

Indications for Use



BESA MRI is a software-only product compatible with personal computers running under a Windows operating system or an emulator thereof. The software is intended to help users visualize and analyze electrical activity of the human brain by fusing a variety of previously acquired, adult or pediatric (≥ 10 years of age), electroencephalographic (EEG) and/or magnetoencephalographic (MEG) data with Magnetic Resonance (MRI) and/or Computed Tomography (CT) images. The intended user is a qualified neuroscientist who will exercise professional judgement in using the information.

The segmentation component of BESA MRI imports digital MRI data, segments and labels different brain tissues, transforms the MRI data into ACPC- and Talairach spaces, and renders the scalp and cortical surfaces.

The coregistration component of BESA MRI imports EEG electrode and/or MEG sensor coordinates and fits these to the scalp surface provided by the segmentation component.

The device does not provide any diagnostic conclusion about the subject's condition.

It is not allowed to use the BESA MRI software directly or indirectly for medical diagnosis and/or treatment of humans. MEGIS is not liable for the use of the software beyond the intended research purpose.