

## Accepted Manuscript

Technical feasibility of personalized articulating knee joint distraction for treatment of tibiofemoral osteoarthritis

T. Struik, J.E.N. Jaspers, N.J. Besselink, P.M. van Roermund, S. Plomp, M.J. Rudert, F.P.J.G. Lafeber, S.C. Mastbergen



PII: S0268-0033(17)30172-9  
DOI: doi: [10.1016/j.clinbiomech.2017.08.002](https://doi.org/10.1016/j.clinbiomech.2017.08.002)  
Reference: JCLB 4364  
To appear in: *Clinical Biomechanics*  
Received date: 11 July 2016  
Revised date: ####REVISEDDATE###  
Accepted date: 9 August 2017

Please cite this article as: T. Struik, J.E.N. Jaspers, N.J. Besselink, P.M. van Roermund, S. Plomp, M.J. Rudert, F.P.J.G. Lafeber, S.C. Mastbergen , Technical feasibility of personalized articulating knee joint distraction for treatment of tibiofemoral osteoarthritis, *Clinical Biomechanics* (2017), doi: [10.1016/j.clinbiomech.2017.08.002](https://doi.org/10.1016/j.clinbiomech.2017.08.002)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Technical feasibility of personalized articulating knee joint distraction for treatment of tibiofemoral osteoarthritis

## Authors

T. Struik<sup>1,2,3</sup>, J.E.N. Jaspers<sup>3</sup>, N.J. Besselink<sup>2</sup>, P.M. van Roermund<sup>4</sup>, S. Plomp<sup>5</sup>, M.J. Rudert<sup>6</sup>, F.P.J.G. Lafeber<sup>2</sup>, and S.C. Mastbergen<sup>2</sup>

<sup>1</sup> Corresponding author [t.struik@umcutrecht.nl](mailto:t.struik@umcutrecht.nl)

<sup>2</sup> Dept. Rheumatology & Clinical Immunology, University Medical Center Utrecht, The Netherlands

F02.127 PO Box 85500 3508 GA Utrecht

<sup>3</sup> Dept. Medical Technology & Clinical Physics, University Medical Center Utrecht, The Netherlands

C01.230 PO Box 85500 3508 GA Utrecht

<sup>4</sup> Dept. Orthopedics, University Medical Center Utrecht, The Netherlands

G05.228 PO Box 85500 3508 GA Utrecht

<sup>5</sup> Dept. Anatomy, University Medical Center Utrecht, The Netherlands

STR.0.201 PO Box 85500 3508 GA Utrecht

<sup>6</sup> Orthopedic Biomechanics Laboratory, Iowa City, United States

2181 Westlawn Building, Iowa City, IA 52242

**Keywords:** joint distraction, knee osteoarthritis, joint specific, personalized, articulating, biomechanical testing

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات