

Digest: Covid19 research

Research studies, systematic reviews and expert commentaries sourced from <u>LitCovid</u> & compiled by the RCSLT research team. Please send article references to <u>katie.chadd@rcslt.org</u> for inclusion in the next update.

01 April 2020- 07 April 2020

Protection of the workforce

Abd-Elsayed, A. & Jay, K. (2020). <u>Utility of Substandard Face Mask Options for Health Care Workers During the COVID-19 Pandemic</u>. Anesthesia & Analgesia. 10.1213/ANE.000000000004841

Bartoszko, J. J., Farooqi, M. A. M., Alhazzani, W.& Loeb, M. (2020). <u>Medical Masks vs N95 Respirators for Preventing COVID-19 in Health Care Workers A Systematic Review and Meta-Analysis of Randomized Trials.</u> Influenza and Other Respiratory Viruses. https://doi.org/10.1111/irv.12745.

Belingheri, M., Paladino, M. E. & Riva, M. A. (2020). <u>Beyond the assistance: additional exposure situations to COVID-19 for healthcare workers.</u> Journal of Hospital Infection. https://doi.org/10.1016/j.jhin.2020.03.033

Chen, W. & Huang, Y. (2020). <u>To Protect Healthcare Workers Better, To Save More Lives</u>. Anesthesia & Analgesia. 10.1213/ANE.000000000004834

Ferioli, M. Cisternino, C., Leo, V. Pisani, L. Palange, P. & Nava, S. <u>Protecting healthcare workers from SARS-CoV-2 infection: practical indications</u>. European Respiratory Review, 29, 200068.

Lui, R. N., Wong, S.H., Sánchez-Luna, S. A., Pellino, G., Bollipo, S., Wong, M., Chiu P. W. Y. & Sung, J. J. Y. (2020). <u>Overview of guidance for endoscopy during the coronavirus disease 2019 (COVID-19) pandemic</u>. Journal of Gastroenterology & Hepatology. https://doi.org/10.1111/jgh.15053

Tysome, J. R. & Bhutta, M. F. (2020). <u>COVID-19 Protecting our ENT workforce</u>. Clinical Otolaryngology. <u>https://doi.org/10.1111/coa.13542</u>

Workman, A. D., Welling, B. Carter, B. S., Curr, W. T., Holbrook, E. H., Gray. S. T., Scangas, G. A. & Bleier, B. S. (2020). <u>Endonasal instrumentation and aerosolization risk in the era of COVID-19: simulation, literature review, and proposed mitigation strategies.</u> Allergy & Rhinology. https://doi.org/10.1002/alr.22577

Clinician mental health

Huang, J., Liu, F., Teng, Z., Chen, J., Zhao, J., Wang, X. & Wu, R. (2020). <u>Care for the psychological status of frontline medical staff fighting against COVID-19.</u> Clinical Infectious Diseases, ciaa385. https://doi.org/10.1093/cid/ciaa385



Jun, J., Tucker, S, & Melnyk, B. (2020). <u>Clinician Mental Health and Well-Being During Global Healthcare Crises: Evidence Learned From Prior Epidemics for COVID-19 Pandemic.</u> News on Evidence-based Nursing. https://doi.org/10.1111/wvn.12439.

Clinical information

De Felize, F., Polimeni, A. & Valentini, V. (2020). <u>The impact of Coronavirus (Covid-19) on head and neck cancer patients' care.</u> Radiotherapy and Oncology, 147, 84-85

Ferguson, L. & Barham, D. (2020). <u>Palliative Care Pandemic Pack: a Specialist Palliative Care Service response to planning the COVID-19 pandemic</u>. Journal of Pain and Symptom Management. <u>https://doi.org/10.1016/j.jpainsymman.2020.03.026</u>

Gardner, W., States, D., & Bagley, N. (2020). <u>The Coronavirus</u> and the Risks to the Elderly in Long-Term Care. Journal of Aging and Social Policy https://doi.org/10.1080/08959420.2020.1750543

Gaur, S., Dumyati, G., Nace, D., & Jump, R. (2020). <u>Unprecedented Solutions for Extraordinary Times: Helping Long-Term Care Settings Deal with the COVID-19 Pandemic</u>. Infection Control & Hospital Epidemiology, 1-8. doi:10.1017/ice.2020.98

Givi, B., Schiff, B. A., Chinn, S. B. et al. (2020). <u>Safety Recommendations for Evaluation and Surgery of the Head and Neck During the COVID-19 Pandemic</u>. JAMA Otolaryngology Head Neck Surgery. 10.1001/jamaoto.2020.0780

Khosravani, H., Rajendram, P., Notario, L., Chapman, M. G. & Menon, B. K. (2020). Hyperacute Stroke Management During the Coronavirus Disease 2019 (COVID-19) Pandemic. Stroke AHA. https://doi.org/10.1161/STROKEAHA.120.029838Stroke.

Tseng, T. Wu, H., Ku, H. & Tai, C. (2020). <u>The Impact of the COVID-19 Pandemic on Disabled and Hospice Home Care Patients.</u> Journals of Gerontology, Series A, glaa081. https://doi.org/10.1093/gerona/glaa081

Wang, H. Li, T., Barbarino, P., Gauthier, S., Brodaty, H., Molinuevo, J. L., Xie, H., Sun, Y., Yu, E., Tang, Y., Weidner, W. & Yu, X. (2020). <u>Dementia care during COVID-19</u>. The Lancet. https://doi.org/10.1016/S0140-6736(20)30755-8

Yang, Y., Soh, H. Y., Cai, Z. G., Peng, X., Zhang, Y. & Guo, C. B. (2020). <u>Experience of Diagnosing and Managing Patients in Oral Maxillofacial Surgery during the Prevention and Control Period of the New Coronavirus Pneumonia.</u> Chinese Journal of Dental Research, 23 (1), 57-62. 10.3290/j.cjdr.a44339

Zhao, J., Rudd, A. & Liu, R. (2020). <u>Challenges and Potential Solutions of Stroke Care During the Coronavirus Disease 2019 (COVID-19) Outbreak.</u> Stroke AHA. https://doi.org/10.1161/STROKEAHA.120.029701

Service delivery

Lee, I., Kovarik, C., Tejasvi, T., Pizarro, M. & Lipoff, J. B. (2020). <u>Telehealth: Helping Your Patients and Practice Survive and Thrive During the COVID-19 Crisis with Rapid Quality Implementation</u>. Journal of the American Academy of Dermatology. https://doi.org/10.1016/j.jaad.2020.03.052.



Data and informatics

Bhopal, R. (2020). <u>Covid-19 worldwide: we need precise data by age group and sex urgently</u>. BMJ, 369. <u>https://doi.org/10.1136/bmj.m1366</u>.

Wang, Y., Jin, Y., Ren, X., Zhang, X., Zeng, X., Wang, X. (2020). <u>Updating the diagnostic criteria of COVID-19 "suspected case" and "confirmed case" is necessary</u>. Military Medical Research, 7 (17). https://doi.org/10.1186/s40779-020-00245-9

Working with service users

Abel, T. & McQueen, D. (2020). <u>Critical health literacy and the COVID-19 crisis.</u> Health Promotion International, daaa040. https://doi.org/10.1093/heapro/daaa040

Armitage, R. & Nellums, L. B. (2020). <u>The COVID-19 response must be disability inclusive</u>. The Lancet Public Health. https://doi.org/10.1016/S2468-2667(20)30076-1

Druss, B. J. (2020). <u>Addressing the COVID-19 Pandemic in Populations With Serious Mental Illness.</u> JAMA Psychiatry. 10.1001/jamapsychiatry.2020.0894.

Liu, J., Bao, Y., Huang, X., Shi, J. & Lu, L. (2020). <u>Mental health considerations for children quarantined because of COVID-19.</u> The Lancet Child & Adolescent Health. https://doi.org/10.1016/S2352-4642(20)30096-1

Narzisi, A. (2020). <u>Handle the Autism Spectrum Condition during Coronavirus (COVID-19)</u> <u>Stay at Home Period: Ten Tips for Helping Parents and Caregivers of Young Children</u>. Brain Sciences. 10 (4), 207. https://doi.org/10.3390/brainsci10040207

Rasmussen, S. A. & Thompson, L. A. (2020). <u>Coronavirus Disease 2019 and Children: What Pediatric Health Care Clinicians Need to Know</u>. JAMA Pediatrics. 10.1001/jamapediatrics. 2020. 1224

Rosenthal, D. M., Ucci, M. & Heys, M. (2020). <u>Impacts of COVID-19 on vulnerable children in temporary accommodation in the UK.</u> The Lancet Public Health.

Schiariti, V. (2020). <u>The human rights of children with disabilities during health emergencies:</u> the challenge of COVID-19. Developmental Medicine and Child Neurology. https://doi.org/10.1111/dmcn.14526.

Weaver, M. S. & Wiener, L. (2020). <u>Applying Palliative Care Principles to Communicate with Children about COVID-19</u>. Journal of Pain and Symptom Management. https://doi.org/10.1016/j.jpainsymman.2020.03.020