

## Co/secondary infections with COVID-19 Literature Search Results 03/02/2021

### About the Co/secondary infections with COVID-19 Literature Search Results

This resource aims to highlight a small selection of recent Co/secondary infection with COVID-19 papers. The Co/secondary infections Team generate a report once a fortnight on a Wednesday. The report includes both preprints, which should be treated with caution as they are NOT peer-reviewed and may be subject to change, and also research that has been subject to peer review and wider scrutiny. The results are very rapidly produced and do not claim to be a perfect product; the inclusion or omission of a publication should not be viewed as an endorsement or rejection by PHE. We do not accept responsibility for the availability, reliability or content of the items included in this resource.

### About the Co/secondary infections with COVID-19 project

The Co/secondary infections with COVID-19 project provides surveillance data for bacterial, viral and fungal pathogens. The Project Board consists of over 40 pathogen experts across multiple PHE departments. A fortnightly literature search is conducted by Knowledge and Library Services and categorised by pathogen by the project team. If you would like to learn more about the co-infections work please contact Vicki Chalker or Ella Casale COVIDCo-infections@phe.gov.uk

Organism	Article Title	Journal
Acinetobacter	<a href="#">ESICM LIVES 2020</a>	Intensive Care Medicine Experimental
Aspergillus	<a href="#">SARS-CoV-2 and Aspergillus section Fumigati coinfection in an immunocompetent patient treated with corticosteroids.</a>	Revista Iberoamericana de Micologia. 2021.
Aspergillus	<a href="#">COMPLICATIONS OF CORONAVIRUS IN A PATIENT WITH COVID.</a>	Annals of Allergy, Asthma and Immunology. 2020
Aspergillus	<a href="#">THE MULBSTA SCORE: PREDICTING RISK OF MORTALITY AND DISEASE SEVERITY IN PATIENTS WITH COVID-19 PNEUMONIA.</a>	Chest. 2020
Aspergillus	<a href="#">Characterizing secondary infections in COVID 19 critically ill patients</a>	Intensive Care Medicine Experimental. 2020
Aspergillus	<a href="#">Co/Super infection in critical SARS-CoV2 pneumonia.</a>	Intensive Care Medicine Experimental. 2020
Aspergillus	<a href="#">When should we use corticosteroids in severe community-acquired pneumonia?</a>	Current opinion in infectious diseases. 2020
Aspergillus	<a href="#">SUPERINFECTIONS IN PATIENTS INFECTED WITH COVID-19: A SINGLE-CENTER EXPERIENCE</a>	Chest. 2020

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Aspergillus	<a href="#">E. COLI PNEUMONIA WITH PNEUMATOCELE, EMPYEMA NECESSITANS, AND BRONCHOPLEURAL FISTULA IN A PATIENT WITH SEVERE COVID-19.</a>	Chest. 2020
Aspergillus	<a href="#">Critically ill influenza patients-co-infections and cardiovascular events.</a>	Annals of Intensive Care. 2019
Burkholderia cepacia	<a href="#">LUNG ABSCESSSES IN A PATIENT TREATED WITH TOCILIZUMAB FOR COVID-19 PNEUMONIA COMPLICATED BY SEVERE HYPOXEMIC RESPIRATORY FAILURE</a>	Chest. 2020
Candida	<a href="#">Outbreak of Candida auris infection in a COVID-19 hospital in Mexico</a>	Clinical microbiology and infection
Candida	<a href="#">A TALE OF TWO SPECIES: FIRST REPORTED CASE OF AN EMPYEMA SECONDARY TO CO-INFECTION WITH SARS-COV-2 AND CANDIDA ALBICANS.</a>	Chest. 2020
Candida	<a href="#">Characterizing secondary infections in COVID 19 critically ill patients</a>	Intensive Care Medicine Experimental. 2020
Candida	<a href="#">Co/Super infection in critical SARS-CoV2 pneumonia</a>	Intensive Care Medicine Experimental. 2020
Candida	<a href="#">Co-infections in patients with COVID-19</a>	Italian Journal of Medicine. 2020
Candida	<a href="#">Infectious complications in ICU patients with SARS COV 2 respiratory infection</a>	Intensive Care Medicine Experimental. 2020
Candida	<a href="#">Critically ill influenza patients-co-infections and cardiovascular events</a>	Annals of Intensive Care. 2019
Chlamydia pneumoniae	<a href="#">Co-infection of chlamydia pneumoniae and mycoplasma pneumoniae with SARS-CoV-2 is associated with more severe features. T</a>	The Journal of infection. 2021
Enterobacter	<a href="#">Co/Super infection in critical SARS-CoV2 pneumonia.</a>	. Intensive Care Medicine Experimental. 2020
Enterobacter	<a href="#">Etiology of community-acquired pneumonia in patients with chronic heart failure</a>	European Journal of Heart Failure. 2019
Escherichia coli	<a href="#">A new aspect in neonatal calf diarrhea: Presence of escherichia coli cs31a at unexpected ratio.</a>	Veteriner Fakultesi Dergisi. 2021

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Escherichia coli	<a href="#">CD169 and CD64 could help differentiate bacterial from CoVID-19 or other viral infections in the Emergency Department</a>	Cytometry Part A
Haemophilus influenzae	<a href="#">Co/Super infection in critical SARS-CoV2 pneumonia</a>	Intensive Care Medicine Experimental. 2020
Haemophilus influenzae	<a href="#">INCIDENCE OF COINFECTION IN PATIENTS WITH COVID-19</a>	Chest. 2020
Klebsiella	<a href="#">Distribution and resistance of pathogens in infected patients within 1 year after heart transplantation</a>	International Journal of Infectious Diseases. 2021
Klebsiella	<a href="#">Characterizing secondary infections in COVID 19 critically ill patients</a>	Intensive Care Medicine Experimental. 2020
Klebsiella	<a href="#">Co/Super infection in critical SARS-CoV2 pneumonia</a>	Intensive Care Medicine Experimental. 2020
Klebsiella	<a href="#">Co-infections in patients with COVID-19.</a>	Italian Journal of Medicine. 2020
Klebsiella	<a href="#">SUPERINFECTIONS IN PATIENTS INFECTED WITH COVID-19: A SINGLE-CENTER EXPERIENCE</a>	Chest. 2020
Klebsiella	<a href="#">Infectious complications in ICU patients with SARS COV 2 respiratory infection</a>	. Intensive Care Medicine Experimental. 2020
Klebsiella	<a href="#">Etiology of community-acquired pneumonia in patients with chronic heart failure</a>	European Journal of Heart Failure. 2019
Mycobacterium tuberculosis	<a href="#">Coronavirus disease 2019 and extra-pulmonary tuberculosis co-infection - A case report and review of literature</a>	tuberculosis and other mycobacterial diseases.
Mycobacterium tuberculosis	<a href="#">COVID-19 and active primary tuberculosis in a low-resource setting: A case report</a>	Annals of Medicine and Surgery
Mycobacterium tuberculosis	<a href="#">REACTIVATION TB WITH SEVERE COVID-19</a>	Chest. 2020
Mycoplasma pneumoniae	<a href="#">Co-infection of chlamydia pneumoniae and mycoplasma pneumoniae with SARS-CoV-2 is associated with more severe features.</a>	The Journal of infection. 2021
Mycoplasma pneumoniae	<a href="#">SUPERINFECTIONS IN PATIENTS INFECTED WITH COVID-19: A SINGLE-CENTER EXPERIENCE.</a>	Chest. 2020

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Pseudomonas	<a href="#">Characterizing secondary infections in COVID 19 critically ill patients.</a>	Intensive Care Medicine Experimental. 2020
Pseudomonas	<a href="#">Co/Super infection in critical SARS-CoV2 pneumonia</a>	Intensive Care Medicine Experimental. 2020
Pseudomonas	<a href="#">SUPERINFECTIONS IN PATIENTS INFECTED WITH COVID-19: A SINGLE-CENTER EXPERIENCE</a>	Chest. 2020
Serratia	<a href="#">SUPERINFECTIONS IN PATIENTS INFECTED WITH COVID-19: A SINGLE-CENTER EXPERIENCE</a>	Chest. 2020
Staphylococcus aureus	<a href="#">Distribution and resistance of pathogens in infected patients within 1 year after heart transplantation</a>	International Journal of Infectious Diseases
Staphylococcus aureus	<a href="#">SUPERINFECTIONS IN PATIENTS INFECTED WITH COVID-19: A SINGLE-CENTER EXPERIENCE</a>	Chest. 2020
Staphylococcus aureus	<a href="#">Co-Infection in ICU patients with COVID 19</a>	Chest. 2020
Staphylococcus aureus	<a href="#">Critically ill influenza patients-co-infections and cardiovascular events</a>	Annals of Intensive Care. 2019
Stenotrophomonas	<a href="#">LUNG ABSCESES IN A PATIENT TREATED WITH TOCILIZUMAB FOR COVID-19 PNEUMONIA COMPLICATED BY SEVERE HYPOXEMIC RESPIRATORY FAILURE</a>	Chest. 2020
Stenotrophomonas	<a href="#">Co-Infection in ICU patients with COVID 19</a>	Intensive Care Medicine Experimental. 2020;
Streptococcus pneumo	<a href="#">CD169 and CD64 could help differentiate bacterial from CoVID-19 or other viral infections in the Emerg</a>	journal of the International Society for Analytical
Streptococcus pneumo	<a href="#">Co/Super infection in critical SARS-CoV2 pneumonia</a>	Intensive Care Medicine Experimental. 2020
Streptococcus pyogenes	<a href="#">LUNG ABSCESES IN A PATIENT TREATED WITH TOCILIZUMAB FOR COVID-19 PNEUMONIA COMPLICATED BY SEVERE HYPOXEMIC RESPIRATORY FAILURE</a>	Chest. 2020
Adenovirus	<a href="#">Detection of non-influenza related viral respiratory infections among returning haji pilgrims, the Islamic Republic of Iran 2017</a>	Oman Medical Journal. 2020;
Adenovirus	<a href="#">INCIDENCE OF COINFECTION IN PATIENTS WITH COVID-19</a>	Chest. 2020
Adenovirus	<a href="#">Rhinovirus in children presenting to the emergency department: Role of viral load in disease severity and co-infections.</a>	Open Forum Infectious Diseases. 2019

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Adenovirus	<a href="#">Epidemiology and clinical manifestations of acute viral respiratory infections in pediatric patients in Ukraine.</a>	Archives of Disease in Childhood. 2019;
Adenovirus	<a href="#">Respiratory viruses in adults with cystic fibrosis during stable and exacerbations</a>	European Respiratory Journal. 2019
Adenovirus	<a href="#">The role of PCR in diagnostics of acute respiratory viral infections in children</a>	European Respiratory Journal. 2019
Adenovirus	<a href="#">Human Metapneumovirus or Influenza A Upper Respiratory Tract Infection Associated with Increased Risk of Bacterial Superinfection in Allogeneic Hematopoietic Cell Transplant Recipients.</a>	Marrow Transplantation. 2019
Adenovirus	<a href="#">Burden of respiratory virus infections in solid-organ transplant recipients: A nationwide multi-season cohort study</a>	American Journal of Transplantation. 2019
Influenza A	<a href="#">Influenza virus infection increases ACE2 expression and shedding in human small airway epithelial cells</a>	The European respiratory journal. 2021.
Influenza A	<a href="#">Co-infection of COVID-19 and influenza A in a hemodialysis patient: a case report.</a>	BMC infectious diseases. 2021
Influenza A	<a href="#">Novel dual multiplex real-time RT-PCR assays for the rapid detection of SARS-CoV-2, influenza A/B, and adenovirus</a>	Emerging Microbes and Infections. 2021
Influenza A	<a href="#">Co-infection of influenza A virus and SARS-CoV-2: A retrospective cohort study</a>	Journal of Medical Virology. 2021
Influenza A	<a href="#">TO TEST OR NOT TO TEST? A CASE OF SARS-COV-2 AND INFLUENZA A VIRUS CO-INFECTION</a>	Chest. 2020
Influenza A	<a href="#">SUPERINFECTIONS IN PATIENTS INFECTED WITH COVID-19: A SINGLE-CENTER EXPERIENCE</a>	Chest. 2021
Influenza A	<a href="#">Coronavirus Disease 2019 Pneumonia in Wuhan, China: Wu C, Chen X, Cai Y, et al. JAMA Intern Med. doi:10.1001/jamainternmed.2020.0994.</a>	Journal of Emergency Medicine. 2020
Influenza A	<a href="#">INCIDENCE OF COINFECTION IN PATIENTS WITH COVID-19</a>	Chest. 2020
Influenza A	<a href="#">Epidemiology and clinical manifestations of acute viral respiratory infections in pediatric patients in Ukraine</a>	Archives of Disease in Childhood. 2019
Influenza A	<a href="#">The role of PCR in diagnostics of acute respiratory viral infections in children.</a>	European Respiratory Journal. 2019
Influenza A	<a href="#">al. Human Metapneumovirus or Influenza A Upper Respiratory Tract Infection Associated with Increased Risk of Bacterial Superinfection in Allogeneic Hematopoietic Cell Transplant Recipients.</a>	Marrow Transplantation. 2019

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Flu A	<a href="#">CD169 and CD64 could help differentiate bacterial from CoVID-19 or other viral infections in the Emergency Department.</a>	journal of the International Society for Analytical
Flu A	<a href="#">Human Metapneumovirus or Influenza A Upper Respiratory Tract Infection Associated with Increased Risk of Bacterial Superinfection in Allogeneic Hematopoietic Cell Transplant Recipients</a>	Marrow Transplantation. 2019
HIV	<a href="#">Prognosis of coronavirus disease 2019 (COVID-19) in patients with HIV infection in New York City</a>	HIV medicine. 2021
HIV	<a href="#">Zooming to a cure: Harnessing telemedicine to offer mobile hepatitis C testing and treatment</a>	Hepatology. 2020
HIV	<a href="#">A DRY COUGH CONUNDRUM: A RARE CASE OF PNEUMOCYSTIS JIROVECI PNEUMONIA IN SYSTEMIC LUPUS ERYTHEMATOUS PATIENT ON HYDROXYCHLOROQUINE</a>	Chest. 2020
HIV	<a href="#">Antiretroviral Drugs for Treatment and Prevention of HIV Infection in Adults: 2020 Recommendations of the International Antiviral Society-USA Panel.</a>	Journal of the American Medical Association. 2020
HIV	<a href="#">When should we use corticosteroids in severe community-acquired pneumonia?</a>	Current opinion in infectious diseases. 2020
HIV	<a href="#">Mortality of AKI in human immunodeficiency virus with and without co-infection with COVID-19</a>	Society of Nephrology. 2020
HIV	<a href="#">Lymphocyte subpopulations in critical SARS-CoV2 infection.</a>	Intensive Care Medicine Experimental. 2020
HIV	<a href="#">REACTIVATION TB WITH SEVERE COVID-19</a>	Chest. 2020
HIV	<a href="#">COVID-19 symptoms and SARS-CoV-2 infection among people living with HIV in the US: the MACS/WIHS combined cohort study</a>	HIV research & clinical practice. 2020
HIV	<a href="#">Assessment of paediatric dental guidelines and caries management alternatives in the post COVID-19 period. A critical review and clinical recommendations.</a>	paediatric dentistry : official journal of the
HIV	<a href="#">High-frequency oscillatory ventilation in treating severe pediatric ards caused by pneumocystis jiroveci pneumonia and multiple viral infections</a>	Pediatric Pulmonology. 2019
HIV	<a href="#">High-frequency oscillatory ventilation in treating severe pediatric ards caused by pneumocystis jiroveci pneumonia and multiple viral infections</a>	Pediatric Pulmonology. 2019
Human metapneumovirus	<a href="#">Epidemiology and clinical manifestations of acute viral respiratory infections in pediatric patients in Ukraine.</a>	Archives of Disease in Childhood. 2019
Human metapneumovirus	<a href="#">Human Metapneumovirus or Influenza A Upper Respiratory Tract Infection Associated with Increased Risk of Bacterial Superinfection in Allogeneic Hematopoietic Cell Transplant Recipients</a>	Marrow Transplantation. 2019

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Human metapneumovirus	<a href="#">Etiology of community-acquired pneumonia in patients with chronic heart failure.</a>	European Journal of Heart Failure. 2019
Parainfluenza	<a href="#">INCIDENCE OF COINFECTION IN PATIENTS WITH COVID-19</a>	Chest. 2020
Parainfluenza	<a href="#">Rhinovirus in children presenting to the emergency department: Role of viral load in disease severity and co-infections</a>	Open Forum Infectious Diseases. 2019
Parainfluenza	<a href="#">The role of respiratory panel PCR in decreasing antibiotic exposure in patients diagnosed with a respiratory viral infection.</a>	Open Forum Infectious Diseases. 2019
Parainfluenza	<a href="#">Epidemiology and clinical manifestations of acute viral respiratory infections in pediatric patients in Ukraine</a>	Archives of Disease in Childhood. 2019
Parainfluenza	<a href="#">Human Metapneumovirus or Influenza A Upper Respiratory Tract Infection Associated with Increased Risk of Bacterial Superinfection in Allogeneic Hematopoietic Cell Transplant Recipients</a>	Marrow Transplantation. 2019
Parainfluenza	<a href="#">Burden of respiratory virus infections in solid-organ transplant recipients: A nationwide multi-season cohort study</a>	American Journal of Transplantation. 2019
Parainfluenza	<a href="#">Respiratory viral infections and patient outcomes in solid organ transplant recipients</a>	American Journal of Transplantation. 2019;
RSV A/B	<a href="#">Novel dual multiplex real-time RT-PCR assays for the rapid detection of SARS-CoV-2, influenza A/B, and respiratory syncytial virus using the BD MAX open system</a>	Emerging Microbes and Infections. 2021
RSV A/B	<a href="#">Detection of non-influenza related viral respiratory infections among returning hajj pilgrims, the Islamic Republic of Iran 2017.</a>	Oman Medical Journal. 2020
RSV A/B	<a href="#">The surge of dengue cases during COVID-19 in Indonesia.</a>	New Armenian Medical Journal. 2020
RSV A/B	<a href="#">Rhinovirus in children presenting to the emergency department: Role of viral load in disease severity and co-infections.</a>	Open Forum Infectious Diseases. 2019
RSV A/B	<a href="#">Epidemiology and clinical manifestations of acute viral respiratory infections in pediatric patients in Ukraine.</a>	Archives of Disease in Childhood. 2019
RSV A/B	<a href="#">Respiratory viruses in adults with cystic fibrosis during stable and exacerbations</a>	European Respiratory Journal. 2019
RSV A/B	<a href="#">The role of PCR in diagnostics of acute respiratory viral infections in children</a>	European Respiratory Journal. 2019
RSV A/B	<a href="#">Respiratory viral infections and patient outcomes in solid organ transplant recipients</a>	American Journal of Transplantation. 2019

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RSV A/B	<a href="#">Detection of respiratory viruses in cystic fibrosis: comparison of nasal FLOQ Swabs™ and sputum using the FilmArray platform.</a>	Journal of Cystic Fibrosis.
Coronavirus OC43	<a href="#">HISTOPLASMOSIS IN PATIENT WITH SARCOIDOSIS</a>	Chest. 2020