

# ECG #41

A 22-year-old man presents to the emergency department reporting a 3-day history of dull left-sided chest discomfort on a background of recent upper respiratory tract infection.

Describe and interpret his initial 12-lead electrocardiogram:



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## DESCRIPTION:

- Ventricular rate 116 bpm
- Sinus rhythm/tachycardia
- Normal PR interval 162 ms
- Normal QRS axis ( $86^\circ$ )
- Prolonged QRS duration 114 ms
- Prominent coved ST-segment elevation  $\geq 2$  mm in V1 and V2, followed by negative T waves
- Coved ST/J-point elevation also present in aVL and aVR
- ST-segment depression and T wave inversion in II, III, and aVF
- Normal QTc 364 ms

## INTERPRETATION:

[Brugada Syndrome](#) Type 1 ECG pattern

## CASE RESOLUTION:

...to follow!