## UNIVERSITY OF LEEDS

This is a repository copy of *Development and reliability of a preliminary Foot Osteoarthritis Magnetic Resonance Imaging Score*.

White Rose Research Online URL for this paper: http://eprints.whiterose.ac.uk/113779/

Version: Accepted Version

## Article:

Halstead, J, Martín-Hervás, C, Hensor, EMA et al. (4 more authors) (2017) Development and reliability of a preliminary Foot Osteoarthritis Magnetic Resonance Imaging Score. Journal of Rheumatology, 44 (8). pp. 1257-1264. ISSN 0315-162X

https://doi.org/10.3899/jrheum.160617

© 2017. This is a pre-copy-editing, author-produced PDF of an article accepted for publication in The Journal of Rheumatology following peer review. The definitive publisher-authenticated version Halstead, J, Martín-Hervás, C, Hensor, EMA et al. (4 more authors) (2017) Development and reliability of a preliminary Foot Osteoarthritis Magnetic Resonance Imaging Score. Journal of Rheumatology, 44 (8). pp. 1257-1264 is available online at: http://dx.doi.org/10.3899/jrheum.160617

## Reuse

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

## Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



eprints@whiterose.ac.uk https://eprints.whiterose.ac.uk/ Table 2 Intra-rater repeatability results of scoring all joints and bones for joint space narrowing (JSN), osteophytes, effusion/synovitis, cysts, bone marrow lesion (BML) and erosion

Statistic	JSN 0-3	Osteophytes 0-3	Effusion/ Synovitis 0-1	Cysts 0-1	Erosion 0-3	BML 0-3
PEA	96% (238/248)	93% (231/248)	81% (202/248)	98% (242/248)	97% (242/250)	91% (225/248)
PEA range ≠	80%-100%	80%-100%	50%-100%	71%-100%	86%-100%	73%-100%
% ± 1 category	100% (248/248)	100% (248/248)	n/a	n/a	100% (250)	>99% (247/248)
PPA score=0	98% (422/429)	96% (322/335)	62% (74/120)	99% (432/438)	98% (470/478)	95% (338/354)
PA score=1	85% (44/52)	86% (100/117)	88% (330/376)	90% (52/58)	60% (12/20)	79% (88/111)
PPA score=2	77% (10/13)	91% (40/44)	n/a	n/a	100% (2/2)	79% (22/28)
PPA score=3	0% (0/2)	- (none scored)	n/a	n/a	- (none scored)	67% (2/3)
сс	0.90	0.90	0.46	0.87	0.66	0.83
CC range \$	0.65-1	0.00-1	0.00-1	0.00-1	0.00-1	0.49-1

ICC=Intraclass correlation coefficient from generalizability theory; PEA=Percent exact agreement; PPA=Percent positive agreement. ≠ PEA per location see supplementary tables, \$ ICC per location see supplementary tables.