Maastricht University

High-resolution peripheral quantitative computed tomography in patients with rheumatoid arthritis

Citation for published version (APA):

Scharmga, A. M. J. (2017). *High-resolution peripheral quantitative computed tomography in patients with rheumatoid arthritis: truth, discrimination and feasibility*. [Doctoral Thesis, Maastricht University]. Maastricht University. https://doi.org/10.26481/dis.20171221as

Document status and date:
Published: 01/01/2017

DOI:
10.26481/dis.20171221as

Document Version:
Publisher's PDF, also known as Version of record

Please check the document version of this publication:

• A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
• The final author version and the galley proof are versions of the publication after peer review.
• The final published version features the final layout of the paper including the volume, issue and page numbers.

Link to publication

General rights
Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

• Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
• You may not further distribute the material or use it for any profit-making activity or commercial gain
• You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the “Taverne” license above, please follow below link for the End User Agreement:

www.umlib.nl/taverne-license

Take down policy
If you believe that this document breaches copyright please contact us at:

repository@maastrichtuniversity.nl

providing details and we will investigate your claim.

Download date: 25 Apr. 2024

High-resolution peripheral quantitative computed tomography in patients with rheumatoid arthritis: truth, discrimination and feasibility

Andrea Scharmga

Rheumatoid arthritis (RA) is a chronic and potentially disabling disease. The disease primarily affects the joints, where structural damage can occur already at an early stage. In RA imaging is essential in the evaluation of structural damage. A novel imaging technique is high-resolution peripheral quantitative computed tomography (HR-pQCT) which allows detailed evaluation of cortical and trabecular structures, such as cortical interruptions. In this thesis we studied the aspects of truth (validity), discrimination (reliability), and feasibility of HR-pQCT with respect to the detection of cortical interruptions in finger joints.

HR-pQCT in rheumatoid arthritis

Andrea Scharmga