

Infectious Diseases Publications 2021 (revised 2021-12-20)

Title	Authors	Link / citation
1. Individual and public health consequences associated with a missed diagnosis of pulmonary tuberculosis in the emergency department: A retrospective cohort study	Heffernan C, Paulsen C, Asadi L , Egedahl M-L, Rowe BH, Barrie J, Long R	PLoS ONE March 2021;16(3):e0248493
2. Healthcare workers hospitalized due to COVID-19 have no higher risk of death than general population. Data from the Spanish SEMI-COVID-19 Registry	Díez-Manglano J, Solís-Marquínez MN, García AA, Alcalá-Rivera N, Riesco IM, Aseguinolaza MG, Pérez JLB, Bailón MM, Ruiz A-EL-I, Gómez MG, Cilleros CM, Fontan PMP, Vázquez LA, Encinar JCB, Boixeda R, Sánchez RGI, de la Peña Fernández A, Amigo JL, Sevilla JE, Garcia MG, Escalante MDM, Gamboa JOM, Cervera CG , Núñez DFG, the SEMI-COVID-19 Network	PLoS ONE February 2021;16(2):e0247422
3. Network meta-analysis of post-exposure prophylaxis randomized clinical trials	Fernández I, de Lazzari E, Inciarte A, Diaz-Brito V, Milinkovic A, Arenas-Pinto A, Etcheverry F, García F, Leal L, Fernandez E, Gonzalez E, Lucero C, Leon A, Garcia, F, Manzardo C, Nicolas, D, Bodro M, del Rio A, Cardozo C, Cervera C , Pericas JM, Sanclemente G, de la Calle C, Morata L, Soriano A, Espinosa G, Blanco JL, Martinez E, Mallolas J, the HIV-PEP Group	HIV Medicine March 2021;22(3):218-224
4. Re: Treatment duration of enterococcal intravascular catheter-related infections—authors' reply	Rosselli Del Turco E, Bartoletti M, Dahl A, Cervera C , Pericàs JM	Clinical Microbiology and Infection March 2021;27(3):493
5. How do I manage a patient with enterococcal bacteraemia?	Rosselli Del Turco E, Bartoletti M, Dahl A, Cervera C , Pericàs JM	Clinical Microbiology and Infection March 2021;27(3):364-371
6. Rifampin-resistant/multidrug-resistant Tuberculosis in Alberta, Canada: Epidemiology and treatment outcomes in a low-incidence setting	Edwards BD, Edwards J, Cooper R , Kunimoto D , Somayaji R, Fisher D	PLoS ONE February 2021;16(2):e0246993
7. Effectiveness and Renal Safety of Tenofovir Alafenamide Fumarate among Chronic Hepatitis B Patients: Real-World Study	Mina S Farag, Scott Fung, Edward Tam, Karen Doucette , Alexander Wong, Alnoor Ramji, Brian Conway, Curtis Cooper, Keith Tsoi, Philip Wong, Giada Sebastiani, Mayur Brahmania, Sarah Haylock-Jacobs, Carla S Coffin, Bettina E Hansen, Harry L A Janssen	Journal of Viral Hepatitis March 2021;doi:10.1111/jvh.13500
8. Distinct Hepatitis B and HIV co-infected populations in Canada	Cooper C, Driedger M, Wong D, Haylock-Jacobs S, Aziz Shaheen A, Osiowy C, Fung S, Doucette K , Wong A, Barrett L, Conway B, Ramji A, Minuk G, Sebastiani G, Wong P, Coffin CS	Journal of Viral Hepatitis March 2021;28(3):517-527
9. Endothelial activation is associated with intestinal epithelial injury, systemic inflammation and treatment regimen in children living with vertically acquired HIV-1 infectio	Choudhury B, Brown J, Ransy DG, Brophy J, Kakkar F, Bitnun A, Samson L, Read S, Soudeyns H, Vaudry W, Houston S , Hawkes MT	HIV Medicine April 2021;22(4):273-282

10. Donor Graft Cytomegalovirus Serostatus and the Risk of Arterial and Venous Thrombotic Events in Seronegative Recipients After Non-Thoracic Solid Organ Transplantation	Belga S, MacDonald C, Chiang D, Kabbani D , Shojai S, Abraldes JG, Cervera C	Clinical infectious diseases: an official publication of the Infectious Diseases Society of America March 2021;72(5):845-852
11. Donor Cytomegalovirus Transmission Patterns in Solid Organ Transplant Recipients With Primary Infection	Hasing ME, Pang XL, Mabilangan C, Preiksaitis JK	The Journal of Infectious Diseases March 2021;223(5):827-837
12. Free-living amoebae and other neglected protistan pathogens: Health emergency signals?	Angelici MC, Walochnik J, Calderaro A, Saxinger L , Dacks JB	European Journal of Protistology February 2021;77:125760
13. The canadian fungal research network: Current challenges and future opportunities	Horianopoulos LC, Gluck-Thaler E, Gelber IB, Cowen LE, Geddes-Mcalister J, Landry CR, Schwartz IS , Scott JA, Sellam A, Sheppard DC, Spribille TI, Subramaniam R, Walker AK, Harris SD, Shapiro RS, Gerstein AC	Canadian Journal of Microbiology January 2021;67(1):13-22
14. Editorial MMCR special issue 'Covid-19 associated pulmonary aspergillosis'	Warris A, Schwartz I	Medical Mycology Case Reports March 2021;31:1
15. Variability of hydroxy-itraconazole in relation to itraconazole bloodstream concentrations	Wiederhold NP, Schwartz IS , Patterson TF, Thompson GR, III	Antimicrobial Agents and Chemotherapy April 2021;65(4):e02353-20
16. Reply to Ku et al	Schwartz IS , Friedman DZP, Dingle TC, Smith SW	Clinical infectious diseases: an official publication for the Infectious Diseases Society of America March 2021;72(5):900-901
17. Increased mortality associated with uncontrolled diabetes mellitus in patients with pulmonary cryptococcosis: a single US cohort study	Archuleta S, Gharamti AA, Sillau S, Castellanos P, Chadalawada S, Mundo W, Bandali M, Oñate J, Martínez E, Chastain DB, DeSanto K, Shapiro L, Schwartz IS , Franco-Paredes C, Henao-Martínez AF	Ther Adv Infectious Dis April 2021;8:1-12
18. Identifying gaps in the treatment of hepatitis C in patients co-infected with HIV in Edmonton, Alberta	Round JM, Savaryn B, Plitt SS, Shafran SD , Charlton CL	Annals of Hepatology July 2021;23:100283
19. Hepatitis C direct-acting antiviral outcomes in patients 75 years and older	Parmar P, Shafran SD , Borgia SM, Doucette K , Cooper CL	JGH Open February 2021;5(2):253-257

20. Do covid-19 infections result in a different form of secondary hemophagocytic lymphohistiocytosis	Chu R, van Eeden C, Suresh S, Sligl W , Osman M, Tervaert JWC	International Journal of Molecular Sciences March 2021;22(6):1-16
21. Pregnancy among hiv-serodiscordant couples: Case report of vertical transmission and retrospective case series	Choudhury B, Stadnyk M, Jijon DF, McLaughlin L, Kanji JN, Charlton C, Smyczek P, Vaudry W, Houston S , Tse-Chang A, Hawkes MT	Current HIV Research March 2021;19(3):269-276
22. Burden of noninfluenza respiratory viral infections in adults admitted to hospital: analysis of a multiyear Canadian surveillance cohort from 2 centres	Lee N, Smith S , Zelyas N, Klarenbach S, Zapernick L, Bekking C, So H, Yip L, Tipple G, Taylor G, Mubareka S	CMAJ March 2021;193(13):E439-E446
23. COVID-19 epidemiology in Canada from January to December 2020: the pre-vaccine era	David Waldner , Robyn Harrison , Jennie Johnstone, Lynora Saxinger , Duncan Webster, and Wendy Sligl	FACETS • 20 May 2021 • <u>https://doi.org/10.1139/facets-2021-0029</u>
24. Targeted Prophylaxis to Prevent Late-Onset Pneumocystis jirovecii Pneumonia in Kidney Transplantation: Are We There Yet?	Carlos Cervera , Maryna Yaskina, Dima Kabbani	Clinical Infectious Diseases, Volume 73, Issue 7, 1 October 2021, Pages e1464–e1466, <u>https://doi.org/10.1093/cid/ciaa1619</u>
25. Pneumocystis jirovecii: a review with a focus on prevention and treatment	Weyant R.G., Kabbani D. , Doucette K. , Lau C., Cervera C.	Expert Opinion on Pharmacotherapy, 22:12, 1579-1592, <u>https://doi.org/10.1080/14656566.2021.1915989</u>
26. International survey of human herpes virus 8 screening and management in solid organ transplantation	Mularoni A., Mikulska M., Giannella M., Adamoli L., Slavin M., Van Delden C., Garcia J.M.A., Cervera C. , Grossi P.A.	Transpl Infect Dis.2021;23:e13698. <u>https://doi.org/10.1111/tid.13698</u>
27. Real-life experience with cerggolozane/tazobactam in Canada: results from the CLEAR (Canadian Leadership on Antimicrobial Real-life usage) registry	Zhanel G.G., Dhama R., Baxter M., Kosar J., Cervera C. , Irfan N., Zvonar R., Boriga S., Tessier J-F., Dow G., Ariano R., Dube M.	Journal of Global Antimicrobial Resistance Volume 25, June 2021, Pages 346-350 <u>https://doi.org/10.1016/j.jgar.2021.03.025</u>
28. Neutrophils promote T-cell activation through the regulated release of CD44-bound Galectin-9 from the cell surface during HIV infection	Dunsmore G., Rosero E.P., Shahbaz S., Santer D.M., Jovel J., Lacy P., Houston S. , Elahi S.	PLOS Biology 19(8): e3001387. <u>https://doi.org/10.1371/journal.pbio.3001387</u>
29. Epidemiological and clinical characteristics of alveolar echinococcosis: An emerging infectious disease in Alberta, Canada	Houston S. , Belga S., Buttenschoen K., Cooper, R. , Girgis S., Gottstein B., Low G., Massolo A., MacDonald C., Muller N., Preiksaitis J. , Sarlieve P.	Am. J. Trop. Med. Hyg., 104(5), 2021, pp. 1863–1869 doi:10.4269/ajtmh.20-1577 <u>https://doi.org/10.4269/ajtmh.20-1577</u>

30. Clinical impact of vancomycin-resistant enterococci colonization in nonliver solid organ transplantation and its implications for infection control strategies: A single-center, 10-year retrospective study	McFarlane A.C., Kabbani D., Bakal J. A., Smith S.W.	Transpl Infect Dis.2021;23:13747 https://doi.org/10.1111/tid.13747
31. Informing COVID-19 vaccination priorities based on the prevalence of risk factors among adults in Canada	McAlister F.A., Bushnik T., Leung A.A., Saxinger L.	CMAJ April 26, 2021 193 (17) E617-E621; DOI: https://doi.org/10.1503/cmaj.210529
32. Health Services: Informing COVID-19 vaccination priorities based on the prevalence of risk factors among adults in Canada	McAlister F.A., Bushnik T., Leung A.A., Saxinger L.	CMAJ 2021 April 26;193:E617-21. doi: 10.1503/cmaj.210529 https://doi.org/10.1503/cmaj.210529
33. Histoplasmosis acquired in Alberta, Canada: an epidemiological and genomic study	Dingle T.C., Croxen M.A., Fathima S., Shokoples S., Sonpar A., Saxinger L., Schwartz I.S.	Lancet Microbe 2021; 2: e191–9 https://doi.org/10.1016/S2666-5247(20)30229-9
34. One Health Evaluation of Antimicrobial Use and Resistance Surveillance: A Novel Tool for Evaluating Integrated, One Health Antimicrobial Use Surveillance Programs	Haworth-Brockman M., Saxinger L.M., Miazga-Rodriguez M., Wierzbowski A., Otto S.J.G.	Public Health, 04 August 2021 https://doi.org/10.3389/fpubh.2021.693703
35. A multi-factorial observational study on sequential fecal microbiota transplant in patients with medically refractory clostridioides difficile infection	Monaghan T.M., Duggal N.A., Rosati E., Griffin R., Hughes J., Roach B., Yang D.Y., Wang C., Wong K., Saxinger L., Pucic-Bakovic M., Vuckovic F.	Cells 2021, 10(11), 3234; https://doi.org/10.3390/cells10113234
36. Treatment of moderate to severe respiratory COVID-19: a cost-utility analysis	Congly S.E., Varughese R.A., Brown C.E., Clement F.M., Saxinger L.	Sci Rep 11, 17787 (2021). https://doi.org/10.1038/s41598-021-97259-7
37. Public health implications of SARS-CoV-2 variants of concern: A rapid scoping review	Somerville M., Curran J.A., Dol J., Boulos L., Saxinger L., Doroshenko A., Hastings S., Reynolds B., Gallant A.J., Shin H.D., Wong H., Crowther D.	BMJ Open 2021;11:e055781. doi:10.1136/bmjopen-2021-055781 http://dx.doi.org/10.1136/bmjopen-2021-055781
38. Bacterial Superinfections among Persons with Coronavirus Disease 2019: A Comprehensive Review of Data from Postmortem Studies	Clancy C.J., Schwartz I.S., Kula B., Nguyen M.H.	Open Forum Infectious Diseases, Volume 8, Issue 3, March 2021, ofab065, https://doi.org/10.1093/ofid/ofab065
39. Variability of hydroxy-itraconazole in relation to itraconazole bloodstream concentrations	Widerhold Np.P., Schwartz I.S., Patterson T.F., Thompson G.R, III	Antimicrob Agents Chemother. 2021 Mar 18;65(4):e02353-20. DOI: https://doi.org/10.1128/AAC.02353-20

40. Emerging Fungal Infections	Spallone A., Schwartz I.S.	Infect Dis Clin N Am 35 (2021) 261–277 https://doi.org/10.1016/j.idc.2021.03.014
41. Cross-reactivity of a Histoplasma capsulatum antigen enzyme immunoassay in urine specimens from persons with emergomycosis in South Africa	Maphanga T.G., Naicker S.D., Gomez B.L., Mhlanga M., Mpembe R.S., Schwartz I.S. , Bamford C., Nel J., Govender N.P.	<i>Medical Mycology</i> , Volume 59, Issue 7, July 2021, Pages 672–682, https://doi.org/10.1093/mmy/myaa100
42. Invasive mould disease in fatal COVID-19: a systemic review of autopsies	Kula B.E., Clancy C.J., Hong Nguyen M., Schwartz I.S.	Lancet Microbe 2021; 2: e405–1. June 23, 2021 https://doi.org/10.1016/S2666-5247(21)00091-4
43. Mucormycosis: time to address this deadly fungal infection	Stone N., Gupta N., Schwartz I.	https://doi.org/10.1016/S2666-5247(21)00148-8
44. Sleeping with the enemy: Will the covid-19 pandemic turn the tide of antimicrobial-resistant infections?	Laupland K.B., Collignon P.J., Schwartz I.S.	Official Journal of the Association of Medical Microbiology and Infectious Disease Canada 6.3, 2021 doi: 10.3138/jammi-2021-05-28 https://doi.org/10.3138/jammi-2021-05-28
45. Blastomycosis in Africa and the Middle East: A Comprehensive Review of Reported Cases and Reanalysis of Historical Isolates Based on Molecular Data	Schwartz I.S. , Munoz J.F., Kenyon C.R., Govender N.P., McTaggart L., Maphanga T.G., Richardson S., Becker P., Cuomo C.A., McEwen J.G., Sigler L.	<i>Clinical Infectious Diseases</i> , Volume 73, Issue 7, 1 October 2021, Pages e1560–e1569, https://doi.org/10.1093/cid/ciaa1100
46. Identifying the Patients Most Likely to Die from Cryptococcal Meningitis: Time to Move from Recognition to Intervention	Stone N.R. H., Schwartz I.S.	<i>Clinical Infectious Diseases</i> , Volume 73, Issue 9, 1 November 2021, Pages e3083–e3084, https://doi.org/10.1093/cid/ciaa1756
47. What went wrong: A reckoning of Canada's contributions to evidence-based medicine through clinical trials during the COVID-19 pandemic	Schwartz I.S. , Lee T.C., McDonald E.G., Laupland K.B.	Official Journal of the Association of Medical Microbiology and Infectious Disease Canada 6.4, 2021 https://doi.org/10.3138/jammi-2021-0922
48. Coronavirus Disease 2019-Associated Invasive Fungal Infection	Baddley J.W., Thompson G.R., Chen S.C.-A., White P.L., Johnson M.D., Nguyen M. H., Schwartz I.S. , Spec A., Ostrosky-Zeichner L., Jackson B.R., Patterson T.F., Pappas P.G.	<i>Open Forum Infectious Diseases</i> , Volume 8, Issue 12, December 2021, ofab510, https://doi.org/10.1093/ofid/ofab510
49. Global guideline for the diagnosis and management of the endemic mycoses: an initiative of the European Confederation of Medical Mycology in cooperation with the International	Thompson G.R., III, Le T., Chindamporn A., Kauffman C.A., Alastruey-Izaquierdo A., Ampel N.M., Andes D.R., Armstrong-James D., Ayanlowo O., Baddley J.W., Barker B.M., Lopes Bezerra L., Buitrago M.J., Chamani-Tabriz L., Chan J.F.W, Chayakulkeeree M., Cornely O.A., Cunwei C., Gangneux J.-P., Govender N.P., Hagen F., Hedayati M.T., Hohl T.M., Jouvion G., Kenyon C., Kibbler C.C., Klimko N., Kong D.C.M., Krause R.,	Lancet Infect Dis 2021; 21: e364–74 Published Online August 5, 2021 https://doi.org/10.1016/S1473-3099(21)00191-2

Society for Human and Animal Mycology	Lee Lee L., Meintjes G., Miceli M.H., Rath P.-M., Spec A., Queiroz-Telles F., Variava E., Verweij P.E., Schwartz I.S. , Pasqualotto A.C.	
50. Reply to: "Real-world experience of serial serum levels of GS-331007 in chronic hepatitis C hemodialysis patients during and after sofosbuvir/velpatasvir therapy"	Borgia S.M., Shafran S.D.	J Hepatol. 2021 Oct;75(4):1007-1008. doi: 10.1016/j.jhep.2021.07.009. Epub 2021 Jul 19. PMID: 34293344. https://doi.org/10.1016/j.jhep.2021.07.009
51. Outcomes among critically ill adults with influenza infection	Aziza E., Slemko J., Zapernick L., Smith S.W. , Lee N., Sligl W. I.	JAMMI Volume 6, Issue 4, Pages 269 – 277 December 2021 https://doi.org/10.3138/jammi-2021-0011
52. Development of an Ordinal Scale Treatment Endpoint for Adults Hospitalized With Influenza	Lee N., Smith S.W. , Hiu D.S.C., Ye M., Zelyas N., Chan P.K.S., Drews S.J., Zapernick L., Wong R., Labib M., Shokoples S., Eurich D. T.	<i>Clinical Infectious Diseases</i> , Volume 73, Issue 11, 1 December 2021, Pages e4369–e4374, https://doi.org/10.1093/cid/ciaa777
53. Mycobacteria: Selection of Transplant Candidates and Post-lung Transplant Outcomes	Friedman D.Z.P., Doucette K.	Semin Respir Crit Care Med. 2021 Jun;42(3):460-470. doi: 10.1055/s-0041-1727250. Epub 2021 May 24. PMID: 34030207. https://doi.org/10.1055/s-0041-1727250
54. Atelectasis in primary graft dysfunction survivors after lung transplantation	Li D., Abele J., Weinkauff J., Kapasi A., Hirji A., Varughese R., Nagendran J., Lien D., Doucette K. , Halloran K.	Clin Transplant.2021 Jul;35(7):e14315. doi: 10.1111/ctr.14315. Epub 2021 Apr 25 https://doi.org/10.1111/ctr.14315
55. Cytomegalovirus transmission in mismatched solid organ transplant recipients: Are factors other than anti-viral prophylaxis at play?	Hernandez C., Mabilangan C., Burton C., Doucette K. , Preiksaitis J.	American Journal of Transplantation Volume 21, Issue 12, Pages 3958 – 3970 December 2021 https://doi.org/10.1111/ajt.16734
56. Interferon-gamma release assays for latent tuberculosis infection screening in Canadian federal correctional facilities	Agostinis A., Heffernan C., Long R., Beckon A., Cockburn S., Ahmed R.	International Journal of Tuberculosis and Lung Disease Volume 25, Issue 6, Pages 447 - 4521 June 2021 https://doi.org/10.5588/ijtld.20.0801
57. Local Transmission Plays No Important Role in the Occurrence of Multidrug-Resistant Tuberculosis in Immigrants to Canada: An In-depth Epidemiologic Analysis	Long R., Lau A., Egedahl M.L., Paulsen C., Heffernan C., Edwards B., Cooper R.	Journal of Infectious Diseases Volume 224, Issue 6, Pages 1029 - 103815 September 2021 https://doi.org/10.1093/infdis/jiab045