

Asymptomatic Caucasian male with spontaneous Type 1 Brugada electrocardiographic Pattern. Anything else?



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Case report

Reason for the consultation: preoperative evaluation for nasal septum deviation surgery.

A 38-year-old Caucasian asymptomatic male. Recent complete check-up was absolutely normal.

He has a family history of sudden death in young first degree relative. His brother had sudden death at 23 years at rest.

Physical examination: unremarkable.

Electrocardiogram: see slides 3-5.

ECG/VCG correlation: see slide 6.

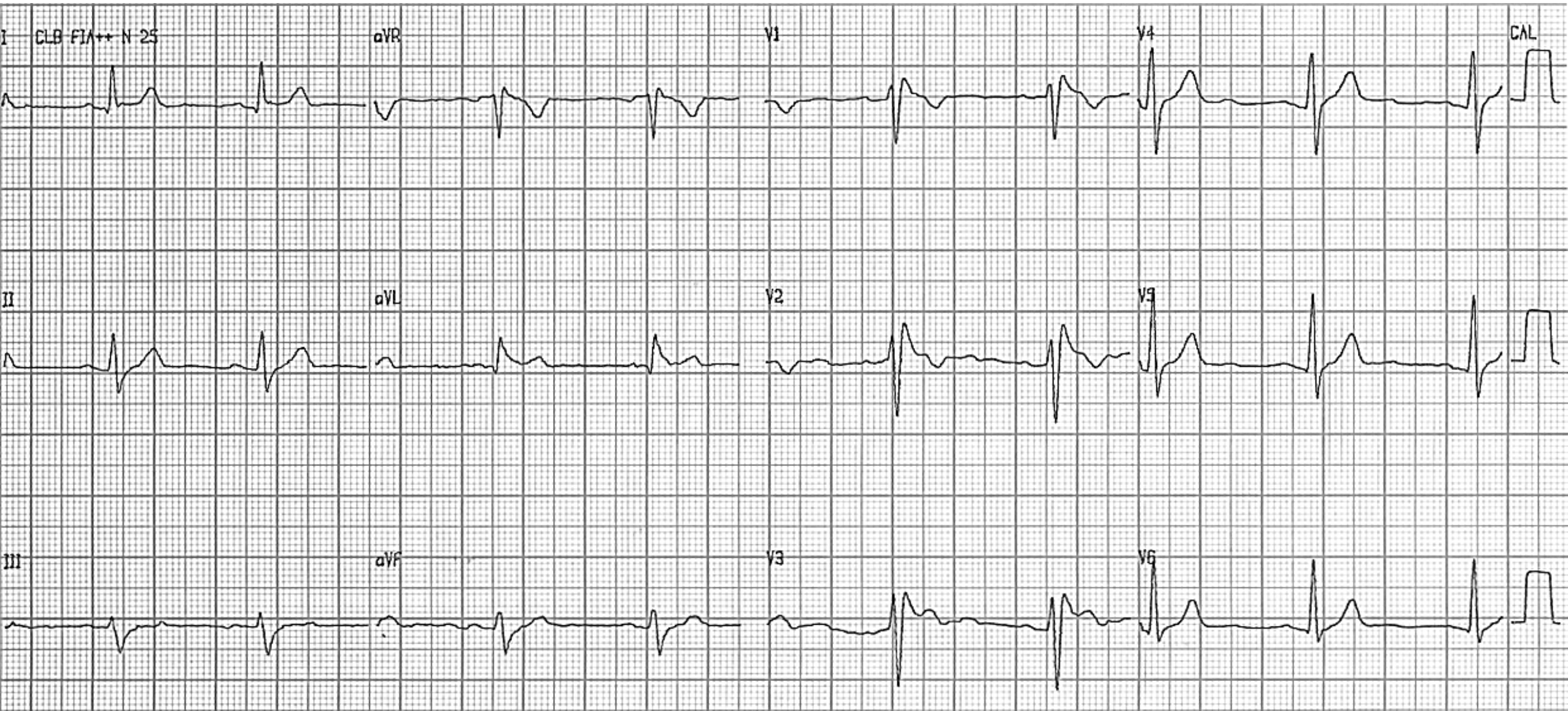
Transthoracic Echocardiogram: normal.

Laboratory investigations: unremarkable.

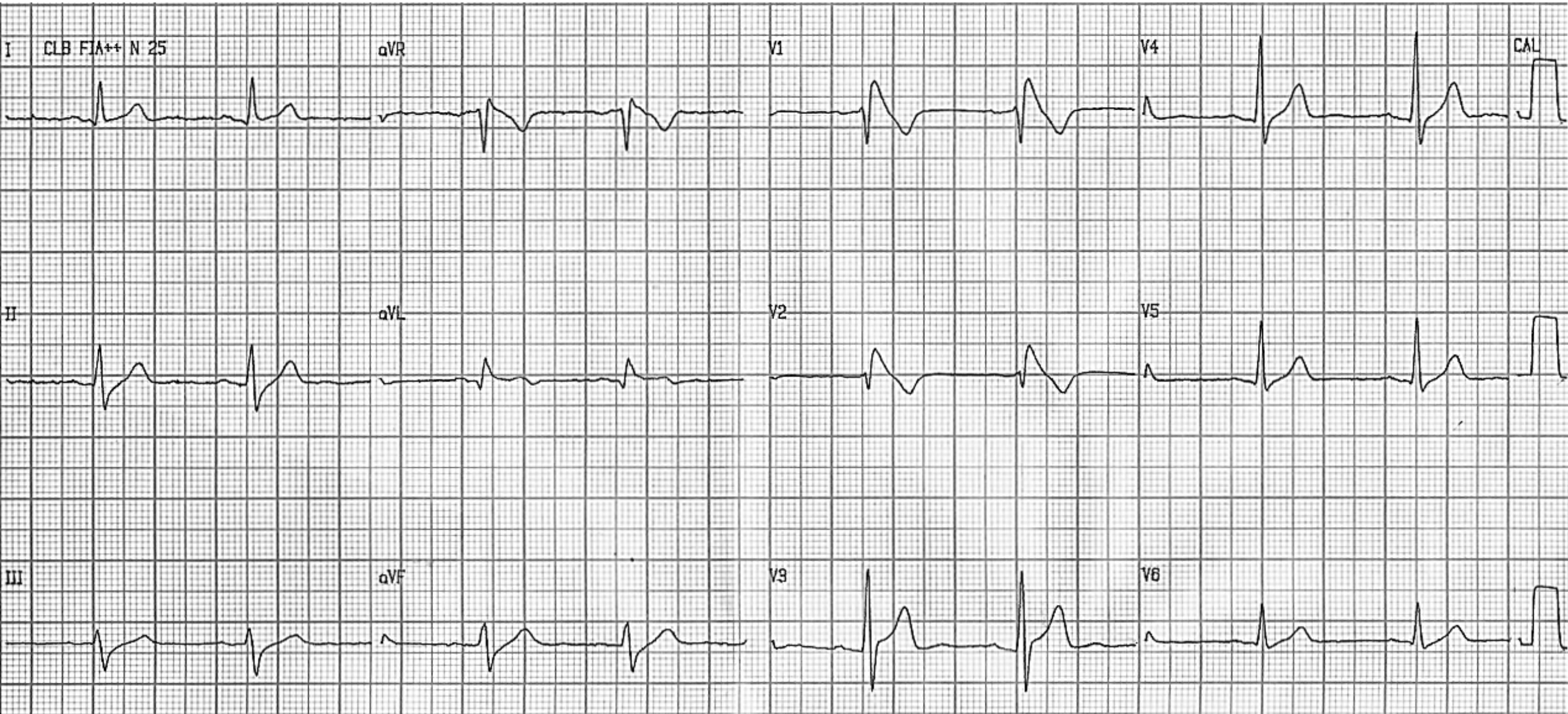
Questions:

- 1) What is the electro-vectorcardiographic diagnosis?
- 2) What is the appropriate therapeutic approach? And why?

ECG performed with conventional right precordial leads



ECG performed with high right precordial leads



ECG/VCG correlation in the three planes

