

Supplementary Table 2. ICD-9-CM codes used for acute medical conditions associated with critically ill status

| Disease | ICD-9 codes |
|--|---|
| Pneumonia | 480-487, 507.0 |
| COPD exacerbation | 491.1, 491.2 |
| Asthma exacerbation | 493.X1, 493.X2 |
| Cardiac arrest/Ventricular fibrillation or flutter | 427.41, 427.43, 427.5 |
| Acute coronary syndrome | 410.X0, 410.X1 |
| Acute congestive heart failure | 276.6, 428.21, 482.23, 428.31, 428.33, 428.41, 428.43 |
| Stroke, intracranial hemorrhage, subarachnoid hemorrhage | 433.X1, 432.9, 430 |
| Severe sepsis | 038, 020.0, 790.7, 117.9, 112.5, 112.81 |

ICD-9-CM, International Classification of Diseases, Ninth Revision, Clinical Modification; COPD, chronic obstructive pulmonary disease.