### Supplementary Table 1. Medical condition and LST of the decedents in the ICU

| No. | Age (yr)/sex | Diagnosis at ICU admission | MOF & medical condition | LST\(^\text{a}\) in last days |
|-----|--------------|-----------------------------|-------------------------|--------------------------------|
| 1   | 80/F         | Sepsis, pulmonary edema     | SCMP, AKI, ARF, DIC     | MV, CRRT, vasopressor          |
| 2   | 72/M         | Lung cancer, pneumonitis    | AKI, ARF, DIC           | MV, ECMO, CRRT vasopressor    |
| 3   | 85/M         | Lymphoma, septic shock      | AKI, DIC, ARF           | CRRT and MV were weaned successfully, but medical condition deteriorated to death. |
| 4   | 72/M         | Lung cancer, pneumonia      | ARF                     | MV                             |
| 5   | 83/F         | NSTEMI, AHF                 | AHF, ARF, AKI           | MV, ECMO, vasopressor          |
| 6   | 81/M         | Candidemia, COPD, ARDS, Cor pulmonale | AKI, ARF | MV, CRRT, vasopressor |
| 7   | 69/M         | Acute cerebral infarction, adrenal insufficiency | ARF, refractory shock | MV, vasopressor |
| 8   | 85/M         | Septic shock, ARDS          | ARF                     | MV, vasopressor                |
| 9   | 71/F         | Pneumonia, RA, sepsis       | ARF, immunosuppression  | MV, vasopressor                |
| 10  | 80/M         | COPD, pneumonia             | ARF, AKI                | CRRT, vasopressor, withdrawing/withholding of MV |
| 11  | 86/M         | AHF, CKD, femur fracture    | ARF, CRF                | MV, CRRT, vasopressor          |
| 12  | 87/M         | COPD, pneumonia, pulmonary thromboembolism | ARF | MV |
| 13  | 75/M         | Multiple myeloma, septic shock, candidemia | Refractory shock | MV, vasopressor |
| 14  | 84/F         | Whole bowel necrosis, septic shock, ischemic colitis | AKI, ARF | MV, CRRT, vasopressor withdrawing/withholding of MV & CRRT |
| 15  | 83/M         | COPD, cor pulmonale, pneumonia, post-CPR | ARF, RV failure | MV, vasopressor |
| 16  | 87/M         | ARDS due to trauma          | AKI, ARF                | MV, vasopressor                |

LST: life-sustaining treatment; ICU: intensive care unit; MOF: multiple organ failure; F: female; M: male; SCMP: stress-induced cardiomyopathy; AKI: acute kidney injury; ARF: acute respiratory failure; DIC: disseminated intravascular coagulation; MV: mechanical ventilation; CRRT: continuous renal replacement therapy; ECMO: extracorporeal membrane oxygenation; NSTEMI: non-ST-elevation myocardial infarction; AHF: acute heart failure; COPD: chronic obstructive pulmonary disease; ARDS: acute respiratory distress syndrome; RA: rheumatoid arthritis; CKD: chronic kidney disease; CRF: chronic renal failure; CPR: cardiopulmonary resuscitation.

\(^{a}\)“LST” is defined as the following: medical procedures that would only prolong the process of dying or sustain a condition of permanent unconsciousness. A patient who is receiving LST will die soon, whether or not treatment is administered administered \([1]\).

### REFERENCE

1. Legal Information Institute. Life-sustaining treatment [Internet]. New York (NY): Legal Information Institute, Cornell Law School [cited 2019 Jun 20]. Available from: https://www.law.cornell.edu/wex/life-sustaining_treatment.