



**Trauma Care System  
Trauma Center Essential and Desirable List for Equipment – August 8, 2020**

**ADULT**

EQUIPMENT	Level 1	Level 2	Level 3	Level 4
<b>Emergency Department</b>				
Equipment for resuscitation for patients of all ages:				
• Airway control and ventilation equipment	E	E	E	E
• Video laryngoscope	E	E	E	D
• Pulse oximetry	E	E	E	E
• Suction devices	E	E	E	E
• Electrocardiograph-oscilloscope-defibrillator	E	E	E	E
• Internal paddles	E	E	E	NR
• Tourniquets	E	E	E	E
• CVP monitoring equipment	E	E	E	NR
• Standard IV fluids and administration sets	E	E	E	E
• Large bore intravenous catheters	E	E	E	E
Sterile surgical sets for:				
• Airway control/cricothyrotomy	E	E	E	D
• Thoracostomy	E	E	E	D
• Venous cut-down	E	E	E	D
• Central line insertion	E	E	E	D
• Thoracotomy	E	E	E	NR
• Arterial catheters	E	E	D	NR
Ultrasound	E	E	D	NR
Drugs necessary for emergency care	E	E	E	E
Cervical spine stabilization devices				
• Non-invasive	E	E	E	E
• Invasive	E	E	NR	NR
Broselow tape	E	E	E	E
Thermal control equipment				
• For patient	E	E	E	E
• For fluids and blood	E	E	E	E
Rapid infuser system	E	E	E	D
Qualitative end-tidal CO2 determination	E	E	E	E
Communication with EMS vehicles	E	E	E	E
<b>Operating Room</b>				
Age-specific equipment				
• Cardiopulmonary bypass	E	D	NR	NR
• Operating microscope	E	D	D	NR
Thermal control equipment				
• For patient	E	E	E	NR
• For fluids and blood	E	E	E	NR
Endoscopes, bronchoscope	E	E	E	NR
Craniotomy instruments	E	E	D	NR
Equipment for long bone and pelvic fixation	E	E	D	NR
Rapid infuser system	E	E	E	NR
Pulse oximetry	E	E	E	NR
Qualitative end-tidal CO2 determination	E	E	E	NR

Postanesthetic Recovery Room				
Equipment for monitoring and resuscitation	E	E	E	NR
Intracranial pressure monitoring equipment	E	E	D	NR
Pulse oximetry	E	E	E	NR
Thermal control	E	E	E	NR
Intensive or Critical Care Unit for Injured Patients				
Equipment for monitoring and resuscitation	E	E	E	NR
Invasive Pressure Monitoring				
<ul style="list-style-type: none"> <li>Intracranial pressure monitoring equipment</li> </ul>	E	E	D	NR
<ul style="list-style-type: none"> <li>Pulmonary artery monitoring equipment</li> </ul>	E	E	E	NR

NR = Not Required

### PEDIATRIC

EQUIPMENT	Tertiary	Secondary	Primary
Emergency Department			
Equipment for resuscitation for patients of all ages:			
<ul style="list-style-type: none"> <li>Airway control and ventilation equipment</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Video laryngoscope</li> </ul>	ED	D	D
<ul style="list-style-type: none"> <li>Pulse oximetry</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Suction devices</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Electrocardiograph-oscilloscope-defibrillator</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Internal paddles</li> </ul>	E	E	NR
<ul style="list-style-type: none"> <li>CVP monitoring equipment</li> </ul>	E	E	NR
<ul style="list-style-type: none"> <li>Standard IV fluids and administration sets</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Large bore intravenous catheters</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Intraosseous needles</li> </ul>	E	E	E
Sterile surgical sets for:			
<ul style="list-style-type: none"> <li>Airway control/cricothyrotomy</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Thoracostomy</li> </ul>	E	E	D
<ul style="list-style-type: none"> <li>Venous cut-down</li> </ul>	E	E	NR
<ul style="list-style-type: none"> <li>Central line insertion</li> </ul>	E	E	NR
<ul style="list-style-type: none"> <li>Thoracotomy</li> </ul>	E	E	NR
<ul style="list-style-type: none"> <li>Arterial catheters</li> </ul>	E	D	NR
Ultrasound	E	D	NR
Drugs necessary for emergency care	E	E	E
Cervical spine stabilization devices			
<ul style="list-style-type: none"> <li>Non-invasive</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>Invasive</li> </ul>	E	NR	NR
Broselow tape	E	E	E
Thermal control equipment			
<ul style="list-style-type: none"> <li>For patient</li> </ul>	E	E	E
<ul style="list-style-type: none"> <li>For fluids and blood</li> </ul>	E	E	E
Rapid infuser system	E	E	D
Qualitative end-tidal CO2 determination	E	E	E
Communication with EMS vehicles	E	E	E
Operating Room			

Age-specific equipment			
• Cardiopulmonary bypass	E	D	NR
• Operating microscope	E	D	NR
Thermal control equipment			
• For patient	E	E	NR
• For fluids and blood	E	E	NR
Endoscopes, bronchoscope	E	E	NR
Craniotomy instruments	E	NR	NR
Equipment for long bone and pelvic fixation	E	E	NR
Rapid infuser system	E	E	NR
Pulse oximetry	E	E	NR
Qualitative end-tidal CO2 determination	E	E	NR
<b>Postanesthetic Recovery Room</b>			
Equipment for monitoring and resuscitation	E	E	NR
Intracranial pressure monitoring equipment	E	NR	NR
Pulse oximetry	E	E	NR
Thermal control	E	E	NR
<b>Intensive or Critical Care Unit for Injured Patients</b>			
Equipment for monitoring and resuscitation	E	E	NR
Invasive Pressure Monitoring			
• Intracranial pressure monitoring equipment	E	NR	NR
• Pulmonary artery monitoring equipment	E	E	NR

NR = Not Required

## BURN

EQUIPMENT	ADULT	PEDIATRIC
Weight measurement devices	E	E
Temperature control equipment	E	E
• For patient	E	E
• For fluids and blood	E	E
Intensive care monitors	E	E
Cardiac emergency carts with age-appropriate equipment	E	E
Equipment for resuscitation		
• Airway control and ventilation equipment	E	E
• Video laryngoscope	E	E
• Pulse oximetry	E	E
• Suction devices	E	E
• Electrocardiograph-oscilloscope defibrillator	E	E
• Standard IV fluids and administration sets	E	E
• Large bore intravenous catheters	E	E
Sterile surgical sets for:		
• Airway control/cricothyrotomy	E	E
• Central line insertion	E	E
• Arterial catheters	E	E
• Intraosseous needles	NR	E
Broselow tape	NR	E
Qualitative end-tidal CO2 determination	E	E
Endoscopes, bronchoscope	E	E

NR = Not Required