

COVID-19 Community Transmission among Healthcare Workers at a Tertiary Care Cardiac Center

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Abstract

Aim: To determine the frequency, mode of transmission, and outcome of Coronavirus Disease 2019 (COVID-19) among healthcare workers (HCWs) in a tertiary care cardiac center in the Kingdom of Saudi Arabia (KSA). **Methods:** This is a retrospective study of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) infected HCWs and was conducted from 2 March to 31 December 2020. Data related to the presence of COVID-19 symptoms, mode of transmission, hospitalization, and mortality were collected from the patients' medical records. **Results:** Of the 4462 patients tested for COVID-19 by real-time reverse transcriptase polymerase chain reaction (RT-PCR), 203 (4.5%) HCWs were positive; of these, 125 (61.6%) were males, and the most common age group.

Received: May 20, 2022; **Accepted:** May 25, 2022; **Published:** May 31, 2022

Biography:

Mazin Barry is a researcher in the Department of General, Department of Internal Medicine, College of Medicine, Saudi Arabia.