

Supplementary Table 1. Definitions of outcomes

Secondary outcomes	Definitions
Operative morbidity	Composite of operative mortality, stroke, renal failure, prolonged ventilation, mediastinitis/deep sternal wound infection, and reoperation
Operative mortality	All deaths regardless of cause occurring during the hospitalization in which the operation was performed even if after 30 days (includes patients transferred to other acute care facilities), and all deaths regardless of cause occurring after discharge from the hospital but before the end of the 30 th postoperative day
Stroke	An acute episode of focal or global neurologic dysfunction caused by brain, spinal cord, or retinal vascular injury as a result of hemorrhage or infarction in which the neurologic dysfunction lasts for more than 24 hours
Renal failure	A new requirement for dialysis or meeting the RIFLE (Risk, Injury, Failure, Loss of kidney function, and End-stage kidney disease) criteria based on creatinine levels or glomerular filtration rate
Prolonged ventilation	Prolonged ventilation or reintubation of more than 24 hours
Mediastinitis/deep sternal wound infection	Mediastinitis/deep sternal wound infection occurring during the index hospitalization or within 30 days of operation
Reoperation	Reoperation for bleeding, tamponade, or any cardiac reason