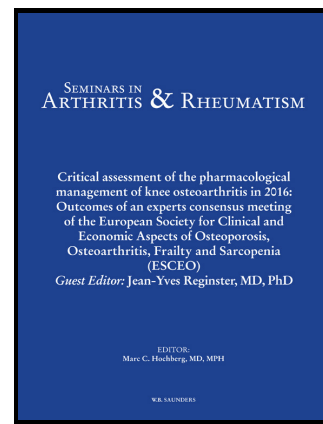


# Author's Accepted Manuscript

## Towards Classification Criteria for Early Osteoarthritis of the Knee

F.P. Luyten, S. Bierma-Zeinstra, F. Dell'Accio,  
V.B. Kraus, K. Nakata, I. Sekiya, N.K. Arden,  
L.S. Lohmander



PII: S0049-0172(17)30098-7  
DOI: <http://dx.doi.org/10.1016/j.semarthrit.2017.08.006>  
Reference: YSARH51228

To appear in: *Seminars in Arthritis and Rheumatism*

Cite this article as: F.P. Luyten, S. Bierma-Zeinstra, F. Dell'Accio, V.B. Kraus, K. Nakata, I. Sekiya, N.K. Arden and L.S. Lohmander, Towards Classification Criteria for Early Osteoarthritis of the Knee, *Seminars in Arthritis and Rheumatism*, <http://dx.doi.org/10.1016/j.semarthrit.2017.08.006>

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 galley proof before it is published in its final citable 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.

Manuscript

## Towards Classification Criteria for Early Osteoarthritis of the Knee

FP Luyten<sup>1†</sup>, S Bierma-Zeinstra<sup>2</sup>, F Dell'Accio<sup>3</sup>, VB Kraus<sup>4</sup>, K Nakata<sup>5</sup>, I Sekiya<sup>6</sup>, NK Arden<sup>7\*</sup>  
and LS Lohmander<sup>8\*</sup>

<sup>1</sup>FP Luyten, Skeletal Biology & Engineering Research Center, Department of Development and Regeneration, KU Leuven, Herestraat 49 box 813, B-3000 Leuven, Belgium.  
Email: frank.luyten@uzleuven.be

<sup>2</sup>SMA Bierma-Zeinstra, Department of General Practice, Department of Orthopedics, University Medical Center Rotterdam, Erasmus MC, Rotterdam, the Netherlands

<sup>3</sup>F Dell'Accio, William Harvey Research Institute, Barts and the London School of Medicine and Dentistry, Queen Mary University of London, London, UK

<sup>4</sup>VB Kraus, Duke Molecular Physiology Institute and Division of Rheumatology, Duke University School of Medicine, Durham, NC, USA

<sup>5</sup>K Nakata, Medicine for Sports and Performing Arts, Department of Health and Sport Sciences, Osaka University Graduate School of Medicine, Osaka, Japan

<sup>6</sup>Ichiro Sekiya, Center for Stem Cell and Regenerative Medicine, Tokyo Medical and Dental University, Tokyo, Japan

<sup>7</sup>NK Arden, Arthritis Research UK Centre for Sport, Exercise and Osteoarthritis, University of Oxford, Oxford, England

<sup>8</sup>LS Lohmander, Lund University, Faculty of Medicine, Department of Clinical Sciences, Lund, Sweden

\*Co-senior authorship

†Corresponding author

Download English Version:

<https://daneshyari.com/en/article/8623802>

Download Persian Version:

<https://daneshyari.com/article/8623802>

[Daneshyari.com](https://daneshyari.com)