

Endoscopic fasciotomy for chronic exertional compartment ...

<https://www.sciencedirect.com/science/article/pii/S2468122920300402>

May 01, 2020 · Endoscopic fasciotomy for chronic exertional compartment syndrome of the forearm: Clinical results of a new technique using an endoscopic carpal tunnel release device
Fasciotomie endoscopique dans le syndrome de loges chronique d'effort à l'avant-bras: présentation d'une nouvelle technique avec l'ancillaire de libération endoscopique du canal carpien et résultats ...

Author: J. Ruyer, V. Rutka, J. Garret, C. Rizzo... Publish Year: 2020

Endoscopic Compartment Release for Chronic Exertional ...

<https://journals.sagepub.com/doi/abs/10.1177/0363546510363415>

Apr 16, 2010 · Background: Chronic exertional compartment syndrome is an entity that typically fails nonoperative management and requires operative treatment with fasciotomies for return to activity. Fasciotomies performed through single or multiple incisions may fail to totally release the fascia of the afflicted compartment(s) and may result in injury to neurovascular structures that cannot be visualized.

Cited by: 69 Author: Jocelyn Wittstein, Claude T. Moorman, L....

Publish Year: 2010

A systematic review of fasciotomy in chronic exertional ...

[https://www.jvascsurg.org/article/S0741-5214\(20\)31285-4/fulltext](https://www.jvascsurg.org/article/S0741-5214(20)31285-4/fulltext)

May 26, 2020 · However, fasciotomy appears to be a safe approach, with satisfaction rates of 48% to 94%. Complications related to the fasciotomy included hematomas (2.7%-22.5%), nerve injuries (2.0%-18.6%), deep venous thrombosis (2.7%), and symptom recurrence (0.65%-8.4%). Up to 10.4% of patients required revision fasciotomy.

Cited by: 1 Author: Anni Ding, Matthew Machin, Sarah Onida...

Publish Year: 2020

Endoscopic Fascia Release for Forearm Chronic Exertional ...

<https://journals.sagepub.com/doi/abs/10.1177/1558944716669799>

Sep 16, 2016 · Background: Chronic exertional compartment syndrome (CECS) of the forearm is traditionally treated with open compartment release requiring large incisions that can result in less than optimal esthetic results. The purpose of this study is to describe a case report of 2 professional motocross patients with forearm CECS treated endoscopically using a minimally invasive technique.

Cited by: 3 Author: Elizabeth A. Miller, Anna L. Cobb, Tyson ...

Endoscopic fasciotomy for chronic exertional compartment ...

<https://www.sciencedirect.com/science/article/pii/S2468122920300402>

Cited by: 2

Author: J. Royer, V. Rutka, J. Garret, C. Rizzo, V. Gui...

Publish Year: 2020

May 01, 2020 - Exertional compartment syndrome of the forearm is a rare pathology, occurring almost exclusively in motorcycle racers. The results of endoscopic techniques are similar to those of open fasciotomies, but they are less invasive and leave smaller scars.

Endoscopic Thermal Fasciotomy for Chronic Exertional ...

<https://www.sciencedirect.com/science/article/pii/S221262871500078X>

Cited by: 6

Author: Pramod B. Voleti, Drake G. Lebrun, Camero...

Publish Year: 2015

Oct 01, 2015 - Chronic exertional compartment syndrome (CECS) is a debilitating activity-induced condition that may occur in recreational or competitive athletes.1, 2 The syndrome is characterized by a supraphysiological increase in intracompartmental pressures during exercise, which results in decreased perfusion and symptoms of reversible ischemia, such as pain, cramping, numbness, or weakness. 3 ...

PEOPLE ALSO ASK

- What is the treatment for chronic exertional compartment syndrome? ▾
- What is compartment syndrome (CECS)? ▾

Compartment Syndrome

Medical Condition

Pressure build-up in muscle tissue, usually caused by bleeding or swelling after an injury



- A deep aching pain in arm or leg
- Swelling and tightness
- Numbness


Increased pressure in a muscle compartment causing muscle and nerve damage along with pain.

- 📊 Very rare (Fewer than 20,000 cases per year in US)
- 👤 Often requires lab test or imaging
- 🏥 Treatment from medical professional advised
- ⌚ Can last several months or years

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Name of Journal: *World Journal of Orthopedics*

Manuscript NO: 62805

Manuscript Type: SYSTEMATIC REVIEWS

**Endoscopic fasciotomy for chronic exertional compartment syndrome of the forearm:
Systematic review of outcomes and complications**

Marwan Y *et al.* Endoscopic fasciotomy of the forearm

Yousef Marwan, Abdullah Addar, Nizar Algarni, Nabil Algarni, Mark Burman, Paul A Martineau

Abstract
BACKGROUND

Match Overview

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Publish Year: 2015

PEOPLE ALSO ASK

How is a partial fasciectomy different from an open fasciotomy?



What is compartment syndrome (CECS)?



What is the treatment for chronic exertional compartment syndrome?



Where is compartment syndrome rehabilitation?



Feedback

A systematic review of fasciotomy in chronic exertional ...

<https://www.researchgate.net/publication/341676572...>

Complications related to the fasciotomy included haematomas (2.7- 22.5%), nerve injuries (2.0 -18.6%), DVT (2.7%) and symptom recurrence (0.65- 8.4%). Up to 10.4% patients required revision...

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