Case report: Multi accessory pathways: endocardial and epicardial

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Introduction: A 44 years-old male patient had been diagnosed WPW syndrome. He underwent to cath lab for electrophysiology study and ablation. The 12 lead ECG suggested an type A Wolff – Parkinson – White syndrome with left lateral pathway. We induced an narrow QRS tachycardia, the earliest atrial activation is on CS distal (same as A-V fusion wave on sinus rhythm). After successful ablation on CS distal, another tachycardia appeared which got different sequence in CS (the earliest atrial activation is on CS 7-8, but not fusion).

Methods: Case report

Result: We tried many time from left ventricular endocardial but not success. We tried approach via coronary sinus vein and stopped the tachycardia after 2 seconds. No more delta wave after ablation from CS.

Conclusion: There were both endocardia and epicardia pathway in a patient is very rare but still.