



BESA MRI

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





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



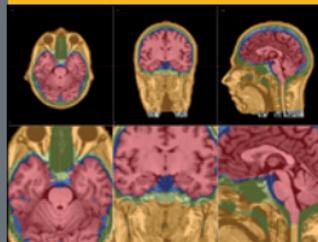
Scalp and cortex of the subject are automatically segmented.

Electrode Coregistration



Easy coregistration of standard or digitized electrodes with MRI data

FEM Model



Automatic setup of 4-layer FEM model