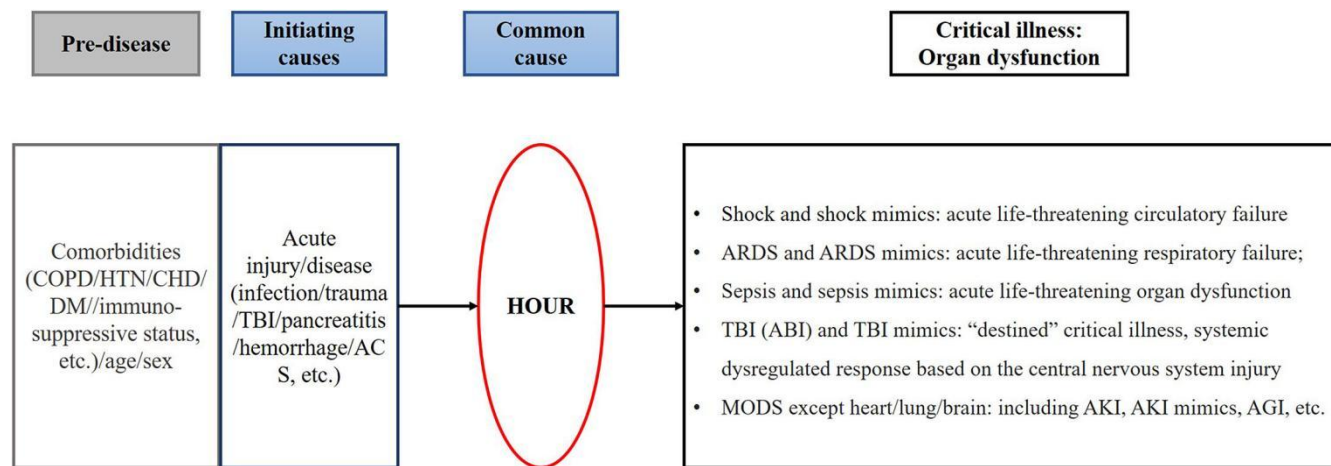


Supplementary Table 1: Management of HOUR.

Adequate sedation, analgesia, and antisympathetic activity	<p>Blocking afferent impulses: NSAIDs</p> <p>Balance the excitation and inhibition in the brain: midazolam, propofol, dexmedetomidine, and ketamine</p> <p>Antisymphathetic activity: beta-blockers and dexmedetomidine</p>
Regulation of immune dysfunction and excessive inflammation	<p>Immune or inflammation modulation in targeted patients</p> <p>Blood purification</p>
Management of metabolism and bioenergy	<p>Control hyperthermia</p> <p>Timely and adequate nutrition</p> <p>Mitochondria protection</p>

HOUR: Host/organ unregulated response; NSAIDs: Nonsteroidal anti-inflammatory drugs.



Supplementary Figure 1: HOUR: Host/organ unregulated response.