**Different** **cardiac performance in patients with COVID-19 in ICU and general ward by standard and strain echocardiography**

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**Authors’ contributions**

H.W, ZY. L, JF. W, J. L, G. Y, T.Z, FY. H, Q.L, M.L, M.C, H. H were involved in the study design and protocol development. All authors were involved in this clinical trial and vouch for the adherence of the trial to the protocol, for the accuracy of the data, and for the complete reporting of adverse events. H.W and ZY. L contributed equally to this article. ZY. L conducted the statistical analysis. All authors reviewed, revised, and approved the final version of the manuscript.

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**Availability of data and materials**

Data are available upon reasonable request. The datasets used during the current study are available from the corresponding author on reasonable request. Individual participant data without names and identifiers that underlie the result reported in this article are available on request. The data will be available for others to request immediately after publication of the article. The proposal with detailed description of study objectives will be needed for evaluation of the reasonability to request our data. The data requestors will need to sign a data access agreement to gain the datasets. The proposals should be directed to huanghe@wchscu.cn.

**Ethics approval and consent to participate**

The study was approved by the institutional ethics committee (study number 2020–226) and all patients provided written informed consent.

**Consent for publication**

Not applicable

**Competing interests**

None declared.

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