Case report: Atrial fibrillation on wolff - parkinson - white syndrome cause heart failure

Long Vien Hoang

Introduction: A 48 years - old male patient had been diagnosed atrial fibrillation on WPW syndrome. He could not be converted to sinus rhythm for ablation with cardio-version and had been prescribed amiodarone 200 mg once a day for 6 months. After 6 months, the rhythm still was atrial fibrillation with wide QRS, the patient felt tired, difficult to breath. Echo showed EF was 18% and patient's hand was cold and wet. The patient underwent emergency EPS for ablation. After 1 hour, we ablated successfully the accessory pathway while atrial fibrillation.

Methods: Case report

Result: Next day, patient got echo and EF increased to 36% (still atrial fibrillation). After three months, the EF came back to normal with optimal treatment.

Conclusion: Atrial fibrillation on WPW syndrome cause heart failure rapidly. Sometimes we need to do ablation while atrial fibrillation if we can not convert to sinus rhythm.