BESA®

BESA MRI

CE-certified software for coregistering EEG / MRI and creating FEM models



BESA

BESA MRI 2.0

Creating individual FEM models made easy

- Integrated workflow
 - Maximally intuitive and user-friendly
 - Context-related help
- Automatic inhomogeneity correction
 - For the best segmentation results
- Automatic segmentation
 - Scalp, skull, CSF, brain
- FEM model generation
 - Automated setup of FEM model including CSF layer
 - Geometry-adapted hexahedral meshes
 - All FEM meshes, surfaces and lead fields are exportable
- Coregistration
 - With individually digitized electrodes or standard electrodes
- Using individual anatomy
 - Individual realistic FEM models sent to BESA[®] Research for source analysis
 - Instant projection of cortical source reconstructions on the individual anatomy in BESA[®] Research

Scalp/Cortex Reconstruction



Scalp and cortex of the subject are automatically segmented.

Electrode Coregistration



Easy coregistration of standard or digitized electrodes with MRI data

FEM Model



Automatic setup of 4-layer FEM model

www.besa.de