Webinar: Spotlight on Long Covid Thursday 8 July 2021 Organised by the Royal Society of Medicine

#### **Resources from speakers**

Al-Aly Z, Xie Y, Bowe B. <u>High-dimensional characterization of post-acute sequalae of COVID-19.</u> <u>Nature</u> (2021) doi:10.1038/s41586-021-03553-9. pmid:33887749

Amin-Chowdhury, Z., Harris, R.J., Aiano, F., Zavala, M., Bertran, M., Borrow, R. et al (2021). <u>Characterising long COVID more than 6 months after acute infection in adults; prospective</u> <u>longitudinal cohort study, England medRxiv [Preprint]</u>

Ayoubkhani D, Khunti K, Nafilyan V, et al. (2021) <u>Post-covid syndrome in individuals admitted to</u> <u>hospital with covid-19: retrospective cohort study</u>. BMJ 372:n693

British Heart Foundation, Long Covid: the symptoms and tips for recovery

British Lung Foundation, What is Long Covid?

Briggs A and Vassall A, Count the cost of disability caused by Covid-19 Nature

Buonsenso D, Munblit D, De Rose C et al <u>Preliminary evidence on long Covid in children</u> Wiley Online Library

CDC, Long-term effects of Covid-19

Daugherty SE, Guo Y, Heath K, et al. (2021) <u>Risk of clinical sequelae after the acute phase of SARS-</u> <u>CoV-2 infection: retrospective cohort study</u>. BMJ 373:n1098.

Di Gessa, Maddock J, Green MJ, Chaturvedi N et al <u>Mental health inequalities in healthcare</u>, <u>economic</u>, <u>and housing disruption during COVID-19</u>: <u>an investigation in 12 longitudinal studies</u> medRxiv [Preprint]

Dennis A, Wamil M, Alberts J <u>On behalf of COVERSCAN study investigators, et al Multiorgan</u> <u>impairment in low-risk individuals with post-COVID-19 syndrome: a prospective, community-based</u> <u>study</u> BMJ Open 2021

Fair Health (2021) <u>A detailed study of patient with Long-Haul Covid. An analysis of private healthcare</u> <u>claims</u>

Heightman, M., Prashar J, Hillman, T., Marks, M., Livingston, R., Ridsdale, H. et al. (2021) <u>Post-COVID</u> <u>assessment in a specialist clinical service: a 12-month, single-centre analysis of symptoms and</u> <u>healthcare needs in 1325individuals</u> medRxiv [Preprint]

Huang C, Wang Y, Li X et al <u>Clinical features of patients infected with 2019 novel coronavirus in</u> <u>Wuhan, China</u> The Lancet

Gupta, A., Madhavan, M.V., Sehgal, K. *et al.* Extrapulmonary manifestations of COVID-19. Nat Med 26, 1017–1032 (2020)

Guan W, Ni Z, Hu Y et al, <u>Clinical Characteristics of Coronavirus Disease 2019 in China</u> New England Journal of Medicine

Long Covid Support (2021) Long Covid Clinics survey

Maddock J, Parsons S, Di Gessa G, et al <u>Inequalities in healthcare disruptions during the Covid-19</u> pandemic: Evidence from 12 UK population-based longitudinal studies medRxiv [Preprint]

Maybin JA (PI). The effect of the menstrual cycle on longer-term symptoms of COVID-19. Royal Society of Edinburgh Research Reboot (COVID-19 Impact) Research Grant. £24 831.40. May 2021 to Nov 2021.

Nalbandian, A., Sehgal, K., Gupta, A. et al. <u>Post-acute COVID-19 syndrome</u>. Nat Med 27, 601–615 (2021)

NHS, Long-term effects of coronavirus (long Covid)

NIHR (2021) Living with Covid19 – Second Review

Nurek, Martine and Rayner, Clare and Freyer, et al <u>Recommendations for the Recognition, Diagnosis</u>, <u>and Management of Patients with Post COVID-19 Condition ('Long COVID'): A Delphi Study</u> The Lancet

O'Sullivan, O., Barker-Davies, R.M., Thompson, K., Bahadur, S., Gough, M., Lewis, S. et al (2021) <u>Rehabilitation post-COVID-19: cross-sectional observations using the Stanford Hall remote</u> <u>assessment tool</u>. BMJ Mil Health.

ONS, <u>Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK: 1 April</u> 2021

ONS, Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK: 1 July 2021

OpenSAFELY Collaborative, Tazare J, Walker AJ et al <u>Rates of serious clinical outcomes in survivors</u> <u>of hospitalisation with COVID-19: a descriptive cohort study within the OpenSAFELY platform</u> medRxiv [Preprint]

OpenSAFELY Collaborative, Walker AJ, MacKenna B <u>Clinical coding of long COVID in English primary</u> <u>care: a federated analysis of 58 million patient records in situ using OpenSAFELY</u> medRxiv [Preprint]

PHOSP-COVID, <u>Physical, cognitive and mental health impacts of COVID-19 following hospitalisation –</u> a multi-centre prospective cohort study – UK wide national consortium study

Raman B, Cassar MP, Tunnicliffe E, Filippini N et al <u>Medium-term effects of SARS-CoV-2 infection on</u> <u>multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital</u> <u>discharge</u> The Lancet

Taquet M, Geddes JR, Husain M, Luciano S, Harrison PJ.(2021) <u>6-month neurological and psychiatric</u> <u>outcomes in 236 379 survivors of COVID-19: a retrospective cohort study using electronic health</u> <u>records</u>. Lancet Psychiatry 2021; 8:416-27.

Thompson EJ, Williams DM, Walker AJ, <u>Risk factors for long COVID: analyses of 10 longitudinal</u> <u>studies and electronic health records in the UK</u> medRxiv [Preprint]

UCL, COVID-19 Longitudinal Health and Wellbeing

UCL, Convalescence Long-COVID Study

Villadsen A, Praveetha P, Bann D, <u>Mental health in relation to changes in sleep, exercise, alcohol and diet during the COVID-19 pandemic: examination of four UK cohort studies</u> medRxiv [Preprint]

Walker, A.J., MacKenna, B., Inglesby, P., Rentsch, C.T., Curtis, H.J., Morton, C.E., et al (2021) <u>Clinical</u> <u>coding of long COVID in English primary care: a federated analysis of 58 million patient records in</u> <u>situ using OpenSAFELY</u>. medRxiv [Preprint]

Wielgoszewska B, Maddock J, Green MJ, Di Gessa G et al <u>The UK Coronavirus Job Retention Scheme</u> and changes in diet, physical activity and sleep during the COVID-19 pandemic: Evidence from eight longitudinal studies medRxiv [Preprint]

#### **Resources from RSM Library**

Amin-Chowdhury & Ladhani. <u>Causation or confounding: why controls are critical for characterizing</u> <u>long COVID.</u> Nat Med. 2021 Jun 17 – Freely available to RSM members

Augustin et al. <u>Post-COVID syndrome in non-hospitalised patients with COVID-19: a longitudinal</u> <u>prospective cohort study.</u> Lancet Reg Health Eur. 2021 Jul;6:100122 - Open Access/Free PMC article

Ausín-García et al. <u>Long-term consequences of SARS-COV2 infection: Long-Covid patterns and</u> <u>possible public health implications.</u> Med Clin (Barc). 2021 May 6;S0025-7753(21)00213-X - Open Access/Free PMC article

Bell et al. <u>Implementation and evaluation of a COVID-19 rapid follow-up service for patients</u> <u>discharged from the emergency department.</u> Clin Med (Lond). 2021 Jan;21(1):e57-e62 - Open Access/Free PMC article

Bliddal et al. <u>Acute and persistent symptoms in non-hospitalized PCR-confirmed COVID-19 patients.</u> Sci Rep. 2021 Jun 23;11(1):13153 - Open Access/Free PMC article

Blomberg et al. Long COVID in a prospective cohort of home-isolated patients. Nat Med. 2021 Jun 23 – Freely available to RSM members

Brüssow et al. <u>COVID-19: long covid and its societal consequences.</u> Environ Microbiol. 2021 Jun 10 – Freely available to RSM members

Carod-Artal, F.J. [Post-COVID-19 syndrome: epidemiology, diagnostic criteria and pathogenic <u>mechanisms involved</u>] Rev Neurol. 2021 Jun 1;72(11):384-396 [Article in Spanish] – Open Access article

Denneny et al. <u>A Role for Steroids in COVID-19-associated Pneumonitis at Six-Week Follow-Up?</u> Ann Am Thorac Soc. 2021 Jun;18(6):1082-1083 – Open Access article

Dennis et al. <u>Multiorgan impairment in low-risk individuals with post-COVID-19 syndrome: a</u> <u>prospective, community-based study.</u> BMJ Open. 2021 Mar 30;11(3):e048391 – Open Access article

Desimmie et al. <u>Insights into SARS-CoV-2 Persistence and Its Relevance</u>. Viruses. 2021 May 29;13(6):1025 - Open Access/Free PMC article

Elliott et al. <u>COVID-19 mortality in the UK Biobank cohort: revisiting and evaluating risk factors.</u> Eur J Epidemiol. 2021 Mar;36(3):299-309 - Open Access/Free PMC article

Fernández-de-Las-Peñas et al. <u>Proposed integrative model for post-COVID symptoms.</u> Diabetes Metab Syndr. 2021 Jun 1;15(4):102159 – Freely available to RSM members

Gandotra & Russell. <u>The Long and the Short of It: Is "Long COVID" More Than Slow Resolution of the</u> <u>Acute Disease?</u> Ann Am Thorac Soc. 2021 Jun;18(6):948-950 – Freely available to RSM members

Garg et al. <u>The Conundrum of 'Long-COVID-19': A Narrative Review.</u> Int J Gen Med. 2021 Jun 14;14:2491-2506 - Open Access/Free PMC article

Iqbal et al. <u>Characteristics and predictors of acute and chronic post-COVID syndrome: A systematic</u> <u>review and meta-analysis.</u> EClinicalMedicine. 2021 May 24;36:100899 - Open Access/Free PMC article

Lanham et al. <u>COVID-19 emergency department discharges: an outcome study.</u> Clin Med (Lond). 2021 Mar;21(2):e126-e131 - Open Access/Free PMC article

Mandal et al. <u>'Long-COVID': a cross-sectional study of persisting symptoms, biomarker and imaging abnormalities following hospitalisation for COVID-19.</u> Thorax. 2021 Apr;76(4):396-398 - Open Access/Free PMC article

Marshall, M. <u>The four most urgent questions about long COVID.</u> Nature. 2021 Jun;594(7862):168-170 – Freely available to RSM members

Maxwell, E. <u>Unpacking post-covid symptoms</u>. BMJ. 2021 May 19;373:n1173 – Freely available to RSM members

Omololu et al. <u>"Long COVID": A case report of persistent symptoms in a patient with prolonged</u> <u>SARS-CoV-2 shedding for over 110 days.</u> SAGE Open Med Case Rep. 2021 May 16;9:2050313X211015494 - Open Access/Free PMC article

Orrù et al. Long-COVID Syndrome? A Study on the Persistence of Neurological, Psychological and Physiological Symptoms. Healthcare (Basel). 2021 May 13;9(5):575 - Open Access/Free PMC article

Parums, D.V. <u>Editorial: Long COVID, or Post-COVID Syndrome, and the Global Impact on Health Care.</u> Med Sci Monit. 2021 Jun 7;27:e933446 - Open Access/Free PMC article

Peghin et al. <u>Post-COVID-19 symptoms 6 months after acute infection among hospitalized and non-hospitalized patients</u>. Clin Microbiol Infect. 2021 Jun 7;S1198-743X(21)00281-0 – Freely available to RSM members

Riley et al. <u>REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study</u> <u>protocol.</u> Wellcome Open Res. 2021 Apr 21;5:200 - Open Access/Free PMC article

Shah et al. <u>UK guidelines for managing long-term effects of COVID-19.</u> Lancet. 2021 May 8;397(10286):1706 – Open Access/Free PMC article

Sudre et al. <u>Attributes and predictors of long COVID.</u> Nat Med. 2021 Apr;27(4):626-631 – Freely available to RSM members

Sudre et al. <u>Author Correction: Attributes and predictors of long COVID.</u> Nat Med. 2021 Jun;27(6):1116 – Freely available to RSM members