

INTRAOPERATIVE PUMP THROMBOSIS (PT) IN HEARTMATE (HM) III

Sathappan Karuppiah¹, Sudharsan Setty¹, Ranjit John², and Monica Lupei¹

¹University of Minnesota Medical School Twin Cities

²University of Minnesota Division of Cardiothoracic Surgery

June 20, 2022

Abstract

Pump thrombosis is a rare and infrequent complication of HeartMate III left ventricular assist device (LVAD). While there are reports of pump thrombosis in the postoperative period, to our knowledge, there have been no prior reports on pump thrombosis in the intraoperative period. Here we present a case of a 24-year-old female who required HeartMate III LVAD implantation for progressive heart failure and the intraoperative period was complicated with pump thrombosis (PT). Managing PT in the intraoperative period is challenging and time-sensitive because of its rare occurrence and paucity of recommendations in diagnosing the PT.

Hosted file

INTRAOPERATIVE PUMP THROMBOSIS 06152022.docx available at <https://authorea.com/users/490274/articles/573681-intraoperative-pump-thrombosis-pt-in-heartmate-hm-iii>