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Bereiche

Pneumologie und Schlafmedizin

Funktion

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Publikationen (28)

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

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Isic E, Rassouli F, Rodriguez R, Kluckert J, Brutsche M. Respiratory bronchiolitis-interstitial lung disease: A rare complication of smoking. *Open Journal of Clinical & Medical Case Reports* 2022; 8 (2022)

Jokic S, Cleres D, Rassouli F, Steurer-Stey C, Puhan M, Brutsche M, Fleisch E, Barata F. TripletCough: Cougher Identification and Verification From Contact-Free Smartphone-Based Audio Recordings Using Metric Learning. *IEEE J Biomed Health Inform* 2022; 26:2746-2757.

Schmiedeberg K, Rassouli F, von Kempis J, Rubbert-Roth A. Anti-interleukin-23 directed therapy and the recurrence of severe allergic asthma. *Rheumatology (Oxford)* 2022

Baty F, Hegermann J, Locatelli T, Rüegg C, Gysin C, Rassouli F, Brutsche M. Text mining-based measurement of precision of polysomnographic reports as basis for intervention. *J Biomed Semantics* 2022; 13:5.

Studer S, Rassouli F, Waldeck F, Brutsche M, Baty F, Albrich W. No evidence of harmful effects of steroids in severe exacerbations of COPD associated with influenza. *Infection* 2022; 50:699-707.

Walter A, Baty F, Rassouli F, Bilz S, Brutsche M. Diagnostic precision and identification of rare diseases is dependent on distance of residence relative to tertiary medical facilities. *Orphanet J Rare Dis* 2021; 16:131.

Rassouli F, Tamm M, Sievi N, Tschirren U, Widmer S, Kähler C, Brack T, Thurnheer R, Stolz D, Kohler M, Baty F, Germann A, Brutsche M. Telehealth mitigates COPD disease progression compared to standard of care: a randomized controlled crossover trial. *J Intern Med* 2021; 289:404-410.

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.

Sanchez J, Schumann D, Karakioulaki M, Papakonstantinou E, Rassouli F, Frasnelli M, Brutsche M, Tamm M, Stolz D. Laryngopharyngeal reflux in chronic obstructive pulmonary disease - a multi-centre study. *Respir Res* 2020; 21:220.

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.

Albrich W, Rassouli F, Waldeck F, Christoph B, Baty F. Influence of Older Age and Other Risk Factors on Pneumonia Hospitalization in Switzerland in the Pneumococcal Vaccine Era. *Front Med (Lausanne)* 2019; 6:286.

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.

Brutsche M, Rassouli F, Gallion H, Kalra S, Roger V, Baty F. Diagnostic diversity – an indicator of institutional and regional healthcare quality. *Swiss Med Wkly* 2018; 148:w14691.

Rassouli F, Boutellier D, Duss J, Huber S, Brutsche M. Digitalizing multidisciplinary pulmonary rehabilitation in COPD with a smartphone application: an international observational pilot study. *Int J Chron Obstruct Pulmon Dis* 2018; 13:3831-3836.

Rassouli F, Schneider T, Dutly A, Kluckert J, Glaser-Gallion F, Brutsche M. Lungenemphysem. *Schweiz Med Forum* 2017; 2017/43:917-924.

Rassouli F, Baty F, Stolz D, Albrich W, Tamm M, Widmer S, Brutsche M. Longitudinal change of COPD assessment test (CAT) in a telehealthcare cohort is associated with exacerbation risk. *Int J Chron Obstruct Pulmon Dis* 2017; 12:3103-3109.

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Mayer L, Kahlert C, Rassouli F, Vernazza P, Albrich W. Impact of viral multiplex real-time PCR on management of respiratory tract infection: a retrospective cohort study. *Pneumonia (Nathan)* 2017; 9:4.

Feigelman R, Kahlert C, Baty F, Rassouli F, Kleiner R, Kohler P, Brutsche M, Von Mering C. Sputum DNA sequencing in cystic fibrosis: non-invasive access to the lung microbiome and to pathogen details. *Microbiome* 2017; 5:20.

Rassouli F, Pfister M, Widmer S, Baty F, Burger B, Brutsche M. Telehealthcare for Chronic Obstructive Pulmonary Disease in Switzerland Is Feasible and Appreciated by Patients. *Respiration* 2016; 92:107-13.

Rassouli F, Schoch O. Tobacco Smoking Kills Slowly, while Smoking on Oxygen Is a Burning Issue. *Respiration* 2016; 91:271-2.

Hansen J, Rassouli F, Brutsche M. [Cardiopulmonary exercise testing (CPET) – indication and clinical impact]. *Ther Umsch* 2015; 72:321-6.

Nussbaumer-Ochsner Y, Rassouli F, Uhlmann F, Thurnheer R. Endobronchial lipoma mimicking bronchial carcinoid tumour. *Thorax* 2015; 70:809.

Projekte (6)

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

Klinische Forschung - 03.12.2020 - 03.12.2020

Automatisch geschlossen

COugh During and after acute EXacerbation of chronic obstructive pulmonary disease (CODEX) study

Klinische Forschung - 08.09.2020 - 01.07.2021

Automatisch geschlossen

The role of physical activity, malnutrition and sarcopenia for the prediction of acute exacerbations and the evolution of COPD assessment test (CAT) in patients with COPD

Klinische Forschung - 29.11.2018 - 30.06.2021

Abgeschlossen

Asthma control Prediction

Klinische Forschung - 01.02.2018 - 31.12.2018

Automatisch geschlossen

A randomised controlled, international, multicentre crossover trial. We want to test, whether telehealthcare can improve HRQOL and reduce emergency admissions and hospitalisations due to AECOPD

Klinische Forschung - 11.05.2016 - 31.12.2018

Automatisch geschlossen

Clinical impact of multiplex realtime PCR in respiratory tract infections

Klinische Forschung - 15.11.2014 - 31.12.2015

Automatisch geschlossen