

Image Analysis Ltd

Brings you DYNAMIKA™ – A new generation of CAD systems

Image Analysis presents DYNAMIKA™ a software solution to analyse and visualise dynamic MRI scans.

DYNAMIKA™ incorporates the latest technological and scientific thinking and allows for the fully automated analysis and interpretation of MRI scans.

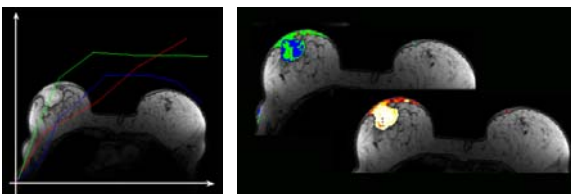
Features and Benefits:

- Motion artefacts reduction algorithms
- Segmentation tools
- Tissue classification
- Real-time quantitative analysis techniques
- Parametric maps of Maximum Enhancement, Initial Rate of Enhancement, Time of Onset of Enhancement, Rate of Wash-out
- Statistical evaluation tool
- Tumour or inflammation size / volume assessment
- Visualisation tools for viewing dynamic data in 2D and 3D
- Bespoke reporting system

'Image Analysis Ltd has an exciting and novel solution to the age old issues that have plagued MRI users for years: reduction of noise artefacts and patient's movement and analysis of the data from low-field MRI scanners', User's comment

With DYNAMIKA™ you can achieve:

- Repeatable and reliable diagnosis
- Objective comparison of the data from follow-up examinations
- Fast differentiation of healthy controls from active patients
- Accurate assessment of disease progression and response to treatment



Analysis of dynamic MRI of breast; tumour tissue is classified and colour coded according to the degree of perfusion.

'It is clear to me, that the algorithms behind DYNAMIKA™ are simply outstanding'.

'With DYNAMIKA™ no scans need to be repeated and no patient needs to be called back to the hospital or clinic'.

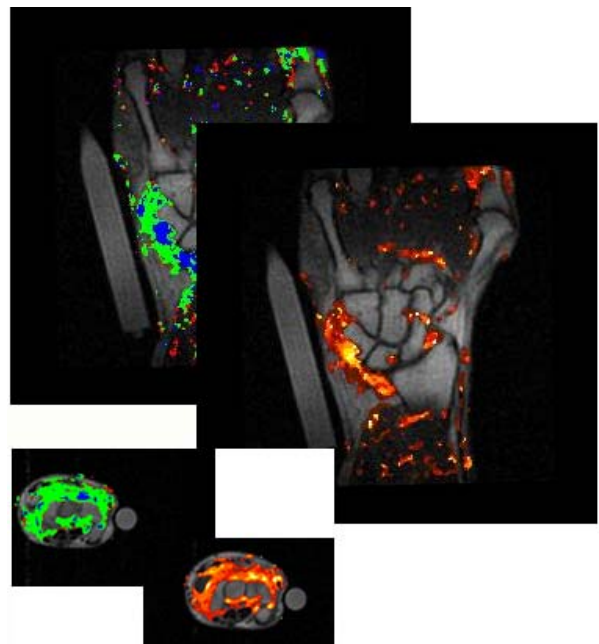
'This toolset secures that any dataset regardless of motion artefacts is usable'. Users' comments

How many times do you have to refer your patients due to poor quality images or patient movements?

This is a thing of the past with DYNAMIKA™, "first time, every time" is our motto, and you will see the benefit from day one of use, as your referral percentage drops due to our unique software that reduces noise artefacts up to 90%.

MRI scans acquired from any part of the body, any organ, regardless the scanning equipment and acquisition settings can be processed.

DYNAMIKA™ is DICOM compliant and permits integration with any MRI scanning equipment regardless of the magnetic strength or acquisition parameters.



Analysis of dynamic MRI acquired with GRE and SE sequences, 0.2T scanner, wrist and hand. Inflamed synovium is classified and colour-coded according to the degree of perfusion.

For further enquires contact:

Olga Kubassova

✉ olga@ImageAnalysis.org.uk

☎ +44 798 593 9915

Image Analysis Ltd

www.ImageAnalysis.org.uk