



Peter Tinschert

Contact

Peter Tinschert

Publications (6)

Bösch M, Rassouli F, Baty F, Schwärzler A, Widmer S, Tinschert P, Shih I, Cleres D, Barata F, Fleisch E, Brutsche M. Smartphone-based cough monitoring as a near real-time digital pneumonia biomarker. *ERJ Open Res* 2023; 9

Barata F, Cleres D, Tinschert P, Shih I, Rassouli F, Bösch M, Brutsche M, Fleisch E. Nighttime continuous contactless smartphone-based cough monitoring for the ward: A validation study. *JMIR Form Res* 2023

Tinschert P, Rassouli F, Barata F, Steurer-Stey C, Fleisch E, Puhan M, Kowatsch T, Brutsche M. Nocturnal Cough and Sleep Quality to Assess Asthma Control and Predict Attacks. *J Asthma Allergy* 2020; 13:669-678.

Rassouli F, Tinschert P, Barata F, Steurer-Stey C, Fleisch E, Puhan M, Baty F, Kowatsch T, Brutsche M. Characteristics of Asthma-related Nocturnal Cough: A Potential New Digital Biomarker. *J Asthma Allergy* 2020; 13:649-657.

Barata F, Tinschert P, Rassouli F, Steurer-Stey C, Fleisch E, Puhan M, Brutsche M, Kotz D, Kowatsch T. Automatic Recognition, Segmentation, and Sex Assignment of Nocturnal Asthmatic Coughs and Cough Epochs in Smartphone Audio Recordings: Observational Field Study. *J Med Internet Res* 2020; 22:e18082.

Tinschert P, Rassouli F, Barata F, Steurer-Stey C, Fleisch E, Puhan M, Brutsche M, Kowatsch T. Prevalence of nocturnal cough in asthma and its potential as a marker for asthma control (MAC) in combination with sleep quality: protocol of a smartphone-based, multicentre, longitudinal observational study with two stages. *BMJ Open* 2019; 9:e026323.

Projects (1)

Smartphone-Enabled Detection of COugh in COvid-19 (COCO): An Exploratory, Single-Center, Observational Cohort Study

Clinical Studies - Dec 3, 2020 - Dec 3, 2020

Automatically Closed

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch