

11069**Echocardiographic findings in COVID-19 patients with cardiovascular disease**

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Funding Acknowledgements: Type of funding sources: None.**Background:** COVID-19 has rapidly spread around the world and threatened global health. Although this disease mainly affects the respiratory system, there is increasing evidence that SARS-CoV-2 also has effects on the cardiovascular system. Echocardiography is a valuable tool in the assessment of cardiovascular disease.**Purpose:** The study's purpose was to investigate the echocardiographic parameters in COVID-19 patients with cardiovascular disease (CVD).**Methods:** Eighty-two patients (males, 54%; mean age, 64 ± 12 years) who were confirmed COVID-19 infection were enrolled in this study. Forty (48.7%) patients had underlying CVD. Echocardiography was performed in all patients for evaluation of cardiac function.**Results:** Size of right atrium (38.3 ± 4.7 ; 33.6 ± 4.5 mm) and right ventricle outflow tract (36.7 ± 4.4 ; 33.2 ± 4.1 mm), mitral E/Ea ratio (9.8 ± 3.1 ; 8.4 ± 2.7) were increased, whereas TAPSE (20.2 ± 3.9 ; 22.6 ± 3.5 mm) was decreased in patients with CVD compared with those without CVD.**Conclusion:** The most frequent echocardiographic findings in COVID-19 patients with CVD was impaired systolic function of right ventricle and diastolic function of left ventricle.