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Manuscript NO: 67802

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Jumbo Cup in hip joint renovation may cause the center of rotation to increase

Peng YW *et al.* Jumbo Cup in hip joint renovation

Ya-Wen Peng, Jun-Min Shen, Yan-Chao Zhang, Jing-Yang Sun, Yin-Qiao Du, Yong-Gang Zhou

Abstract

BACKGROUND

Utilizing the large Jumbo Cup in revision total hip arthroplasty is an effective approach

Match Overview

1	Crossref 124 words Chima Nwankwo, Nick N. Dong, Christopher D. Heffernan, Michael D. Ries. "Do Jumbo Cups Cause Hip Center Elevatic...	4%
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Nov 06, 2007 · Biomechanical analysis had demonstrated detrimental effect of the high **hip center**. Impaired abductor muscles function **may cause** limping and a greater load to the **hip joint may** have an adverse effect on implant longevity [1, 10]. **The jumbo cup** provides a larger outer circumference for the implants to be seated in a more anatomic position.

Cited by: 24**Author:** Cheng-Yu Fan, Wei-Ming Chen, Oca...**Publish Year:** 2008

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Cited by: 7**Author:** Asim Qamar Ahmad, Ran Schwarzkopf**Publish Year:** 2015

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Nov 30, 2016 · The utility of hemispherical shells is expanded by utilizing a **jumbo cup** with a slightly high **hip center**. 4–9 The recent introduction of ultraporous metal surfaces with superior bone ingrowth capability has further increased the capabilities of cementless hemispherical acetabular revision. 2,3,10–20

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Overall, **hip** external–internal **rotation** with increased **cup** anteversion and with different **cup** inclinations increased an average of 3.5° moving from the 28-mm to the 38-mm femoral head. The latter led to a maximum **increase** in the external (9°) and internal **rotation** (12°) in the presence of a **cup** inclination of 55°.

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Revision Total Hip Arthroplasty - TeachMe Orthopedics

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Author: Asim Qamar Ahmad, Ran Schwarzkopf

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(PDF) Dislocation After Total Hip Arthroplasty

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Sep 01, 2004 · Dislocation is one of the most common complications after total hip arthroplasty (THA). Risk factors include neuromuscular and cognitive disorders, patient non-compliance, and previous hip ...

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[Instability after Total Hip Replacement - ScienceDirect](#)

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Jun 01, 2005 · Total **hip** arthroplasty is a commonly performed procedure with predictable results for the treatment of **hip** arthrosis.1, 2, 3 Instability is the second most common complication of total **hip**...

Cited by: 10

Author: Roy Abraham, Arthur L. Malkani

Publish Year: 2005