

Appendix 1 Table A Minimum facilities and equipment required to achieve bundle targets [posted as supplied by author]

ALI= acute lung injury; APACHE=Acute Physiology and Chronic Health Evaluation; ARDS=acute respiratory distress syndrome; CVP=central venous pressure; ED=emergency department; PBW=predicted body weight; ScvO₂=central venous oxygen saturation; SvO₂=mixed venous oxygen saturation.

Target	Facilities and equipment required
Resuscitation bundle (first 6h)	
Measure lactate	Point-of-care lactate analysers Or central laboratory lactate analysers with rapid turnaround
Blood cultures before antibiotics	Blood culture media
Broad-spectrum antibiotics within 3h for ED admissions and 1h for others	Antibiotics Intravenous injection or infusion sets
Fluids (20 mL/kg of crystalloids or equivalent)±vasopressors	Fluids Vasopressors Intravenous infusion sets
CVP≥8 mm Hg	Central venous catheterisation sets Pressure transducers or manometers Fluids Intravenous infusion sets
ScvO ₂ ≥70% or SvO ₂ ≥65%	Central venous or pulmonary artery catheterisation sets Fibreoptic catheters with in vivo spectrophotometry Or blood gas analysers with co-oximetry Packed red blood cells or whole blood Inotropes
Management bundle (first 24h)	
Low-dose steroids administered or considered	Steroids Intravenous injection or infusion sets
Drotrecogin alfa (activated) administered or considered	Drotrecogin alfa (activated) Intravenous infusion sets
Glucose≥4.5 and ≤10.0 mmol/L at 6-24h	Point-of-care glucometers Or central laboratory glucose analysers with rapid turnaround
Tidal volume≤6 mL/kg predicted body weight	Mechanical ventilators