



EMBARGOED UNTIL 20<sup>th</sup> NOVEMBER 2022 1730HRS SGT

***Acute Heart Failure and Sinus Node Dysfunction – Hyperthyroid-induced reversible cardiac insult: A case report.***

Context:

Hyperthyroidism has been linked to acute heart failure (Takotsubo cardiomyopathy) in several case reports. Little is known about the risks and outcomes associated with arrhythmias in the setting of Takotsubo cardiomyopathy. Sporadic reports of malignant arrhythmia with Takotsubo cardiomyopathy have been reported.

Summary:

In the case presented, the associations between acute heart failure (Takotsubo cardiomyopathy), hyperthyroidism secondary to toxic multinodular goitre, and atrial fibrillation with sinus node dysfunction, there was complete recovery of left ventricular dysfunction and no recurrence of arrhythmias after anti-thyroid treatment.

Message:

“Broadly speaking, the pharmacological armamentarium for acute heart failure syndrome has been largely unchanged from the 1970s. However, not all acute heart failure patients are equal,” shared Dr. Amit Malik. Treatment of the underlying precipitant lead to complete reversal of the underlying heart failure and rhythm disorder in this patient.

Session details:

Oral presentation – Heart Failure 1: Saturday, 19<sup>th</sup> November 2022 3-4pm SGT

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