

# Masterclasses

**M14.4****Evidence Based Perioperative Medicine****13:15 Theatre 2****Postoperative Troponitis – Can We Ignore a Rise in Cardiac Troponin after Surgery?***Chan M**Department of Anaesthesia and Intensive Care, The Chinese University of Hong Kong, Hong Kong*

Postoperative myocardial injury represents a spectrum of etiologies that ranges from frank myocardial infarction to the more common, incrementally small, and isolated of postoperative troponin elevation. These small elevations, which exceed the 99th centile for a normal population, are commonly referred “troponitis”. While myocardial injury is associated with increased mortality, it is unclear if “troponitis” also increases postoperative risks. The prevailing evidence would suggest that most physicians do not consider “troponitis” clinically important in that many of these patients lack an in-depth postoperative evaluation, treatment or follow-up. The purpose of this presentation is to review the implications of troponitis after major noncardiac surgery.