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Units

Division of Infectious Diseases, Infection Prevention and Travel Medicine

Profile Function

chief physician

Publications (32)

Stark J, Kuster S, Hungerbuehler V. Impact of COVID-19 disease on the male factor in reproductive medicine – how to advise couples undergoing IVF/ICSI. *Reprod Fertil Dev* 2024

Bloch N, Rüfenacht S, Ludwinek M, Frick W, Kleger G, Schneider F, Albrich W, Flury D, Kuster S, Schlegel M, Kohler P. Healthcare-associated infections in intensive care unit patients with and without COVID-19: a single center prospective surveillance study. *Antimicrob Resist Infect Control* 2023; 12:147.

Strahm C, Kahlert C, Güsewell S, Vuichard-Gysin D, Stocker R, Kuster S, Kohler P. Evolution of symptoms compatible with post-acute sequelae of SARS-CoV-2 (PASC) after Wild-type and/or Omicron BA.1 infection: A prospective healthcare worker cohort. *J Infect* 2023

Schreiber P, Hoessly L, Boggian K, Neofytos D, Van Delden C, Egli A, Dickenmann M, Hirzel C, Manuel O, Koller M, Rossi S, Banz V, Schmied B, Gürke L, Matter M, de Rougemont O, Bonani M, Golshayan D, Schnyder A, Sidler D, Haidar F, Kuster S, Stampf S, Müller N, members of the Swiss Transplant Cohort Study (STCS). Surgical site infections after kidney transplantation are independently associated with graft loss. *Am J Transplant* 2023

Eder M, Sommerstein R, Szelecsenyi A, Schweiger A, Schlegel M, Atkinson A, Kuster S, Vuichard-Gysin D, Troillet N, Widmer A. Association between the introduction of a national targeted intervention program and the incidence of surgical site infections in Swiss acute care hospitals. *Antimicrob Resist Infect Control* 2023; 12:134.

Bloch N, Männer J, Gardiol C, Kohler P, Kuhn J, Münzer T, Schlegel M, Kuster S, Flury D. Effective infection prevention and control measures in long-term care facilities in non-outbreak and outbreak settings: a systematic literature review. *Antimicrob Resist Infect Control* 2023; 12:113.

Kahlert C, Kuster S, Kohler P. Reply to Zeng and Zhou. *Clin Infect Dis* 2023; 77:800.

Kohler P, Dörr T, Friedl A, Stocker R, Vuichard-Gysin D, Kuster S, Kahlert C, SURPRISE Study Group. SARS-CoV-2 risk in household contacts of healthcare workers: a prospective cohort study. *Antimicrob Resist Infect Control* 2023; 12:98.

Kahlert C, Strahm C, Güsewell S, Cusini A, Brucher A, Goppel S, Möller E, Möller J, Ortner M, Ruetti M, Stocker R, Vuichard-Gysin D, Besold U, McGeer A, Risch L, Friedl A, Schlegel M, Vernazza P, Kuster S, Kohler P, SURPRISE (SURveillance of infectious diseases among health PROfessionals In SwitzErland) Study Group. Post-Acute Sequelae After Severe Acute Respiratory Syndrome Coronavirus 2 Infection by Viral Variant and Vaccination Status: A Multicenter Cross-Sectional Study. *Clin Infect Dis* 2023; 77:194–202.

Kohler P, Babouee Flury B, Güsewell S, Egger T, Leal-Neto O, Brucher A, Lemmenmeier E, Meier Kleeb D, Möller J, Ortner M, Rieder P, Ruetti M, Schmid H, Stocker R, Vuichard-Gysin D, Speer O, Wiggli B, Besold U, McGeer A, Risch L, Friedl A, Schlegel M, Vernazza P, Kahlert C, Kuster S, SURPRISE Study Group. Clinical symptoms of SARS-CoV-2 breakthrough infection during the Omicron period in relation to baseline immune status and booster vaccination—A prospective multicentre cohort of health professionals (SURPRISE study). *Influenza Other Respir Viruses* 2023; 17:e13167.

Schaerer V, Meier M, Schuepbach R, Zinkernagel A, Boumasmoud M, Chakrakodi B, Brugger S, Fröhlich M, Wolfensberger A, Sax H, Kuster S, Schreiber P. An intensive care unit outbreak with multi-drug-resistant *Pseudomonas aeruginosa* – spotlight on sinks. *J Hosp Infect* 2023; 139:161–167.

Sommerstein R, Troillet N, Harbarth S, van Linde M, Vuichard-Gysin D, Kuster S, Widmer A, Swissnoso group. Timing of Cefuroxime Surgical Antimicrobial Prophylaxis and Its Association With Surgical Site Infections. *JAMA Netw Open* 2023; 6:e2317370.

Kim P, Coleman B, Kwong J, Plevneshi A, Hassan K, Green K, McNeil S, Armstrong I, Gold W, Gubbay J, Katz K, Kuster S, Lovinsky R, Matukas L, Ostrowska K, Richardson D, McGeer A. Burden of Severe Illness Associated With Laboratory-Confirmed Influenza in Adults Aged 50–64 Years, 2010–2011 to 2016–2017. *Open Forum Infect Dis* 2022; 10:ofac664.

Popovici R, Kaelin M, Kuster S, Sax H, Rampini S, Zbinden R, Relly C, Zacek B, Bassler D, Fontijn J, Berger C. Low secondary attack rate after prolonged exposure to sputum smear positive miliary tuberculosis in a neonatal unit. *Antimicrob Resist Infect Control* 2022; 11:148.

Babouee Flury B, Güsewell S, Egger T, Leal O, Brucher A, Lemmenmeier E, Meier Kleeb D, Möller J, Rieder P, Rütli M, Schmid H, Stocker R, Vuichard-Gysin D, Wiggli B, Besold U, McGeer A, Risch L, Friedl A, Schlegel M, Kuster S, Kahlert C, Kohler P, SURPRISE Study Group. Risk and symptoms of COVID-19 in health professionals according to baseline immune status and booster vaccination during the Delta and Omicron waves in Switzerland—A multicentre cohort study. *PLoS Med* 2022; 19:e1004125.

Hascic A, Wolfensberger A, Clack L, Schreiber P, Kuster S, Sax H. Documentation of adherence to infection prevention best practice in patient records: a mixed-methods investigation. *Antimicrob Resist Infect Control* 2022; 11:107.

Strahm C, Seneghini M, Güsewell S, Egger T, Leal-Neto O, Brucher A, Lemmenmeier E, Meier Kleeb D, Möller J, Rieder P, Ruetli M, Rutz R, Schmid H, Stocker R, Vuichard-Gysin D, Wiggli B, Besold U, Kuster S, McGeer A, Risch L, Friedl A, Schlegel M, Schmid D, Vernazza P, Kahlert C, Kohler P. Symptoms Compatible With Long Coronavirus Disease (COVID) in Healthcare Workers With and Without Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection—Results of a Prospective Multicenter Cohort. *Clin Infect Dis* 2022; 75:e1011–e1019–9.

Schreiber P, Laager M, Boggian K, Neofytos D, van Delden C, Egli A, Dickenmann M, Hirzel C, Manuel O, Koller M, Rossi S, Schmied B, Gürke L, Matter M, Berney T, de Rougemont O, Kuster S, Stampf S, Mueller N, Swiss Transplant Cohort Study. Surgical site infections after simultaneous pancreas kidney and pancreas transplantation in the Swiss Transplant Cohort Study. *J Hosp Infect* 2022; 128:47–53.

Kachalov V, Kuster S, Balakrishna S, Schreiber P, Jakob W, Sax H, Kouyos R, Wolfensberger A. Modifiable and nonmodifiable risk factors for non-ventilator-associated hospital-acquired pneumonia identified in a retrospective cohort study. *Clin Microbiol Infect* 2022; 28:1451–1457.

Seneghini M, Rüfenacht S, Babouee Flury B, Flury D, Schlegel M, Kuster S, Kohler P. It is complicated: Potential short- and long-term impact of coronavirus disease 2019 (COVID-19) on antimicrobial resistance—An expert review. *Antimicrobial Stewardship & Healthcare Epidemiology* 2022

Seneghini M, Rüfenacht S, Babouee Flury B, Flury D, Schlegel M, Kuster S, Kohler P. It is complicated: Potential short- and long-term impact of coronavirus disease 2019 (COVID-19) on antimicrobial resistance—An expert review. *Antimicrob Steward Healthc Epidemiol* 2022; 2:e27.

Haller S, Vuichard-Gysin D, Wiggli B, Besold U, Kuster S, McGeer A, Risch L, Schlegel M, Friedl A, Vernazza P, Kahlert C, Stocker R, Rütli M, Güsewell S, Egger T, Scanferla G, Thoma R, Leal-Neto O, Flury D, Brucher A, Lemmenmeier E, Möller J, Rieder P, Kohler P. Impact of respirator versus surgical masks on SARS-CoV-2 acquisition in healthcare workers: a prospective multicentre cohort. *Antimicrob Resist Infect Control* 2022; 11:27.

Leal-Neto O, Kahlert C, Vernazza P, Kuster S, Babouee Flury B, Albrich W, Sumer J, Flury D, Schlegel M, Egger T, Kohler P. Digital SARS-CoV-2 Detection Among Hospital Employees: Participatory Surveillance Study. *JMIR Public Health Surveill* 2021; 7:e33576.

Kohler P, Wiggli B, Besold U, Kuster S, McGeer A, Risch L, Friedl A, Schlegel M, Vernazza P, Vuichard-Gysin D, Stocker R, Ruetli M, Güsewell S, Seneghini M, Egger T, Leal O, Brucher A, Lemmenmeier E, Möller J, Rieder P, Kahlert C. Impact of baseline SARS-CoV-2 antibody status on syndromic surveillance and the risk of subsequent COVID-19—a prospective multicenter cohort study. *BMC Med* 2021; 19:270.

Kahlert C, Albrich W, Babouee Flury B, Besold U, Fehr J, Kuster S, McGeer A, Risch L, Schlegel M, Friedl A, Vernazza P, Wiggli B, Vuichard-Gysin D, Stocker R, Persi R, Güsewell S, Egger T, Leal-Neto O, Sumer J, Flury D, Brucher A, Lemmenmeier E, Möller J, Rieder P, Kohler P. Non-occupational and occupational factors associated with specific SARS-CoV-2 antibodies among hospital workers – A multicentre cross-sectional study. *Clin Microbiol Infect* 2021; 27:1336–1344.

Tamò R, Turk T, Böni J, Kouyos R, Schmutz S, Huber M, Shah C, Bischoff-Ferrari H, Distler O, Battegay E, Giovanoli P, Guckenberger M, Kohler M, Müller R, Petry H, Ruschitzka F, McGeer A, Sax H, Weber R, Trkola A, Kuster S. Secondary attack rates from asymptomatic and symptomatic influenza virus shedders in hospitals: Results from the TransFLUas influenza transmission study. *Infect Control Hosp Epidemiol* 2021; 43:312–318.

Kohler P, Mueller N, Walti L, Schreiber P, Ragozzino S, Neofytos D, Manuel O, Kuster S, Khanna N, Hirzel C, Favre M, Van Delden C, Boggian K, Brönnimann A, Stampf S, Wolfensberger A, Swiss Transplant Cohort Study. Temporal trends, risk factors and outcomes of infections due to extended-spectrum β -lactamase producing Enterobacterales in Swiss solid organ transplant recipients between 2012 and 2018. *Antimicrob Resist Infect Control* 2021; 10:50.

Kohler P, Schlegel M, Risch L, Kuster S, McGeer A, Babouee Flury B, Albrich W, Nötter J, Leal-Neto O, Güsewell S, Flury D, Sumer J, Kahlert C, Vernazza P. Prevalence of SARS-CoV-2 antibodies among Swiss hospital workers: Results of a prospective cohort study. *Infect Control Hosp Epidemiol* 2020; 42:604–608.

Buckrell S, McGeer A, Kohler P, Drews S, Coleman K, Di Bella J, Kuster S, Powis J, Loeb M, Simor A, Muller M, Katz K, McNeil S, Coleman B, Canadian Healthcare Worker Study Group. Sources of viral respiratory infections in Canadian acute care hospital healthcare personnel. *J Hosp Infect* 2020

Kohler P, Schlegel M, Petignat C, Kuster S, Kahlert C, Héquet D, Harbarth S, Balmelli C, Egli A, Albrich W, Fulchini R, Kronenberg A. Antibiotic resistance in Swiss nursing homes: analysis of National Surveillance Data over an 11-year period between 2007 and 2017. *Antimicrob Resist Infect Control* 2018; 7:88.

Näf F,ENZLER-Tschudy A, Kuster S, Uhlig I, Steffen T. Abdominal actinomycosis mimicking a malignant neoplasm. *Surg Infect (Larchmt)* 2014; 15:462–463.

Achermann Y, Rössle M, Hoffmann M, Deggim V, Kuster S, Zimmermann D, Bloemberg G, Hombach M, Hasse B. Prosthetic valve endocarditis and bloodstream infection due to *Mycobacterium chimaera*. *J Clin Microbiol* 2013; 51:1769–73.

Projects (2)

Point Prevalence of Antibiotic Resistance in Helicobacter pylori in St. Gallen: An Observational Pilot Trial

Clinical Studies - May 1, 2024 - Jun 30, 2025

Scheduled

OASIS – Optimierung der Antibiotikanutzung im stationären Setting durch Interprofessionelles Stewardship

Healthcare Research - Dec 1, 2023 - Jun 30, 2024

Ongoing

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