

A case of cardiac arrest following brugada syndrome as a rare disorder

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Abstract:

Objective: Brugada syndrome (BrS) is a disorder in which the electrical activity in the heart is abnormal and affects individuals with cardiac dysrhythmia. In the present study, we introduce a case diagnosed with BrS, admitted to intensive care unit (ICU) and received treatments following sudden cardiac arrest. Case Report: The patient was a male 25-year-old medical student enrolled in the sixth academic year who suffered from loss of consciousness due to sudden cardiac arrest. The patient immediately received cardiopulmonary resuscitation (CPR) measures, was visited by a cardiologist and a neurologist, and was consequently treated with medications. After an 8-day stay in the coronary care unit (CCU), the patient regained his level of consciousness and he was transferred to the ICU of Faghihi hospital in the city of Shiraz, Iran. Being diagnosed with BrS and following pulmonary aspiration treatments, he finally implanted with an implantable cardioverter defibrillator (ICD). Conclusion: Fortunately, necessary measures had been taken on time for the introduced patient and he was discharged with full recovery after 6 days

Keywords:

Brugada syndrome (BrS), Cardiac arrest, Implantable cardioverter defibrillator(ICD), Emergency medicine