**Table E2. Disease/System Cohort Classification.**

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| **Cardiac** |
| Acute myocardial infarction |
| Cardiac arrest |
| Cardiogenic shock |
| Cardiomyopathy |
| Chest pain |
| Congestive heart failure |
| Hypertension |
| Hypovolemia |
| Other cardiovascular disease |
| Rhythm disturbance |
| Unstable angina |
| **Endocrine/Metabolic** |
| Metabolic encephalopathy |
| Diabetic ketoacidosis |
| Miscellaneous metabolic disease |
| **Gastrointestinal** |
| Hepatic Failure |
| GI Bleed: Variceal |
| GI Bleed: Diverticulitis/angiodysplasia |
| GI Bleed: Ulcer/laceration |
| GI Inflammatory disease |
| GI Neoplasm |
| GI Obstruction |
| GI Perforation |
| GI Vascular Insufficiency |
| Intra/Retroperitoneal Hemorrhage |
| Other GI issues |
| Pancreatitis |
| **Hematologic** |
| Coagulopathy, blood transfusion, neutropenia thrombocytopenia |
| Hemorrhage no otherwise specified |
| Miscellaneous hematologic disease |
| **Neurological** |
| Intracranial hemorrhage (medical) |
| Neurologic infection |
| Neurologic neoplasm |
| Neuromuscular disease |
| Other neurologic disease |
| Subarachnoid hemorrhage (medical) |
| Seizure |
| Stroke |
| Subdural hematoma |
| **Pulmonary** |
| Aspiration pneumonia |
| Asthma |
| Bacterial pneumonia |
| Chronic Obstructive Pulmonary Disease |
| Other respiratory disease |
| Parasitic and fungal pneumonia |
| Pleural effusion |
| Pulmonary edema |
| Pulmonary embolus |
| Restrictive lung disease |
| Respiratory airway obstruction |
| Respiratory arrest |
| Respiratory cancer |
| Viral pneumonia |
| **Renal** |
| Acid-Base disturbance |
| Renal failure |
| **Septic Infection** |
| Sepsis cutaneous/soft tissue |
| Sepsis gastrointestinal |
| Sepsis other |
| Sepsis pulmonary |
| Sepsis renal/urinary tract |
| Sepsis unknown |
| **Toxicology** |
| Drug overdose |
| Toxic ingestion |
| **Non-surgical trauma** |
| Trauma head |
| Multiple trauma |
| Trauma chest/spinal |
| Trauma head/extremity  Trauma head/neck |
| Trauma head/multiple |
| Trauma spine |
| **Vascular** |
| Medical aorta disease |
| Peripheral vascular disease |