incidence of 7 LAS per 1000 exposures has been reported.<sup>3</sup> Despite the high prevalence and incidence of LAS injuries, it ...

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Author: Gwendolyn Vuurberg, Alexander Hoorntje...

Publish Year: 2018

## Diagnosis, treatment and prevention of ankle sprains: an ...

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Sep 01, 2012 · **Ankle** injuries are a huge medical and socioeconomic problem. Many people have a traumatic injury of the **ankle**, most of which are a result of sports. Total costs of treatment and work absenteeism due to **ankle** injuries are high. The prevention of recurrences can result in large savings on medical costs. A multidisciplinary clinical practice guideline was **developed** with the aim to prevent ...

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Author: Gino M. Kerkhoffs, Michel van den Beker...

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Armstrong first used the term "instant total contact **cast**," or iTCC, in a paper written in 2002.<sup>17</sup> In a later study in 2005, Armstrong et al compared removable and non-removable walkers for healing of diabetic foot ulcers.<sup>18</sup> They demonstrated complete healing at 12 weeks in 92.6% of patients in the instant