S3 Fig Flow diagram illustrating patient enrollment by cardiac/cardiovascular surgery

Abbreviations:
MDV, Medical Data Vision Co., Ltd.;
rTM, recombinant thrombomodulin;
DIC, disseminated intravascular coagulation;
ICH, intracranial hemorrhage

Patients in MDV database, N = 28,163

Patients met inclusion/exclusion criteria, n = 5,031

Patients included in the cohort, n = 1,914

Eligible patients, n = 1,902

rTM group, n = 522
Non-rTM group, n = 1,380

Propensity score matching

Propensity-matched rTM group, n = 439
Propensity-matched Non-rTM group, n = 439

Excluded
• No DIC treatment, n = 3,691
• No cardiac/cardiovascular surgery, n = 19,441

Excluded
• No record of outcome data or at the time of initial DIC diagnosis, n = 10
• Age <18 years, n = 25
• DIC associated with gynecology/obstetric conditions, n = 82
• Death within 2 days after admission, n = 35
• No surgery within 1 month before DIC diagnosis, n = 979
• No DIC treatment, n = 0
• Receipt of initial dose of DIC treatment prior to the day of surgery or ≥1 week after surgery, n = 1,647
• No blood test data available, n = 28
• ICH, pulmonary hemorrhage, or gastrointestinal hemorrhage before DIC treatment, n = 202
• At least 1 dose or rTM, but no initial prescription of rTM on the day of surgery or within 1 week after surgery, n = 109

Excluded patients by propensity score matching procedure
• rTM group, n = 1
• Non-rTM group, n = 11