BESA Reliable pipeline to analyze interictal spikes and seizure onset









BESA MRI

- T1 / T2: segment head

- Register electrodes

- Create FEM model and





BESA Research

CE-certified software for the best signal processing of EEG and MEG data

• All tools for effective preprocessing and classic ERP analysis

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

BESA

MRI

• Intuitive and user-friendly integrated workflow

BESA Epilepsy

CE-certified software for efficient EEG review and detection of spikes / seizures

 Intuitive patient database to start file independent review of

- Advanced source analysis with standard and realistic head models (FEM)
- Time-frequency and coherence analysis in sensor and source space



- Automatic segmentation and setup of a 4-layer FEM model for both EEG and MEG
- Coregistration with individually digitized electrodes and MEG sensors or standard electrodes

- routine and long-term EEG
- Review EEG data of many different EEG data formats in one program
- Automatic spike detection and clustering on children and adults. Automatic seizure detection on adults

