Case report: Atrial fibrillation on Wolff - Parkinson - White syndrome cause heart failure

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Introduction:
Atrial fibrillation on Wolff – Parkinson – White is one of emergency situation. If we could not convert to sinus rhythm, the patient would become heart failure. But in fact, sometimes it is not easy like theory.

Methods:
Case report

Object and methodology:
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 cardioversion 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.

Results:
Next day, patient got echo and EF increased to 38% (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.