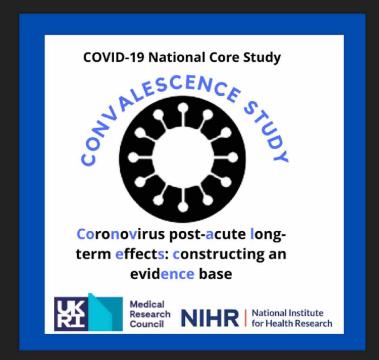




1ST FEBRUARY 2022

Cabinet Office Teach In



long COVID

EVIDENCE FROM THE CONVALESCENCE STUDY,
COVID-19 LONGITUDINAL HEALTH AND WELLBEING NATIONAL
CORE STUDY



FINDINGS

- Prevalence of long COVID in 45,096 longitudinal population cohort participants ranges from 8-17%
- Daily life is affected 12+weeks after COVID-19 infection in 1.2% of 20 years olds and 4.8% in middle age.
- Coding of long COVID by GPs is low.
- Long COVID patients are falling at the first hurdle in accessing support or treatment. Only 21 out of 38 respondents had managed a GP appointment and 2/38 have managed to access long COVID clinics.
- Risk factors for long COVID include: women, obesity, prior asthma, prior adverse physical and mental health and white ethnicity.
- Symptom Analysis: High and low symptom reporting clusters identified. Comparison of symptoms across 3 groups (No COVID-19, COVID-19<4 weeks and COVID-19 > 12weeks) is ongoing.
- COVID-19 has long term adverse effects, irrespective of long COVID symptoms
- Health and socioeconomic consequences observed even in those who apparently make a full recovery.
- Risk of adverse outcomes is much higher in hospitalised COVID-19 patients compared to the general population but similar to those hospitalised with pneumonia.
- Increased risk of heart disease and clots even a year post infection excess risks even in those not hospitalised, some indication that ethnic minorities have greater risk

CONVALESCENCE STUDY



AUTHORS

Co-leads Nish Chaturvedi Jonathan Sterne

Long COVID Risk Factors

Ellen J. Thompson, Dylan M. Williams, Alex J. Walker, Ruth E. Mitchell, Claire L. Niedzwiedz, Tiffany C. Yang8, Charlotte F. Huggins, Alex S. F. Kwong, Richard J. Silverwood, Giorgio Di Gessa, Ruth C.E. Bowyer, Kate Northstone, Bo Hou, Michael J. Green, Brian Dodgeon, Katie J. Doores, Emma L. Duncan, Frances Williams, OpenSAFELY Collaborative, Andrew Steptoe, David J. Porteous, Rosemary R. C. McEachan, Laurie Tomlinson, Ben Goldacre, Praveetha Patalay, George B. Ploubidis, Srinivasa Vittal Katikireddi, Kate Tilling, Christopher T. Rentsch, Nicholas J Timpson, Nishi Chaturvedi, Claire J. Steves

Low long COVID GP coding

Alex J Walker, Brian MacKenna, Peter Inglesby, Laurie Tomlinson, Christopher T Rentsch, Helen J Curtis, Caroline E Morton, Jessica Morley, Amir Mehrkar, Seb Bacon, George Hickman, Chris Bates, Richard Croker, David Evans, Tom Ward, Jonathan Cockburn, Simon Davy, Krishnan Bhaskaran, Anna Schultze, Elizabeth J Williamson, William J Hulme, Helen I McDonald, Rohini Mathur, Rosalind M Eggo, Kevin Wing, Angel YS Wong, Harriet Forbes, John Tazare, John Parry, Frank Hester, Sam Harper, Shaun O'Hanlon, Alex Eavis, Richard Jarvis, Dima Avramov, Paul Griffiths, Aaron Fowles, Nasreen Parkes, Ian J Douglas, Stephen JW Evans, Liam Smeeth, Ben Goldacre and (The OpenSAFELY Collaborative)

Symptom Clustering

Richard Silverwood, Kate Tilling, Dylan Williams, Ellen Thompson, Ruth Bowyer, Charlotte Huggins, Renin Toms, Alex Kwong, Richard Shaw, Bo Hou

Qualitative Study

Sarah Baz, Chao Fang, JD Carpentieri & Laura Sheard

Mental Health

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Society and Health

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Cardiovascular Risk

The OpenSAFELY Collaborative; John Tazare, Alex J Walker, Laurie Tomlinson, George Hickman, Christopher T Rentsch, Elizabeth J Williamson, Krishnan Bhaskaran, David Evans, Kevin Wing, Rohini Mathur, Angel YS Wong, Anna Schultze, Seb Bacon, Chris Bates, Caroline E Morton, Helen J Curtis, Emily Nightingale, Helen I McDonald, Amir Mehrkar, Peter Inglesby, Simon Davy, Brian MacKenna, Jonathan Cockburn, William J Hulme, Charlotte Warren-Gash, Ketaki Bhate, Dorothea Nitsch, Emma Powell, Amy Mulick, Harriet Forbes, Caroline Minassian, Richard Croker, John Parry, Frank Hester, Sam Harper, Rosalind M Eggo, Stephen JW Evans, Liam Smeeth, Ian J Douglas, Ben Goldacre.

Cardiovascular Outcomes

Rochelle Knight, Venexia Walker, Samantha Ip, Jennifer A Cooper, Thomas Bolton, Spencer Keene, Rachel Denholm, Ashley Akbari, Hoda Abbasizanjani, Fatemeh Torabi, Efosa Omigie, Sam Hollings, Teri-Louise North, Renin Toms, Emanuele Di Angelantonio, Spiros Denaxas, Johan H Thygesen, Christopher Tomlinson, Ben Bray, Craig J Smith, Mark Barber, George Davey Smith, Nishi Chaturvedi, Cathie Sudlow, William N Whiteley, Angela Wood, Jonathan AC Sterne, Joint work from the CVD-COVID-UK/COVID-IMPACT consortium and the Longitudinal Health and Wellbeing COVID-19 13 National Core Study

CONVALESCENCE STUDY