



Simon Annaheim

Contact

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Publications (7)

Baty F, Cvetković D, Bösch M, Bauer F, Martins N, Rossi R, Schoch O, Annaheim S, Brutsche M. Validation of a Textile-Based Wearable Measuring Electrocardiogram and Breathing Frequency for Sleep Apnea Monitoring. *Sensors (Basel)* 2024; 24

Cukic M, Annaheim S, Bahrami F, Defraeye T, De Nys K, Jörgen M. Is personal physiology-based rapid prediction digital twin for minimal effective fentanyl dose better than standard practice: a pilot study protocol. *BMJ Open* 2024; 14:e085296.

Braun F, Ferrario D, Brutsche M, Annaheim S, Bösch M, Baty F, Proust Y, Proenca M, Theurillat P, Bonnier G, Lemay M. Influence of Measurement Location on Reflectance Pulse Oximetry in Sleep Apnea Patients: Wrist vs. Upper Arm. *Annu Int Conf IEEE Eng Med Biol Soc* 2021; 2021:1297-1300.

Baty F, Bösch M, Widmer S, Annaheim S, Fontana P, Camenzind M, Rossi R, Schoch O, Brutsche M. Classification of Sleep Apnea Severity by Electrocardiogram Monitoring Using a Novel Wearable Device. *Sensors (Basel)* 2020; 20

Fontana P, Martins N, Camenzind M, Bösch M, Baty F, Schoch O, Brutsche M, Rossi R, Annaheim S. Applicability of a Textile ECG-Belt for Unattended Sleep Apnoea Monitoring in a Home Setting. *Sensors (Basel)* 2019; 19

Fontana P, Martins N, Camenzind M, Rossi R, Baty F, Bösch M, Schoch O, Brutsche M, Annaheim S. Clinical Applicability of a Textile 1-Lead ECG Device for Overnight Monitoring. *Sensors (Basel)* 2019; 19

Annaheim S, Camenzind M, Schoch O, Brutsche M, Baty F, Rossi R. Session 59. Biosignal processing and monitoring IV. *Biomed Tech (Berl)* 2017; 62:s526-s530.

Projects (2)

Textile ECG electrodes for long-term monitoring (Tex3CG)

Clinical Studies - Jul 1, 2024 - Dec 31, 2024

Automatically Closed

Characterizing sleep apnea by using a wearable electro EMPA cardiogram device

Fundamental Research - Jun 1, 2015 - Dec 1, 2016

Automatically Closed

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