Supplement:

Explanation of Abbreviations

ALT: alanine aminotransferase
ARDS: acute respiratory distress syndrome
BP: blood pressure
BUN: blood urea nitrogen
CRP: C-reactive protein
ECMO: extracorporeal membrane oxygenation
eGFR: effective glomerular flow rate
FiO₂: fraction of inspired oxygen
GCS: Glasgow coma score
ICU: intensive care unit
LDH: lactate dehydrogenase
PaO₂: partial pressure of oxygen
RDW: erythrocyte distribution width
SPO₂: oxygen saturation

Supplementary Table A: Search Terms Utilized To Identify Prognostic Models.

<table>
<thead>
<tr>
<th>Terms Used</th>
</tr>
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<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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</table>

Supplementary Table B: Reported Model Performances in Training and Validation for Each Study.

<table>
<thead>
<tr>
<th>Author</th>
<th>Study Training Performance</th>
<th>Study Validation Performance</th>
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<tr>
<td>Jiao Gong et al. [7]</td>
<td>AUROC = .91</td>
<td>Cohort 1: AUROC = .85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cohort 2: AUROC = .75</td>
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<tr>
<td>Ying Zhou et al. [8]</td>
<td>AUROC = .89</td>
<td>AUROC = .88</td>
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<td>Handong Zou et al. [9]</td>
<td>AUROC = .88</td>
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Supplementary Table C: Summary of Cohort Profiles

<table>
<thead>
<tr>
<th>Author</th>
<th>Cohort</th>
<th>Age (years)</th>
<th>Female Sex (%)</th>
<th>Met Outcome (%)</th>
<th>Location of Population</th>
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<tr>
<td>Jiao Gong et al.</td>
<td>Training</td>
<td>49</td>
<td>53</td>
<td>15</td>
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<td>Jiao Gong et al.</td>
<td>External Test 1</td>
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<td>Ying Zhou et al.</td>
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<td>Li Yan et al.</td>
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<td>Todd J. Levy et al.</td>
<td>Training and Cross-Validation</td>
<td>61-80</td>
<td>41.6</td>
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<td>Huayu Zhang et al.</td>
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^ = Mean value  
# = Median value