

Case Report of a Transfusion-Associated Circulatory Overload Leading to Cardiac Arrest in a COVID-19 Positive Patient

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ABSTRACT

Although case reports have been made regarding adverse transfusion reactions, few have been made regarding blood transfusions leading to cardiac arrest. Today, we present a case of a COVID-19 positive Bahraini male, triple vaccinated, transfused with packed red blood cell (pRBC) after finding out he has low haemoglobin levels (64 g/dl) after routine laboratory investigations. During the blood transfusion, he developed hypertension, tachycardia and tachypnoea. The patient went into cardiac arrest within a few minutes of this presentation. Return of spontaneous circulation was achieved, and the patient was managed as transfusion-associated circulatory overload (TACO) with a good overall outcome.

Keywords: Blood transfusion, Reactions, Cardiac arrest

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