

HOSPITAL RESOURCES CHECKLIST

E = Essential

D = Desirable

Facility's name: _____	Levels					Hospital met?		Reviewers		Comments
	I	II	III	IV	V	Yes	No	Yes	No	
INSTITUTIONAL ORGANIZATION										
Trauma program.....	E	E	E	E	E					
Trauma service.....	E	E	E	-	-					
Trauma team.....	E	E	E	E	E					
Trauma program medical director.....	E	E	E	E	E					
Trauma multidisciplinary committee...	E	E	E	E	E					
Trauma coordinator/TPM.....	E	E	E	E	E					
HOSPITAL DEPARTMENTS/DIVISIONS/SECTIONS										
Surgery.....	E	E	E	-	-					
Neurological surgery.....	E	E	-	-	-					
Neurosurgical trauma liaison.....	E	E	-	-	-					
Orthopaedic surgery.....	E	E	E	-	-					
Orthopaedic trauma liaison.....	E	E	E	-	-					
Emergency medicine.....	E	E	E	-	-					
Anesthesia.....	E	E	E	-	-					
CLINICAL CAPABILITIES (Specialty Immediately Available 24 hours/day)										
Published on-call schedule.....	E	E	E	E	D					
General surgery.....	E	E	E	D	-					
Published back-up schedule.....	E	E	D	-	-					
Dedicated to single hospital when on-call.....	E	E	D	-	-					
Anesthesia.....	E	E	E	D	-					
Emergency medicine ¹	E	E	E	-	-					
On-call and promptly available 24 hours/day										
Cardiac surgery.....	E	D	-	-	-					
Hand surgery.....	E	E	D	-	-					
Microvascular/replant surgery.....	E	D	-	-	-					
Neurologic surgery.....	E	E	D	-	-					
Dedicated to one hospital or back-up call.....	E	E	D	-	-					

	Levels					Hospital met?		Reviewers		Comments
	I	II	III	IV	V	Yes	No	Yes	No	
Obstetrics/gynecologic surgery	E	E	D	-	-					
Ophthalmic surgery	E	E	D	-	-					
Oral/maxillofacial surgery	E	E	D	-	-					
Orthopaedic surgery	E	E	E	D	-					
Dedicated to one hospital or back-up call	E	E	D	-	-					
Plastic surgery	E	E	E	D	-					
Critical care medicine	E	E	D	-	-					
Radiology	E	E	E	D	D					
Thoracic surgery	E	E	D	-	-					
CLINICAL QUALIFICATIONS										
General/trauma surgeon										
Current board certification	E	E	E	-	-					
16 hours CME/year	E	E	D	D	-					
ATLS completion	E	E	E	E	-					
Peer review committee attendance >50%	E	E	E	-	-					
Multidisciplinary committee attendance	E	E	E	-	-					
Emergency medicine										
Board certification	E	E	D	-	-					
Trauma education: 16 hours CME/year	E	E	D	-	-					
ATLS completion	E	E	E	E	E					
Peer review committee attendance >50%	E	E	E	-	-					
Multidisciplinary committee attendance	E	E	E	-	-					
Neurosurgery										
Current board certification	E	E	-	-	-					
16 hours CME/year	E	E	D	D	-					
ATLS completion	D	D	D	D	-					
Peer review committee attendance >50%	E	E	E	-	-					
Multidisciplinary committee attendance	E	E	E	-	-					
Orthopaedic surgery										
Board certification	E	E	D	-	-					
16 hours CME in skeletal trauma	E	E	D	D	-					

	Levels					Hospital met?		Reviewers		Comments
	I	II	III	IV	V	Yes	No	Yes	No	
ATLS completion	D	D	D	D	D					
Peer review committee attendance >50%	E	E	E	D	D					
Multidisciplinary committee attendance	E	E	E	-	-					
FACILITIES/RESOURCES/CAPABILITIES										
Volume Performance										
Trauma admissions 1,200/year	E	-	-	-	-					
Patients with ISS >15 (240 total or 35 patients/surgeon) ²	E	-	-	-	-					
Presence of surgeon at resuscitation ..	E	E	E	E	-					
Presence of surgeon at operative procedures	E	E	E	E	E					
Emergency Department (ED)										
Personnel										
Designated physician director	E	E	E	E	D					
Equipment for resuscitation for patients of all ages										
Airway control and ventilation equipment	E	E	E	E	E					
Pulse oximetry	E	E	E	E	E					
Suction devices	E	E	E	E	E					
Electrocardiograph-oscilloscope-defibrillator	E	E	E	E	E					
Internal paddles	E	E	E	-	-					
CVP monitoring equipment	E	E	E	D	D					
Standard IV fluids and administration sets	E	E	E	E	E					
Large-bore intravenous catheters	E	E	E	E	E					
Sterile surgical sets for										
Airway control/cricothyrotomy	E	E	E	E	E					
Thoracostomy	E	E	E	E	E					
Venous cutdown	E	E	E	E	E					
Central line insertion	E	E	E	-	-					
Thoracotomy	E	E	E	-	-					
Peritoneal lavage	E	E	E	D	D					
Arterial catheters	E	E	D	D	D					
Ultrasound	D	D	D	D	D					
Drugs necessary for emergency care .	E	E	E	E	E					
Xray availability 24 hours/day	E	E	E	E	D					

	Levels					Hospital met?		Reviewers		Comments
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Cervical Collars	E	E	E	D	D					
Broselow tape	E	E	E	E	E					
Thermal control equipment										
For patient	E	E	E	E	E					
For fluids and blood	E	E	E	E	D					
Rapid infuser system	E	E	E	D	D					
Qualitative end-tidal CO ₂ determination	E	E	E	E	E					
Communication with EMS vehicles	E	E	E	E	E					
Operating Room										
Immediately available 24 hours/day	E	D ³	D	D	-					
Personnel										
In-house 24 hours/day	E	D ³	-	-	-					
Available 24 hours/day	-	E	E	E	-					
Age-specific equipment										
Cardiopulmonary bypass	E	D	-	-	-					
Operating microscope	E	D	D	-	-					
Thermal control equipment										
For patient	E	E	E	E	E					
For fluids and blood	E	E	E	E	E					
Xray capability, including c-arm image intensifier	E	E	E	E	-					
Endoscopes, bronchoscope	E	E	E	D	-					
Craniotomy instruments	E	E	D	-	-					
Equipment for long bone and pelvic fixation	E	E	E	D	-					
Rapid infuser system	E	E	E	D	D					
Postanesthetic Recovery Room (SICU is acceptable)										
Registered nurses available 24 hours/day	E	E	E	-	-					
Equipment for monitoring and resuscitation	E	E	E	E	E					
Intracranial pressure monitoring equipment	E	E	D	-	-					
Pulse oximetry	E	E	E	E	E					
Thermal control	E	E	E	E	E					

	Levels					Hospital met?		Reviewers		Comments
	I	II	III	IV	V	Yes	No	Yes	No	
Intensive or Critical Care Unit for Injured Patients										
Registered nurses with trauma education	E	E	E	-	-					
Designated surgical director or surgical co-director	E	E	E	D	-					
Surgical ICU service physician in-house 24 hours/day	E	D	D	-	-					
Surgically directed and staffed ICU service	E	D	D	-	-					
Equipment for monitoring and resuscitation	E	E	E	E	-					
Intracranial monitoring equipment	E	E	-	-	-					
Pulmonary artery monitoring equipment	E	E	E	-	-					
Respiratory Therapy Services										
Available in-house 24 hours/day	E	E	D	D	-					
On call 24 hours/day	-	-	E	D	D					
Radiological Services (Available 24 hours/day)										
In-house radiology technologist	E	E	D	D	D					
Angiography	E	E	D	-	-					
Sonography	E	E	E	D	-					
Computed tomography	E	E	E	D	-					
In-house CT technician	E	D	-	-	-					
Magnetic resonance imaging	E	D	D	-	-					
Clinical Laboratory Service (Available 24 hours/day)										
Standard analyses of blood, urine, and other body fluids, including microsampling when appropriate	E	E	E	E	D					
Blood typing and cross-matching	E	E	E	E	D					
Coagulation studies	E	E	E	E	D					
Comprehensive blood bank or access to a community central blood bank and adequate storage facilities	E	E	E	E	D					
Blood gases and pH determinations ...	E	E	E	E	D					
Microbiology	E	E	E	E	D					
Acute Hemodialysis										
In-house	E	D	-	-	-					
Transfer agreement	-	E	E	E	E					

	Levels					Hospital met?		Reviewers		Comments
	I	II	III	IV	V	Yes	No	Yes	No	
Burn Care - Organized										
In-house or transfer agreement with Burn Center	E	E	E	E	E					
Acute Spinal Cord Management										
In-house or transfer agreement with Regional Acute Spinal Cord Injury Rehabilitation Center	E	E	E	E	E					
REHABILITATION SERVICES										
Transfer agreement to an approved rehabilitation facility	E	E	E	E	E					
Physical therapy	E	E	E	D	-					
Occupational therapy	E	E	D	D	-					
Speech therapy	E	E	D	-	-					
Social Service	E	E	E	D	-					
PERFORMANCE IMPROVEMENT										
Performance improvement programs	E	E	E	E	E					
Trauma registry										
In-house	E	E	E	E	E					
Participation in state, local, or regional registry	E	E	E	E	E					
Orthopaedic database	D	D	-	-	-					
Audit of all trauma deaths	E	E	E	E	E					
Morbidity and mortality review	E	E	E	E	E					
Trauma conference - multidisciplinary	E	E	E	E	E					
Medical nursing audit	E	E	E	E	E					
Review of pre-hospital trauma care	E	E	E	E	E					
Review of times and reasons for trauma-related bypass	E	E	E	E	E					
Review of times and reasons for transfer of injured patients	E	E	E	E	E					
Performance improvement personnel dedicated to care of injured patients	E	E	D	D	D					
CONTINUING EDUCATION/OUTREACH										
General surgery residency program	E	D	-	-	-					
ATLS provide/participate	E	D	D	D	D					
Programs provided by hospital for:										
Staff/community physicians (CME)	E	E	E ⁴	D	D					
Nurses	E	E	E	D	D					

	Levels					Hospital met?		Reviewers		Comments
	I	II	III	IV	V	Yes	No	Yes	No	
Allied health personnel	E	E	E	-	-					
Prehospital personnel provision/ participation	E	E	E	D	D					
PREVENTION										
Injury control studies	E	D	-	-	-					
Collaboration with other institutions ..	E	D	D	D	D					
Monitor progress/effect of prevention programs	E	D	D	D	D					
Designated prevention coordinator- spokesperson for injury control	E	E	D	-	-					
Outreach activities	E	E	D	D	D					
Information resources for public	E	E	D	-	-					
Collaboration with existing national, regional, and state programs	E	E	D	-	-					
Coordination and/or participation in community prevention activities	E	E	E	D	D					
RESEARCH										
Trauma registry performance Improvement activities	E	E	E	-	-					
Research committee	E	D	-	-	-					
Identifiable IRB process	E	D	-	-	-					
Extramural educational presentations .	E ⁵	D	D	-	-					
Number of scientific publications	E ⁶	D	-	-	-					
ADULT TRAUMA CENTERS CARING FOR INJURED CHILDREN										
Trauma surgeons credentialed for pediatric trauma care	E	E	D	-	-					
6 hours of pediatric CME per year per surgeon	E	E	D	-	-					
Pediatric emergency department area ..	E	E	D	-	-					
Pediatric resuscitation equipment in all patient care areas	E	E	E	E	E					
Microsampling	E	E	E	-	-					
Pediatric-specific performance improvement program	E	E	E	E	E					
Pediatric intensive care unit	E [†]	E [†]	-	-	-					

*The PICU must be available onsite. **E** Additional requirements by the West Virginia Office of Emergency Medical Services

†This criteria may be satisfied by a transfer agreement.