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Brugada phenocopy induced by severe pneumothorax

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Abstract:

A Brugada phenocopy has been defined as a clinical situation that presents with an abnormal electrocardiogram identical to any of the electrocardiographic patterns found in Brugada syndrome in the absence of the characteristic congenital genetic abnormalities. The first confirmed case of type 1 Brugada phenocopy associated with severe left pneumothorax is presented. A provocative test with ajmaline, which proved to be negative, was performed to confirm the diagnosis. The presence of ST-segment elevation in the context of pneumothorax is most infrequent.

Keywords:

Brugada phenocopy; Brugada ECG pattern; pneumothorax; ajmaline.

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