

Evolving Crisis Standards of Care: Setting the Stage for Triage

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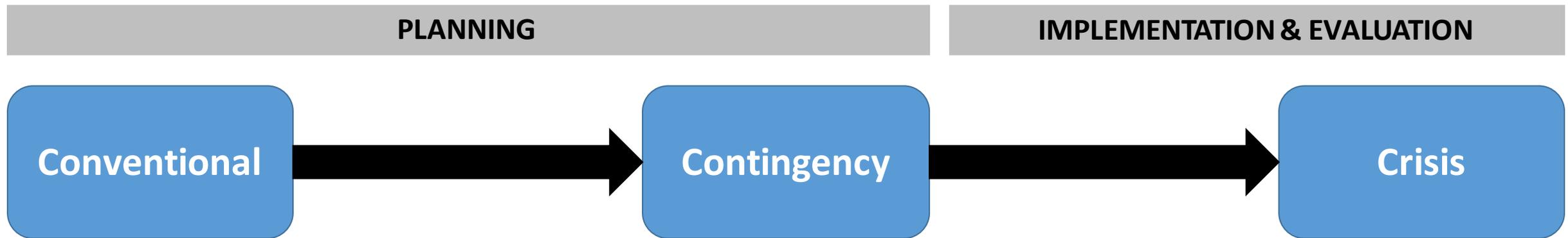
Assistant Professor of Medicine

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Subject Matter Expert Panel

Setting the Stage

- Triage – the process of allocating scarce resources to some but denying them to others in times of severe shortage, typically done by objective team rather than bedside clinical team



PLANNING

IMPLEMENTATION & EVALUATION

Conventional

Contingency

Crisis

- Identify core principles by which triage decisions can be made
 - Saving the most lives
 - Ensuring equity
 - Ensuring societal function
- Identify key stakeholders
 - Providers
 - EMS
 - Hospital administration
 - Vulnerable groups
 - Community leaders/representatives

- Define the triage team roles
 - Intensivists, Hospitalists
 - Pediatrics
 - Ethicist/Palliative Care
 - Hospital Administration
 - Nursing
- Regional coordination
 - Within city
 - Within state
 - Between states

PLANNING

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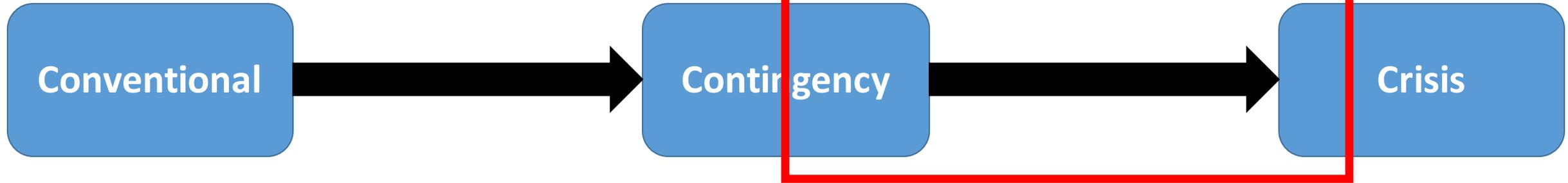
Crisis

- Define what needs to be triaged
 - Ventilators?
 - ICU beds?
 - Medications?
- Define how triage decisions will be made
 - Triage Scores
 - SOFA, short vs long-term mortality
 - Tie-breakers/additional considerations
 - Minimum operating capacity (MOC)

- Identify triage team and practice cases
- Regional coordination
 - Within city
 - Within state
 - Between states

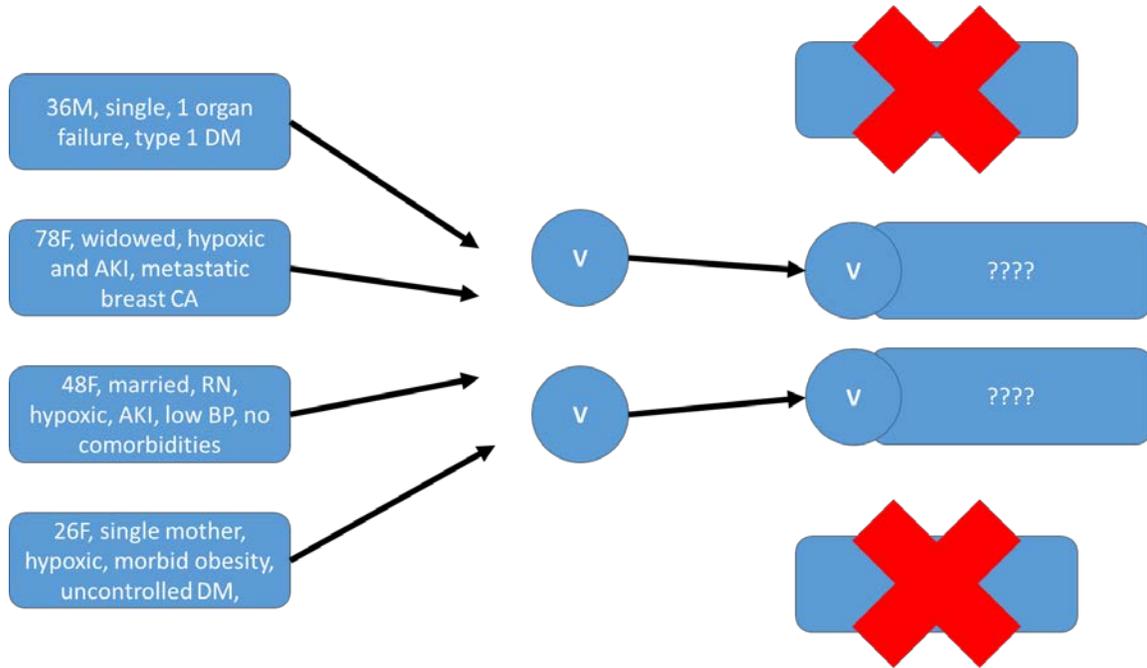
PLANNING

IMPLEMENTATION & EVALUATION



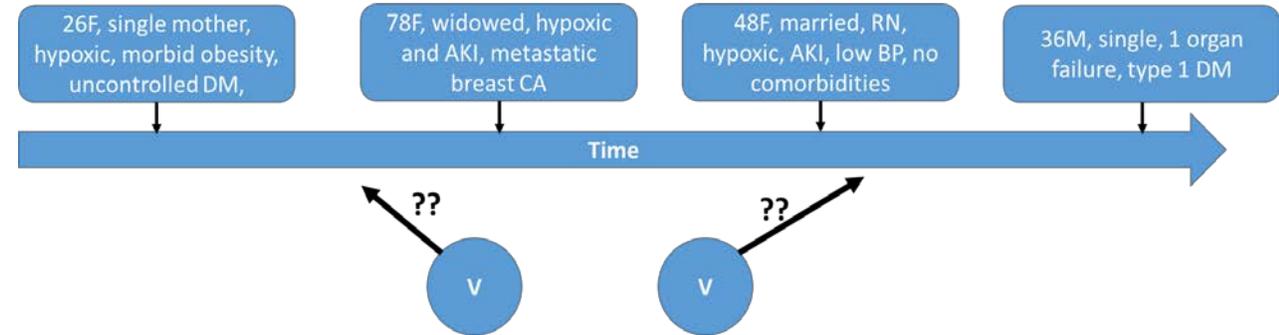
- Define types of triage and related processes
 - Emergent
 - Prospective
 - Simultaneous
 - Sequential

Simultaneous Triage



vs

Sequential Triage



PLANNING

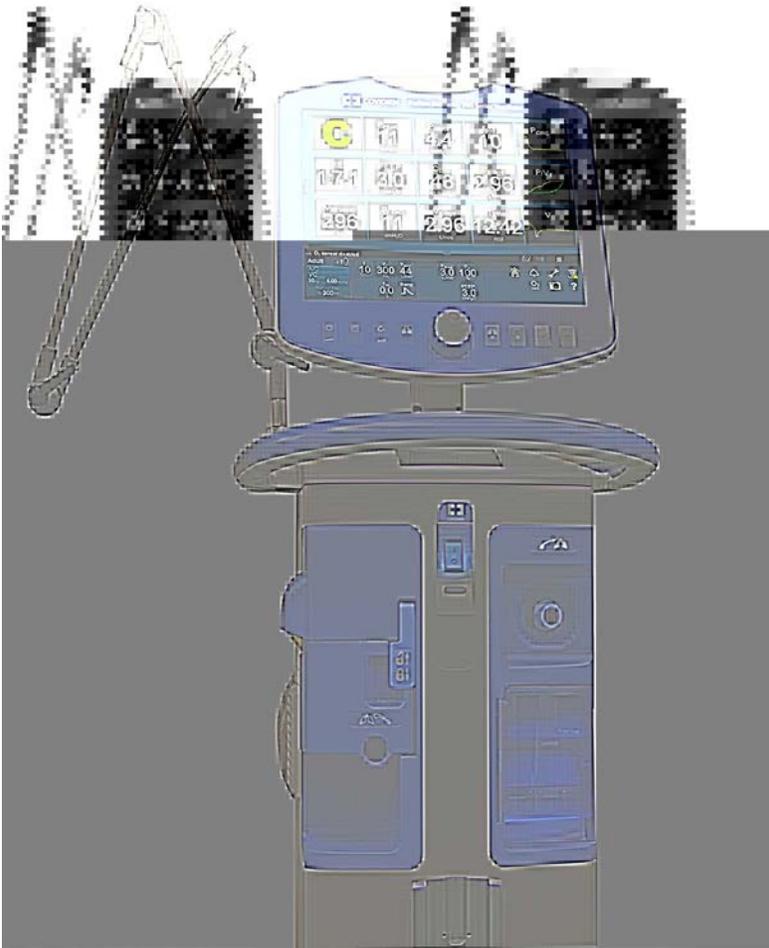
IMPLEMENTATION & EVALUATION

Conventional

Contingency

Crisis

- Define types of triage and related processes
 - Emergent
 - Prospective
 - Simultaneous
 - Sequential
- Various degrees of triage
 - Ventilators



Full ICU Ventilators



Partial Ventilators



Mass Casualty Resuscitators

PLANNING

IMPLEMENTATION & EVALUATION

Conventional

Contingency

Crisis

- Define types of triage and related processes
 - Emergent
 - Prospective
 - Simultaneous
 - Sequential
- Various degrees of triage
 - Ventilators
 - Dialysis
 - Medication alternatives

- Activation of CSC
 - Requires situational awareness
 - Often political process
 - ?Automatic triggers?
 - Activation at individual hospitals

PLANNING

IMPLEMENTATION & EVALUATION

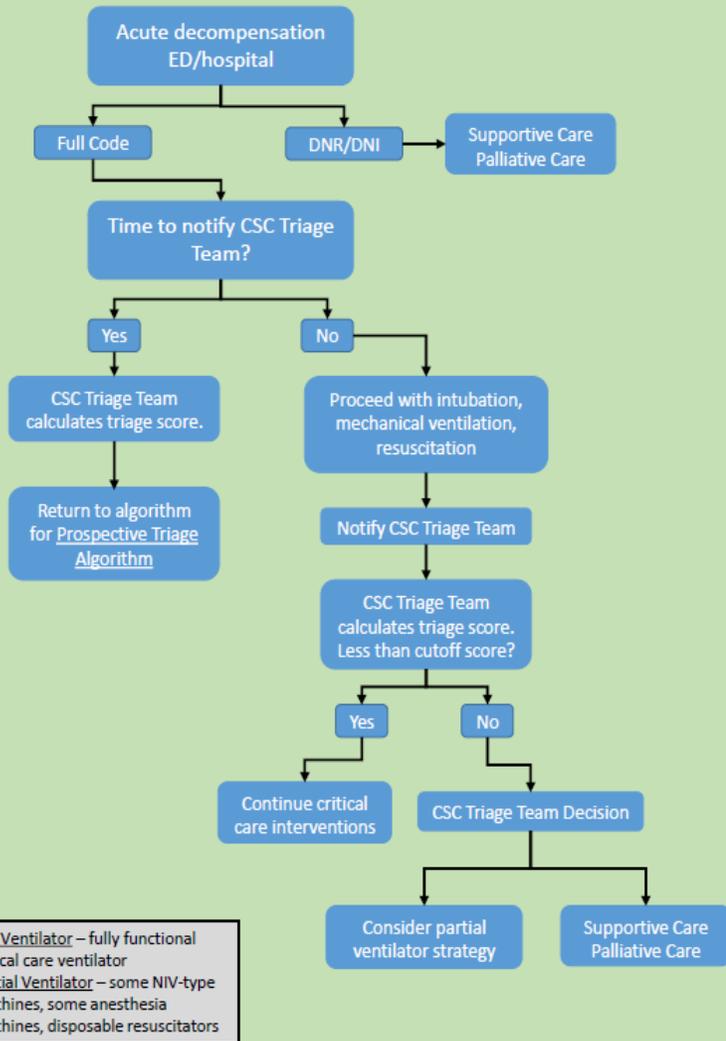
Conventional

Contingency

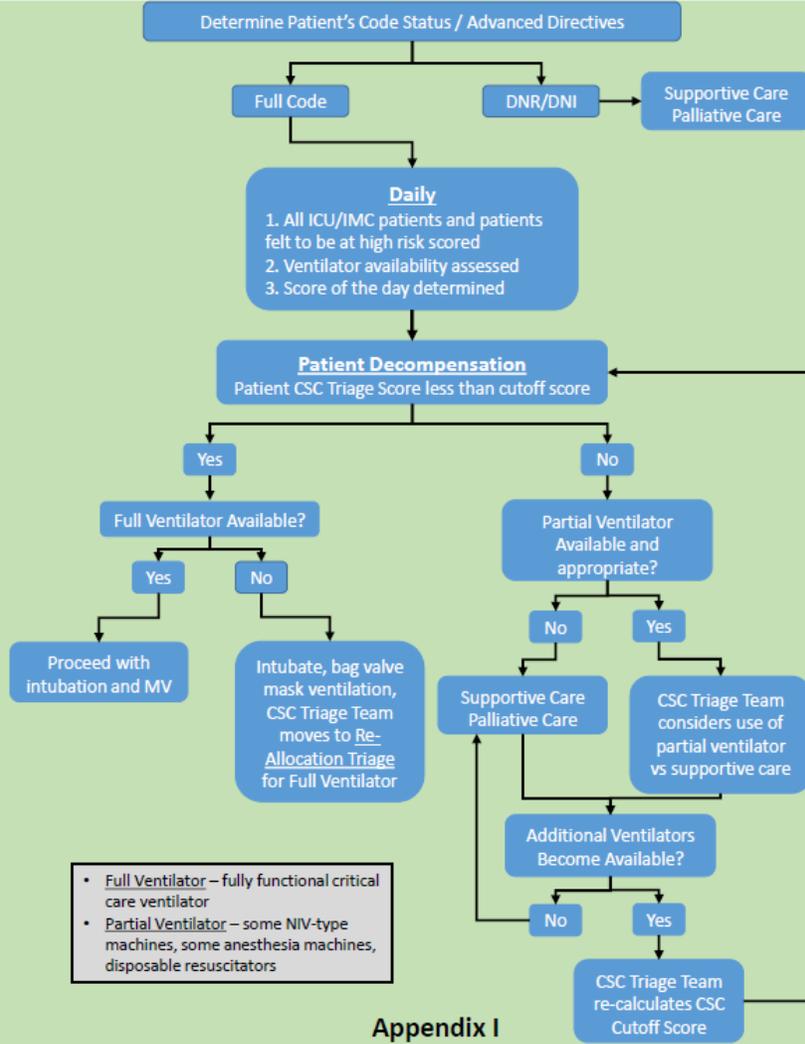
Crisis

- Constant evaluation of equity implications
- Re-assess data gathering and triage team processes
- Re-allocation of scarce resources in setting of treatment failure
- Consideration of appeals/challenges
- De-activation of CSC
- Debrief

Crisis Standards of Care: Emergent Triage Process



Crisis Standards of Care: Prospective Triage Process



Crisis Standards of Care: Re-Allocation Triage

