

Appendix B1. ADULT PATIENT WORKSHEET for Pandemic Influenza Triage

STEP 1: If any of the following are present, DO NOT ADMIT. Transfer to palliative care.

The patient is excluded from hospital admission or transfer to critical care if ANY of the following is present:

- (1) **Known Do Not Attempt Resuscitation (DNAR) or Out of Hospital-DNR (OOH-DNR) status.**
- (2) **Severe and irreversible chronic neurologic condition** with persistent coma or vegetative state
- (3) **Acute severe neurologic event with minimal chance of functional neurologic recovery (physician judgment).** Includes traumatic brain injury, severe hemorrhagic stroke, and intracranial hemorrhage.
- (4) **Traumatic injury:** Severe traumatic brain injury, hemodynamically unstable traumatic injuries requiring more than 10 units of blood transfusion, or more than one pressor, ARDS requiring high peep >15 or HFOV; Revised Trauma Score <2 (see (e)). Revised Trauma Score: _____
- (5) **Severe burns with anticipated survival "Low," "Low/Expectant," or "Expectant"** as indicated by age and burn size on the Triage Decision Table For Burn Victims (f). Burns not requiring critical care resources may be cared for at the local facility. Score _____
- (6) **Cardiac arrest not responsive to ACLS interventions within 20-30 minutes.**
- (7) **Known severe dementia** medically treated and requiring assistance with activities of daily living.
- (8) **Advanced untreatable neuromuscular disease** (such as ALS or end-stage MS) requiring assistance with activities of daily living or requiring chronic ventilatory support.
- (9) **Incurable metastatic malignant disease.**
- (10) **End-stage organ failure** meeting the following criteria:
 - Heart: NEW YORK HEART ASSOCIATION (NYHA) FUNCTIONAL CLASSIFICATION SYSTEM Class III or IV (g).** Class: _____
 - Lung** (any of the following):
 - Chronic Obstructive Pulmonary Disease (COPD) with Forced Expiratory Volume in one second (FEV₁) < 25% predicted baseline, PaO₂ <55 mm Hg, or severe secondary pulmonary hypertension.
 - Cystic fibrosis with post-bronchodilator FEV₁ <30% or baseline PaO₂ <55 mm Hg.
 - Pulmonary fibrosis with VC or TLC < 60% predicted, baseline PaO₂ <55 mm Hg, or severe secondary pulmonary hypertension.
 - Primary pulmonary hypertension with NYHA class III or IV heart failure (g), right atrial pressure >10 mm Hg, or mean pulmonary arterial pressure >50 mm Hg.
 - Liver: MELD SCORE >20 or Pugh Score > 7 (h)**, when available. Includes bili, albumin, INR, ascites, encephalopathy. MELD score calculators available online. PUGH Score table on page 7 of the NT Mass Critical Care Guidelines for Adults. MELD: _____ PUGH: _____

STEP 2: Modified Sequential Organ Failure Assessment (MSOFA)

The MSOFA requires only one lab value, which can be obtain using bedside point-of-care testing (creatinine obtained through ISTAT).

MSOFA scoring guidelines						
Variable	Score 0	Score 1	Score 2	Score 3	Score 4	Score for each row
SpO₂/FIO₂ ratio* <i>or</i> nasal cannula or mask O ₂ required to keep SpO ₂ >90%	SpO ₂ /FIO ₂ >400 <i>or</i> room air SpO ₂ >90%	SpO ₂ /FIO ₂ 316-400 <i>or</i> SpO ₂ >90% at 1-3 L/min	SpO ₂ /FIO ₂ 231-315 <i>or</i> SpO ₂ >90% at 4-6 L/min	SpO ₂ /FIO ₂ 151-230 <i>or</i> SpO ₂ >90% at 7-10 L/min	SpO ₂ /FIO ₂ ≤150 <i>or</i> SpO ₂ >90% at >10 L/min	_____
Jaundice	no scleral icterus			clinical jaundice/ scleral icterus		_____
Hypotension†	None	MABP <70	dop <5	dop 5-15 <i>or</i> epi ≤0.1 <i>or</i> norepi ≤0.1	dop >15 <i>or</i> epi >0.1 <i>or</i> norepi >0.1	_____
Glasgow Coma Score	15	13-14	10-12	6-9	<6	_____
Creatinine level, mg/dL (use ISTAT)	<1.2	1.2-1.9	2.0-3.4	3.5-4.9 <i>or</i> urine output <500 mL in 24 hours	>5 <i>or</i> urine output <200 mL in 24 hours	_____
MSOFA score = total scores from all rows:						_____

* SpO₂/FIO₂ ratio:

SpO₂ = Percent saturation of hemoglobin with oxygen as measured by a pulse oximeter and expressed as % (e.g., 95%); FIO₂ = Fraction of inspired oxygen; e.g., ambient air is 0.21
Example: if SpO₂=95% and FIO₂=0.21, the SpO₂/FIO₂ ratio is calculated as 95/0.21=452

† Hypotension:

MABP = mean arterial blood pressure in mm Hg (diastolic + 1/3(systolic - diastolic))
dop = dopamine in micrograms/kg/min
epi = epinephrine in micrograms/kg/min
norepi = norepinephrine in micrograms/kg/min

STEP 3: Determine admission priority based on MSOFA

- Score >11:** Unlikely to survive. Discharge to palliative care.
- Score 8-11:** Intermediate priority for hospital admission.
- Score 1-8:** Highest priority for hospital admission.
- Score 0:** Lowest priority for hospital admission. Likely to survive without treatment. Discharge to home

STEP 4: Record disposition

Disposition: _____

Signature: _____

Date and time: _____