

Reviewer Report

Title: An overview of the National COVID-19 Chest Imaging Database: data quality and cohort analysis

Version: Revision 1 **Date:** 8/20/2021

Reviewer name: Chris Armit

Reviewer Comments to Author:

This excellent Data Note describes the National COVID-19 Chest Imaging Database (NCCID). This fantastic resource hosts approximately 20,000 thoracic imaging studies related to SARS-CoV2 admissions from 20 NHS Hospitals / Trusts across England and Wales, and additionally includes the NCCID Project Workspace which enables researchers to analyse these data on a remote server where the NCCID data can be accessed. The manuscript is well-written, and in their response the authors have addressed all my comments and have clarified that the MTA form has been replaced by the data access request form and trusted research environment that I used during the review process. In addition, the authors have addressed the comments from the other reviewers. I applaud the authors for highlighting the clinical significance of imaging for understanding COVID-associated pneumonitis. In addition, I thank the authors for further highlighting that this manuscript "is the only Data Note describing the NCCID in detail" and that "there are no other manuscripts of this nature for this particular database". The NCCID is an outstanding resource, and I anticipate it being used widely by the biomedical research community. This is an exceptional Data Note and I recommend this manuscript for publication in GigaScience.

Level of Interest

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Quality of Written English

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I work for GigaScience where I perform checks on the quality of image data and the image analysis approach. My funding is not dependent on the outcome of this review, and I declare that I have no competing interests.

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