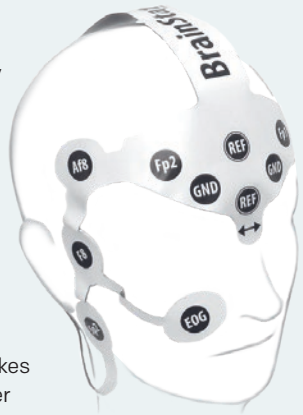
Brain-related injuries and dysfunctions cause high costs to society. In emergency first response, early objective assessment of an unconscious patient is highly desirable to optimize treatment paths and improve treatment outcome. The earlier the assessment, the better the results.

Bittium BrainStatus™ is a novel EEG electrode, made to answer the diagnostics problems in emergency dispatch and other applications which require fast and easy EEG readouts. Bittium BrainStatus™ is disposable, and unlike traditional headbands, it's placed on the hairless area on the patient's head. This makes proper placement easier and faster, without moving the patient's head.



Bittium

Connectivity
to be trusted.

Bittium is a trusted Nordic company with over 30 years of expertise in advanced radio communication technologies and biosignal processing.

Bittium provides reliable and secure solutions for connectivity, tactical communications and measuring and monitoring of biosignals.

Bittium offers medical technology in biosignals measuring and monitoring for cardiology, neurophysiology, neuroscience, rehabilitation, occupational health and sports medicine. Bittium develops cutting-edge technology for cardiac applications such as holtering, cardiac telemetry and cardiac rehabilitation, as well as high-end EEG solutions for TMS-EEG and fMRI-EEG applications, remote monitoring EEG applications, and emergency EEG applications. The products meet European Union medical CE requirements and the company's quality system meets ISO 9001 and ISO 13485 directive MDD 93/42/EEC requirements.

Medical Products

CE 0537

Bittium Faros™
Bittium Cardiac Rehabilitation System™
Bittium NeurOne™
Bittium BrainStatus™

FOR MORE INFORMATION, PLEASE CONTACT:
medical@bittium.com
www.bittium.com

EEG Has Never Been this Easy

Bittium BrainStatus™

Bittium

Fast and Easy Brain Monitoring for Emergency and ICU

Advantages

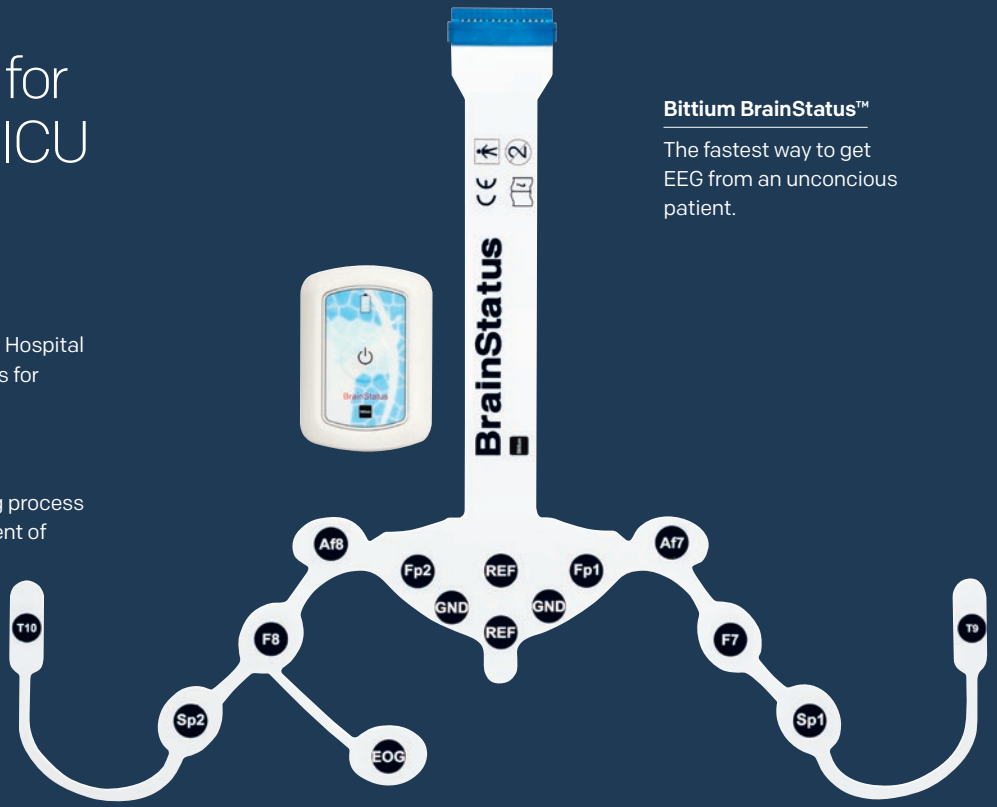
Studies carried out at Kuopio University Hospital have raised the following key advantages for Bittium BrainStatus™:

- Enables reliable quick diagnostics.
- Speeds up significantly the monitoring process as there is no need for any pre-treatment of the patient's skin.
- The electrodes get automatically placed in their correct places because the headband is flexible and solid.
- There is no need to move the patient's head when putting on the Bittium BrainStatus™ electrode set.

Due to the fact that the electrode set is easy and fast to use, it is particularly well-suited to be used in emergency care, in ambulances and even in field conditions.

Key Facts

- Very easy electrode setup, EEG readings in a couple of minutes.
- Universal cable set with connectivity to all major EEG devices.
- Hygienic single-pack with usage instructions.



Bittium BrainStatus™

The fastest way to get EEG from an unconcious patient.

Bittium BrainStatus™

Disposable sub-hairline electrode

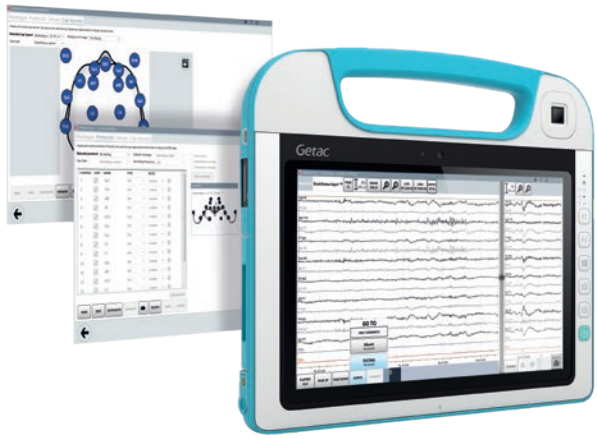
16 channels optional with jack box/adapter

24 bit sampling

80 gram weight

Offline SD card slot

Online WiFi & Bluetooth



Software

Bittium BrainStatus™ electrode, device and software together form a solution for easy EEG for non-EEG professionals. Windows 10 based software supports the Bittium BrainStatus™ electrode and also EEG with standard electrodes.

Software is designed for touch panels making it easy and intuitive for nursing staff and other users not familiar with EEG devices and software. However, it has all standard features EEG technicians and neurophysiologists expect, such as different EEG montages, EEG filtering, commenting, and split screen EEG review while recording.

Software records EEG locally and simultaneously uploads data to network file server (or optional cloud) so that the same EEG can be reviewed from other EEG workstations throughout the hospital. Optional cloud expands availability outside the hospital and can be extended with the Cerenion C-Trend™ analysis.