

July 7th first year master students MSS will conclude the case with a posterpresentation of the results

Program Track Medical Sensing and Simulation

Poster Presentation

"Prediction of epileptic seizures"

10.00- 14.00 NH124

Predicting epileptic seizures with use of EDA, HRV, temperature and SpO2

Koen van der Sluijs, Vincent Wolbert, Ruben Dollen, Vivianne de With

Localisation of the Near-Infrared spectroscopy sensor for seizure prediction

Anouk Scholten, Kim Wijlens, Anne- Jet Jansen, Mitchel van der Waard

Prediction of epileptic attacks in epileptic patients using parasympathetic parameters

Jantine Smit, Elin Biel, Lyan Vlaskamp, Gerike Buitenhuis

Predicting epileptic seizures by using a combination of high frequency oscillations, heart rate variability and electrodermal activity

Simone van Nuil, Elisa Verhoeven, Lisa Rutten, Marloes Verhulst

Can HFOs in scalp EEG and eyeblinks be used as a predictive tool in epilepsy patients?

Thomas Urgert, Maud Hoofs, Laura Treurniet, Nick Eleveld

Using infrared light to predict epileptic seizures

Erik- Jan Meulenbrugge, Esther Lems, Bas Meuter, Janna Ruisch

Prediction of epileptic seizures through stress measurements using salivary cortisol and HRV

Thijs Nassi, Lieke Numan, Raymond van Wijk, Marijn Mulder

Power spectral density ratios and heart rate variability combined in an algorithm for long term seizure prediction in epilepsy patients

Nynke Wijbenga, Silvano Gefferie, Loes Zarembo, Job de Haan

Long-term prediction of epileptic seizures based on peripheral excitability measured with EMG

Mireille Kamminga, Cindy Rikhof, Ditte Moejes, Rob Warnaar

Changes in HRV and EDA during daily activities for epileptic patients and healthy subjects contributing to epileptic seizure prediction

Marthe Huntelaar, Athra Malki, Maartje Dekker