



Dr. Frank Rassouli

attending physician

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Units

Pneumologie und Schlafmedizin

Profile Function

attending physician

Publications (34)

Bürke C, Baty F, Rassouli F, Brutsche M, Albrich W. Effect of the Covid-19 pandemic on hospitalizations for non-Covid-19-pneumonia and exacerbations of chronic obstructive pulmonary diseases in Switzerland: comparison of national data between 2020/2021 and 2015-2019. *Pneumonia (Nathan)* 2024; 16:24.

Minervini F, Kestenholz P, Rassouli F, Pohle S, Mayer N. Smoking cessation assistance among pneumologists and thoracic surgeons in Switzerland: a national survey. *Front Health Serv* 2024; 4:1420277.

Bösch M, Baty F, Bilz S, Brutsche M, Rassouli F. Tracking Real-World Physical Activity in Chronic Obstructive Pulmonary Disease Over One Year: Results from a Monocentric, Prospective, Observational Cohort Study. *Int J Chron Obstruct Pulmon Dis* 2024; 19:1921-1929.

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Bösch M, Baty F, Rassouli F, Kowatsch T, Jörger M, Früh M, Brutsche M. Non-pharmaceutical interventions to optimize cancer immunotherapy. *Oncoimmunology* 2023; 12:2255459.

Hagmann M, Baty F, Rassouli F, Maeder M, Brutsche M. Gender-specific disease trajectories prior to the onset of COPD allow individualized screening and early intervention. *PloS one* 2023; 18:e0288237.

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

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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.

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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.

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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.

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Breidthardt T, Nestelberger T, Boeddinghaus J, Badertscher P, Barata S, Shrestha S, Gayat E, Kozhuharov N, Twerenbold R, Rassouli F, Ziller R, Sabti Z, Mueller C. Diagnostic and prognostic value of cystatin C in acute heart failure. *Clin Biochem* 2017

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.

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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.

Projects (6)

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

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

Clinical Studies - Sep 8, 2020 - Jul 1, 2021

Automatically Closed

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

Clinical Studies - Nov 29, 2018 - Jun 30, 2021

Completed

Asthma control Prediction

Clinical Studies - Feb 1, 2018 - Dec 31, 2018

Automatically Closed

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

Clinical Studies - May 11, 2016 - Dec 31, 2018

Automatically Closed

Clinical impact of multiplex realtime PCR in respiratory tract infections

Clinical Studies - Nov 15, 2014 - Dec 31, 2015

Automatically Closed