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Manuscript Type: ORIGINAL ARTICLE

Randomized Controlled Trial

Single- and double-dose of platelet-rich plasma versus hyaluronic acid for treatment of knee osteoarthritis: A randomized controlled trial

Tavassoli M *et al.* Platelet-rich plasma vs. hyaluronic acid for knee osteoarthritis treatment

Mehdi Tavassoli, Nasser Janmohammadi, Akram Hosseini, Soraya Khafri, Seyed Mokhtar Esmailnejad-Ganji

Abstract

BACKGROUND

Platelet-rich plasma (PRP) and hyaluronic acid have been shown to be useful in the treatment of knee osteoarthritis, however, investigations comparing the efficacy of these

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Knee Osteoarthritis Injection Choices: Platelet- Rich ...

www.ncbi.nlm.nih.gov › ... › v.8; 2015

Jan 07, 2015 · Vaquerizo V, Plasencia MÁ, Arribas I, et al. Comparison of intra-articular **injections** of **plasma** rich in growth factors (PRGF-Endoret) **versus** durolane **hyaluronic acid** in the **treatment** of patients with symptomatic **osteoarthritis**: a **randomized controlled trial**.

Cited by: 120

Author: Seyed Ahmad Raeissadat, Seyed Manso...

Publish Year: 2015

Platelet rich plasma versus hyaluronic acid in patients ...

<https://www.sciencedirect.com/science/article/pii/S1743919118306770>

Platelet rich **plasma versus hyaluronic acid** in patients with hip **osteoarthritis**: A meta-analysis of **randomized controlled trials** ... Therefore, a meta-analysis from **randomized controlled trials** (RCTs) was performed to evaluate the efficacy and safety of intra-articular **injection** of PRP compared to HA for the **treatment** of **osteoarthritis** of the ...

Cited by: 3

Author: Ye Ye, Xiang Zhou, Shuiwei Mao, Jun Zha...

Publish Year: 2018

Platelet-Rich Plasma Versus Hyaluronic Acid Injections for ...

<https://journals.sagepub.com/doi/full/10.1177/0363546518814532>

Hyaluronic acid versus platelet-rich plasma: a prospective, double-blind **randomized controlled trial** comparing clinical outcomes and effects on intra-articular biology for the **treatment** of **knee osteoarthritis**.

Author: Alessandro Di Martino, Berardo Di Ma... Publish Year: 2018

[PDF] Randomized controlled trial comparing hyaluronic acid ...

https://www.orthohealing.com/about/research/pdf/PRP+HA_knee_OA_.pdf

Randomized controlled trial comparing **hyaluronic acid**, platelet-rich **plasma** and the combination of both in the **treatment** of mild and moderate **osteoarthritis** of the **knee** Introduction **Osteoarthritis** of the **knee** joint has a great impact on physical performance and is considered one of the ten major causes of

Platelet-rich plasma vs hyaluronic acid to treat knee ...

<https://bmcmusculoskeletdisord.biomedcentral.com/articles/10.1186/...> ▼

Nov 23, 2012 · The procedure consisted of a **150-ml venous** blood sample for every knee **treated**. Then, **2 centrifugations** (the first at 1480 rpm for 6 minutes to separate **erythrocytes**, and a second at 3400 rpm for 15 minutes to concentrate **platelets**) produced a unit (20 ml) of PRP.

Cited by: 273

Author: Giuseppe Filardo, Elizaveta Kon, Alessan...

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Intra-articular platelet-rich plasma versus hyaluronic acid in the ... - NCBI

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作者: H Zhang - 2018 - 被引用次数: 14 - 相关文章

2018年3月5日 - PRP injections reduced pain more effectively than HA injections in OA of the ...

Keywords: knee, osteoarthritis, hyaluronic acid, platelet-rich plasma ... knee for PRP compared to HA in a randomized controlled trial.20 However, HA with multiple- or single-dose PRP.29 There were no differences between ...

Randomized controlled trial comparing hyaluronic acid, platelet-rich ...

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Randomized controlled trial comparing hyaluronic acid, platelet-rich plasma ... Standard conservative treatments for knee osteoarthritis include: weight loss, However, in Brazil we have extreme population miscegenation and arthritis does not ... It was verified that the groups treated with a single or double injection of PRP ...

[Full text] Intra-articular platelet-rich plasma versus hyaluronic acid in ...

<https://www.dovepress.com/intra-articular-platelet-rich-plasma-versus-hyalur...> ▼ 翻译此页

2018年3月5日 - Keywords: knee, osteoarthritis, hyaluronic acid, platelet-rich plasma. ... versus hyaluronic acid in the treatment of knee osteoarthritis: a ... of the knee for PRP compared to HA in a randomized controlled trial. In a prospective, randomized trial, Gormeli et al compared HA with multiple- or single-dose PRP.

Meta-analysis Comparing Platelet-Rich Plasma vs Hyaluronic Acid ...

<https://academic.oup.com/painmedicine/advance-article/doi/10.../5372482> - 翻译此页

作者: Y Han - 相关文章

2019年3月7日 - Randomized controlled trials (RCTs) comparing the use of PRP and HA in KOA patients were retrieved from each database from the ...

Intra-articular Injection of Platelet-Rich Plasma Is Superior to ...

[https://www.arthroscopyjournal.org/article/S0749-8063\(18\)30523.../fulltext](https://www.arthroscopyjournal.org/article/S0749-8063(18)30523.../fulltext) - 翻译此页

作者: KY Lin - 2019 - 被引用次数: 3 - 相关文章

Level I, randomized controlled single-center trial. ... of intra-articular hyaluronic acid (HA) injection for



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Efficacy of Platelet-Rich Plasma versus Hyaluronic Acid ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4844477>

Mar 25, 2016 · The aim of this study was to investigate the efficiency of platelet-rich plasma versus hyaluronic acid for the treatment of knee osteoarthritis. Methods Pubmed, Cochran library, Scopus and Ovid databases were investigated to identify related studies from 2000 through August 2015.

Cited by: 19

Author: Hassan Niroomand Sadabad, Masoud Be...

Publish Year: 2016

Platelet-Rich Plasma Versus Hyaluronic Acid Injections for ...

<https://journals.sagepub.com/doi/abs/10.1177/0363546518814532>

Dec 13, 2018 · Hyaluronic acid versus platelet-rich plasma: a prospective, double-blind randomized controlled trial comparing clinical outcomes and effects on intra-articular biology for the treatment of knee osteoarthritis.

Author: Alessandro Di Martino, Berardo Di Ma...

Publish Year: 2019

Knee Osteoarthritis Injection Choices: Platelet- Rich ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4287055>

Jan 07, 2015 · Knee Osteoarthritis Injection Choices: Platelet- Rich Plasma (PRP) Versus Hyaluronic Acid (A one-year randomized clinical trial) Seyed Ahmad Raeissadat , 1 Seyed Mansoor Rayegani , 2 Hossein Hassanabadi , 3 Mohammad Fathi , 4 Elham Ghorbani , 5 Marzieh Babaee , 5 ...

Cited by: 145

Author: Seyed Ahmad Raeissadat, Seyed Manso...

Publish Year: 2015

Intra-articular Injection of Platelet-Rich Plasma Is ...

<https://www.sciencedirect.com/science/article/pii/S0749806318305231>

Purpose. To prospectively compare the efficacy of intra-articular injections of platelet-rich plasma (PRP) and hyaluronic acid (HA) with a sham control group (normal saline solution [NS]) for knee osteoarthritis in a randomized, dose-controlled, placebo-controlled, double-blind, triple-parallel clinical trial.

Cited by: 1

Author: Kuan Yu Lin, Kuan Yu Lin, Chia Chi Yang...

Publish Year: 2019

Selecting POEMs Studies from the Larger Body of Evidence ...

<https://www.aafp.org/afp/2017/1101/p565.html> ▾

Selecting POEMs Studies from the Larger Body of Evidence ... the article cited a randomized controlled trial ... Efficacy of platelet-rich plasma versus hyaluronic acid for treatment of knee ...