

Intended use



BESA Research is a software-only product compatible with personal computers running under a Windows operating system or an emulator thereof. The software is intended to be used for the review and analysis of neurophysiological data recorded non-invasively from the human scalp and stored on computer disk by an independent EEG or MEG acquisition system.

BESA Research may be used exclusively in the field of scientific research and not for commercial and curative purposes.

Since, the language used in the neuroscientific community is English, it can be assumed and required that BESA Research is used only by persons with sufficient comprehension of the English language.

BESA Research is intended to be used for human EEG and MEG evaluation, not for evaluation of animal data.

The purpose of BESA Research is to assist in the analysis of EEG and MEG data by providing tools for the following analysis steps:

- Raw data review
- Data preprocessing
- Artifact rejection and correction
- Data averaging and ERP analysis
- 2D and 3D Mapping
- Source analysis
- Time-frequency and coherence analysis

The installation of this product must be carried out by the system administrator or an authorized person. This staff bears full responsibility for correct setup of the product.

The intended user is a neuroscience professional with a basic understanding of the mechanisms underlying the generation of electrophysiological potentials in the human brain. He or she is expected to be literate in the usage of computer programs in the Windows environment.

If this product is installed on a personal computer within a patient environment, the personal computer must conform to DIN EN IEC 60601-1. The product must not be installed on a personal computer which controls medical devices.

BESA GmbH assumes no liability for the unauthorized access to and use of this product. Children and patients should not use this product.

The user of BESA Research must consider the national requirements for EEG and MEG evaluation independently of the liabilities of the manufacturer of this product.

BESA Research is intended to be run independently of the EEG and MEG acquisition and review programs of other manufacturers.

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

November 2015

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

BESA Research software is licensed for research use only.