Additional file 1. Acute organ dysfunction code for sepsis

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| Organ dysfunction | Codes | Code description |
| Cardiovascular | 458.0 | Hypotension, postural |
|  | 458.8 | Hypotension, specified type, not elsewhere classified |
|  | 458.9 | Hypotension, arterial, constitutional |
|  | 785.5 | Shock |
|  | 785.51 | Shock, cardiogenic |
|  | 785.59 | Shock, circulatory or septic |
|  | 796.3 | Hypotension, transient |
| Respiratory | 518.81 | Acute respiratory failure |
|  | 518.82 | Acute respiratory distress syndrome (ARDS)  |
|  | 518.85 | ARDS after shock or trauma |
|  | 786.09 | Respiratory insufficiency |
|  | 799.1 | Respiratory arrest |
|  | 96.7 (96.71,96.72) | Ventilator management |
|  | 96.04 | Endotracheal intubation (emergency procedure)  |
|  | 93.9 | Continuous positive airway pressure |
| Renal | 580.x | Acute glomerulonephritis |
|  | 584.x | Acute renal failure |
|  | 586 | Renal shutdown, renal failure unspecified |
|  | 39.95 | Hemodialysis |
| Hepatic | 570 | Acute hepatic failure or necrosis |
|  | 572.2 | Hepatic encephalopathy |
|  | 573.3 | Hepatitis (septic & not elsewhere classified)  |
|  | 573.4 | Hepatic infarction |
| Neurologic | 293 | Transient organic psychosis  |
|  | 348.1 | Anoxic brain injury |
|  | 348.3 | Encephalopathy, acute  |
|  | 780.01 | Coma |
|  | 780.09 | Altered consciousness, unspecified |
|  | 89.14 | Electroencephalography |
| Hematologic | 286.2 | Disseminated intravascular coagulation |
|  | 286.6 | Purpura fulminans |
|  | 286.9 | Coagulopathy |
|  | 287.3-5 | Thrombocytopenia, primary, secondary or unspecified |
|  | 790.92 | Abnormal coagulation profile |
| Metabolic | 276.2 | Acidosis, metabolic or lactic |