

Name of journal: *World Journal of Orthopedics*

ESPS Manuscript NO: 16223

Manuscript Type: Original Article

Prospective Study

Effect of body mass index on functional outcomes following arthroplasty procedures

Gökhan Polat, Hasan Huseyin Ceylan, Şafak Sayar, Fatih Küçükdurmaz, Mehmet Erdil, İbrahim Tuncay

Abstract

AIM: To evaluate the BMI changes of arthroplasty patients and impact of this to the patients' functional results.

METHODS: Between October 2010 and May 2013, 606 patients who were operated due to gonarthrosis, coxarthrosis, aseptic loosening of the total knee and hip prosthesis were evaluated prospectively. Patients were operated by three surgeons in three medical centers. Patients who were between 50-65 years of age and who were underwent total knee arthroplasty (TKA), total hip arthroplasty (THA), revision knee arthroplasty (RTKA), revision hip arthroplasty (RHA) were included to our study. We excluded the patients who can not tolerate the our standard postoperative rehabilitation program. Additionally, patients who had systemic inflammatory diseases, diabetes mellitus, endocrinopathies etc. were excluded from the study. Remaining 513 patients composed our study group. At the preoperative period, functional joint scores, height, weight and body mass indexes of all patients were noted. We used the Knee Society Score (KSS) for

Match Overview

1	Internet 64 words crawled on 02-Apr-2015 www.ncbi.nlm.nih.gov	2%
2	Internet 47 words crawled on 07-Aug-2006 www.orthoweb.be	1%
3	CrossCheck 37 words "Posters", <i>Knee Surgery Sports Traumatology Arthroscopy</i> , 06/2010	1%
4	Publications 27 words POLAT, Gökhan; DIKMEN, Göksef; ERDİL, Mehmet and AŞIK, Mehmet. "Arthroscopic treatment of femoroaceta..."	1%
5	Internet 23 words crawled on 30-May-2014 www.valeriosansone.com	1%
6	CrossCheck 18 words T. Ibrahim. "No influence of body mass index on early outcome following total hip arthroplasty", <i>International Orth</i>	1%
7	Internet 16 words crawled on 03-Oct-2013 icjr.net	<1%
8	CrossCheck 15 words FR Middleton. "Total hip arthroplasty does not aid weight loss", <i>Annals of The Royal College of Surgeons of Engla</i>	<1%
9	Publications 14 words DERE, Didem; PAKER, Nurdan; BUĞDAYCI SOY, Derya and DEMİRCİOĞLU TEKDOŞ, Dernet. "Effect of body ma	<1%
10	CrossCheck 13 words Riddle, D.L., J.A. Singh, W.S. Harmsen, C.D. Schleck, and D.C. Lewallen. "Clinically important body weight gain	<1%



[网页](#) [新闻](#) [图片](#) [视频](#) [购物](#) [更多](#) [搜索工具](#)

找到约 723,000 条结果 (用时 0.53 秒)

Cookie有助于我们提供服务。使用我们的服务，即表示您同意我们使用Cookie。

[了解详情](#) [知道了](#)

Google 学术: **Effect of body mass index on functional outcomes following arthroplasty procedures**

Body mass index as a predictor of outcome in total ... - Spicer - 被引用次数: 147

... knee replacement. results of the knee replacement ... - Hawker - 被引用次数: 499

The functional outcomes of total knee arthroplasty - Kane - 被引用次数: 157

Impact of Body Mass Index on Functional Performance After ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) [▼ 翻译此页](#)

作者: JE Stevens-Lapsley - 2010 - 被引用次数: 30 - [相关文章](#)

2009年10月30日 - **Impact of Body Mass Index on Functional Performance After Total Knee Arthroplasty** ... Total knee arthroplasty (TKA) is one of the most common elective surgical procedures to alleviate pain and disability associated with ... the impact of BMI on functional performance and self-report outcomes after TKA.

Obesity and long term functional outcomes following ...

www.josr-online.com/content/7/1/16 [▼ 翻译此页](#)

作者: HK Vincent - 2012 - 被引用次数: 17 - [相关文章](#)

2012年4月25日 - **Arthroplasty; Body mass index; Hip; Physical function; Disability; ...** Primary THA procedures will likely become necessary for a greater ... Hence, a clear understanding the effect of obesity on functional outcomes after THA will ...

Total hip arthroplasty: Obesity and outcomes | Lower ...

lemagazine.com/.../total-hip-arthroplasty-obesity-and-outcome... [▼ 翻译此页](#)

作者: R Rajgopal - [相关文章](#)

Total hip arthroplasty (THA) is a procedure known to significantly improve quality of life, ... BMI is defined as a person's weight in kilograms divided by the height in meters ... S. Influence of high BMI on functional outcome after total hip arthroplasty. ... Does body mass index affect clinical outcome post-operatively and at five ...



[网页](#) [新闻](#) [图片](#) [视频](#) [更多 ▾](#) [搜索工具](#)

找到约 727,000 条结果 (用时 1.00 秒)

Google 学术: **Effect of body mass index on functional outcomes following arthroplasty procedures**

Body mass index as a predictor of outcome in total ... - Spicer - 被引用次数: 147

... knee replacement. results of the knee replacement ... - Hawker - 被引用次数: 501

The functional outcomes of total knee arthroplasty - Kane - 被引用次数: 157

Impact of Body Mass Index on Functional Performance After ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ [翻译此页](#)

作者: JE Stevens-Lapsley - 2010 - 被引用次数: 30 - 相关文章

2009年10月30日 - **Impact of Body Mass Index on Functional Performance After Total Knee Arthroplasty** ... Total knee arthroplasty (TKA) is one of the most common elective surgical procedures to alleviate pain and disability associated with ... the impact of BMI on functional performance and self-report outcomes after TKA.

Obesity and long term functional outcomes following ...

www.josr-online.com/content/7/1/16 ▾ [翻译此页](#)

作者: HK Vincent - 2012 - 被引用次数: 17 - 相关文章

2012年4月25日 - **Arthroplasty; Body mass index; Hip; Physical function; Disability; ...** Primary THA procedures will likely become necessary for a greater ... Hence, a clear understanding the effect of obesity on functional outcomes after THA will ...

Impact of Body Mass Index on Functional Performance After ...

www.researchgate.net/.../38057981_Impact_of_Body_Mass_In... - [翻译此页](#)

2014年11月12日 - **Impact of Body Mass Index on Functional Performance After Total Knee Arthroplasty** ... The Journal of arthroplasty (Impact Factor: 2.37). ... whether functional performance and self-report outcomes are related to body mass index (BMI)