**Supplemental Digital Content 3 – Sensitivity Analysis: Elevated LDH >480 IU/L**



ASA = American Society of Anesthesiologists; FFP = fresh frozen plasma; HR = heart rate; INR = international normalized ratio; IQR = interquartile range; LDH = lactate dehydrogenase; LVAD = left ventricular assist device; MAP = mean arterial pressure; NCS = non-cardiac surgery; PRBC = packed red blood cells; PTT = partial thromboplastin time; SBP = systolic blood pressure; SD = standard deviation

Elevated LDH outcomes included 607 index cases; additional cases within 7 day postoperative measurement window were excluded.

Cases with complete laboratory value data varied by laboratory value and outcome respectively: INR (n=592); PTT (n= 542); hematocrit (n=586); creatinine (n=585); lactate dehydrogenase (n=555); platelet count (n=585); total bilirubin (n=556); albumin (n=556), respectively).

Preoperative variables in table refer to NCS cases studied (i.e. not prior to LVAD surgery).

\* Including Heartmate® XVE (St. Jude, Pleasanton, CA) (28), DuraHeart® (Terumo, Tokyo, Japan) (12), Novacor® (WorldHeart, Salt Lake City, UT) (6), IVAD® (St. Jude, Pleasanton, CA) (4), and Heartmate III™ (St. Jude, Pleasanton, CA) (4).

\*\* Defined by most recent estimated glomerular filtration rate within 30 days prior to surgical procedure < 15 mL/min/1.73 m2.

\*\*\* Heparin anticoagulation defined as bolus/infusion administered preoperatively on day of surgery or one calendar day prior, non-heparin anticoagulation defined as hospital-administered administered preoperatively on day of surgery or within three prior calendar days.

\*\*\*\* Within one calendar day of surgery.