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# Using imaging to combat a pandemic: rationale for developing the UK National COVID-19 Chest Imaging Database

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The National COVID-19 Chest Imaging Database (NCCID) is a repository of chest radiographs, CT and MRI images and clinical data from COVID-19 patients across the UK, to support research and development of AI technology and give insight into COVID-19 disease <https://bit.ly/3eQueuha>

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Since the emergence of the novel coronavirus, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), in Wuhan, China in 2019 [1], the resulting coronavirus disease 2019 (COVID-19) disease has rapidly transitioned into a global pandemic with over 31 000 deaths and 215 000 infections in the UK as of 10 May 2020 [2]. Confirmation of SARS-CoV-2 infection requires reverse transcriptase PCR (RT-PCR) testing [3]. Chest radiographic and/or computed tomography (CT) imaging is also central to diagnosis and management [4].