

# Meals on Variations of ST Segment Elevation in Patients with Brugada Syndrome

Dr. Andrés R. Pérez Riera

Variations of ST elevation are frequently associated with meals. Aggravation of ST elevation is most prominent in the evening to night after dinner rather than the period between midnight and early morning. This information may help to predict event times at high risk for life-threatening arrhythmias in BrS.

Variations of ST elevation are frequently associated with meals.(1) In symptomatic patients with Brugada syndrome, bradycardia-dependent augmentation of ST elevation was enhanced for the postprandial period, especially after dinner. This could be related to occurrence of ventricular fibrillation in the late evening. (2)

ST segment elevation in patients with BrS was augmented by selective stimulation of muscarinic cholinergic receptors (3)

For instance: nocturnal vagotony, vomiting (in patients with BrS, a J-point and ST-segment elevation was induced when the patient experienced nausea and vomiting(4).

The phenomenon was originated from the vagal stimulation associated with the nausea and vomiting(5)

## References

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