Quiz: Electrophysiology

Figure 1. Twelve-lead resting ECG (paper speed 25 mm/s) showing normal sinus rhythm with a short PQ interval, but there is no clear “Delta” wave in any lead.

Figure 2. Twelve-lead ECG taken during supraventricular tachycardia (paper speed 25 mm/s).

Figure 3. Intracardiac recordings taken during the electrophysiology study (paper speed 100 mm/s). Five surface ECG (I,II,III,AVF, V1,V2)/ HRA in the right ventricle, HIS bundle region (HISd,HISi,HISp)/ Decapolar CS catheter (CS 1-2 is the distal pole)/ MAPd bipolar recording from the mapping catheter, MAPd located in the anterior part of the mitral valve.

What are the likely possibilities?
A. AVNRT
B. Concealed left accessory pathway
C. Right-sided accessory pathway
D. Atrial flutter with 1:1 conduction

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