

ECG #42

A 27-year-old woman presents to the emergency department with a history of intermittent palpitations.

Describe and interpret her initial 12-lead electrocardiogram:



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DESCRIPTION:

- Sinus rhythm (ventricular rate 79 bpm)
- Very short PR interval (114 ms)
- Normal QRS axis (15°)
- Prolonged QRS duration (124 ms)
- Slurred upstroke to the QRS complexes
- Dominant S wave in V1
- ST-segment elevation with negative delta waves in leads III and aVF
- ST-segment depression with subtle biphasic T wave inversion in leads I and aVL
- Prolonged QTc interval 474 ms

INTERPRETATION:

[Wolff-Parkinson-White Syndrome](#) – Type B Pattern with pseudo-infarction pattern

CASE RESOLUTION:

...to follow!