

## 'Developed for rheumatologists by rheumatologists'



"Dynamika-RA is a fantastic tool for evaluation of our arthritis patients. This program makes up for patient movement artefacts and enhances data quality. Using the program, we were able to save significant time diagnosing each patient. Furthermore, we get a quantitative measure of the local perfusion in the joints reflecting ongoing disease", Prof. Bliddal, Rheumatology Research Institute, Denmark

"An advantage of using Dynamika is that the method secures, that any examination, regardless of the motion artefacts, is usable. No scans have to be repeated and no patient needs to be called back to the hospital," Dr. Marlund, MD, Radiology

Dynamika-RA is DCE-MRI analysis software developed for radiologists and rheumatologists to interpret MRI data in clinical practice and clinical research.

### Dynamika-RA features

- View DICOM data and assess the its quality
- Explore the data to define the best acquisition and analysis settings
- Enhance data quality by removing patient motion artefacts
- Analyse the data with pixel-by-pixel and Region of Interest methods
- Visualise Maximum Enhancement and Initial Rate of Enhancement parameters
- Quantify tissues with wash-out, plateau and continue uptake enhancement pattern
- Report the findings

### Dynamika-RA benefits

- Dynamika-RA can assess objectively patient progress and to quantify the treatment affect
- It takes less than 3 min to remove motion artefacts, quantify changes, and produce reports
- Automation of the analysis allows excluding human bias from the evaluation
- With Dynamika-RA data can be processed in minutes, which minimises waiting time for patients, speeds up data analysis workflow and increases capacity in MR departments
- Dynamika-RA is often used as a second opinion for less experienced doctors and as a guiding tool for the rest
- It is an education tool for young rheumatologists

### Education version of Dynamika-RA

Education and trial pre-clinical versions of Dynamika-RA are available for research, development, education, and data analysis in RCT purposes and applied to the data acquired from

- Active patients
- Healthy controls
- Short term follow-ups
- Long term follow-ups
- Knee, MCP, ankle, shoulder, wrist joints
- Low and high field scanners, any acquisition settings, any sequence

Each licence is supplied with free technical and training support, easy-to-use manuals and data tutorials. We work with each user individually, making sure that the research needs are met and set objectives are achieved.

To find out more about Dynamika-RA go to [www.dynamika-ra.com](http://www.dynamika-ra.com)  
To buy a license or discuss your requirements, contact us:  
E: [info@imageanalysis.org.uk](mailto:info@imageanalysis.org.uk)  
T: 44(0)79 859 39 915

