Supplemental Table 1: List of comorbid conditions used in application of the Minnesota Ventilator Allocation Score. Advanced comorbid conditions include the life-limiting conditions that impact survival to discharge. Severe comorbid conditions are those that meet criteria for hospice and/or are associated with very high in-hospital mortality.

**Advanced comorbid conditions: Assign 2 points**

- New York Heart Association (NYHA) Class III heart failure or Cardiomyopathy with EF 20 to 30%
- Primary pulmonary hypertension with NYHA class III heart failure (and patient refractory to/not a candidate for pulmonary vasodilators)
- Progressive untreatable neuromuscular disease (e.g. ALS)
- End stage renal disease.
- Child-Pugh Class C Cirrhosis
- Alzheimer’s disease or related dementia, leading to dependence in multiple ADLs
- Severe multi-vessel coronary artery disease not amenable to surgical or percutaneous revascularization
- Severe, chronic lung disease (FEV1 less than 30% predicted or less than 1 liter)
- Stage IV Malignancy and other malignancy associated with reduced 1-year survival not included in list of Severe Comorbid Conditions including
  - a. Stage IV pancreatic cancer
  - b. Stage IV small cell lung cancer
  - c. Relapsed lymphoma without plan for transplant
  - d. Relapsed leukemia without plan for transplant
  - e. Stage IV head and neck cancer
  - f. Solid malignancies on 2nd line treatment
  - g. Primary brain cancer

**Severe comorbid conditions: Assign 4 points**

- NYHA Class IV heart failure or EF less than 20%
- Severe chronic lung disease with oxygen dependence or Cor Pulmonale/Right sided heart failure
- Primary pulmonary hypertension with NYHA class IV heart failure (and patient refractory to/not a candidate for pulmonary vasodilators)
- Cirrhosis with MELDNa score ≥25 (not on transplant list)
- Alcoholic hepatitis with MELDNa > 30
- Severe trauma
- Advanced untreatable neuromuscular disease (e.g. advanced ALS)
- Severe and irreversible neurologic event or condition (e.g. massive intracranial hemorrhage, severe Alzheimer’s disease or related dementia leading to being bedbound or dependent in eating, anoxic brain injury with resulting coma or vegetative state
- Severe Trauma
- Burns with low likelihood of survival
- Metastatic malignant disease or high-grade primary brain tumors receiving only palliative treatment including:
  a. Advanced liver cancer
  b. Stage IV cancer on 3rd line therapy
  c. Stage IV small cell or pancreatic cancer on 2nd line therapy