Level III Criteria Checklist

Facility:

Reviewer:

Date:

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter	hapter 1: Trauma Systems					
1-1	III	The individual trauma centers and their health care providers are essential system resources that must be active and engaged participants (CD $1-1$).	Type II			
1 - 2	III	They must function in a way that pushes trauma center-based standardization, integration, and PIPS out to the region while engaging in inclusive trauma system planning and development (CD 1-2).	Type II			
1-3	III	Meaningful involvement in state and regional trauma system planning, development, and operation is essential for all designated trauma centers and participating acute care facilities within a region (CD 1-3).	Type II			

Chapter	Level	Criterion: Chapter - Level	Type	Yes	No	Description
Chapter 2	Chapter 2: Description of Trauma Centers and Their Roles In a Trauma System					
2 - 1	III	The trauma center must have an integrated, concurrent performance improvement and patient safety (PIPS) program to ensure optimal care and continuous improvement in care (CD $2-1$).	Type I			
2 - 2	III	Surgical commitment is essential for a properly functioning trauma center (CD $2-2$).	Type I			
2-3	III	Trauma centers must be able to provide the necessary human and physical resources (physical plant and equipment) to properly administer acute care consistent with their level of verification (CD $2-3$).	Type IIB			

2 - 5	Ш	Through the trauma PIPS program and hospital policy, the trauma director must have	Type		
		responsibility and authority for determining each general surgeon's ability to participate on the	П		
		trauma panel based on an annual review (CD 2 – 5).			
2 - 8	Ш	For Level III trauma centers, it is expected that the surgeon will be in the emergency department	Type		
		on patient arrival, with adequate notification from the field. The maximum acceptable response	1		
		time for the highest-level activation tracked from patient arrival is 30 minutes. The minimum			
		criteria for full trauma team activation are provided in Table 2 in Chapter 5. The program must			
		demonstrate that the surgeon's presence is in compliance at least 80 percent of the time.			
2 - 12	Ш	A Level III trauma center must have continuous general surgical coverage (CD 2 – 12).	Туре		
			П		
2 - 13	Ш	Well-defined transfer plans are essential (CD 2 – 13).	Туре		
			П		
2 - 17	Ш	For Level III trauma centers, a trauma medical director and trauma program manager	Туре		
		knowledgeable and involved in trauma care must work together with guidance from the trauma	IIB		
		peer review committee to identify events, develop corrective action plans, and ensure methods			
		of monitoring, reevaluation, and benchmarking (CD 2 - 17)			
2 - 18	Ш	Level III trauma center the multidisciplinary trauma peer review committee must meet regularly,	Туре		
		with required attendance of medical staff active in trauma resuscitation, to review systemic and	IIB		
		care provider issues, as well as propose improvement to the care of the injured (CD $2-18$).			
2 - 19	Ш	A PIPS program must have audit filters to review and improve pediatric and adult patient care	Туре		
		(CD 2 – 19).	П		
2 - 22	Ш	Level III trauma centers must participate in regional disaster management plans and exercises	Туре		
		(CD 2 – 22).	П		
2 – 23	Ш	Any adult trauma center that annually admits 100 or more injured children younger than 15	Туре		
		years must fulfill the following additional criteria demonstrating their capability to care for	П		
		injured children: trauma surgeons must be credentialed for pediatric trauma care by the			
		hospital's credentialing body (CD 2 – 23).			

2 – 24	Ш	There must be a pediatric emergency department area, a pediatric intensive care area,	Type		
		appropriate resuscitation equipment, and a pediatric specific trauma PIPS Program (CD 2 – 24).	II		
2 - 25	III	For adult trauma centers annually admitting fewer than 100 injured children younger than 15	Type		
		years, these resources are desirable. These hospitals, however, must review the care of their	II		
		injured children through their PIPS program (CD 2-25).			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter	3: Preho	sspital Trauma Care				
3 – 1	III	The trauma program must participate in the training of prehospital personnel, the development	Туре			
		and improvement of prehospital care protocols, and the performance improvement an patient	II			
		safety programs (CD 3 – 1)				
3 – 2	Ш	The protocols that guide prehospital trauma care must be established by the trauma health care	Туре			
		team, including surgeons, emergency physicians, medical directors for EMS agencies, and basic	II			
		and advanced prehospital personnel (CD 3-2).				
3 – 3	Ш	Rigorous multidisciplinary performance improvement is essential to evaluate overtriage and	Туре			
		undertriage rates to attain the optimal goal of less than 5 percent undertriage (CD $3-3$).	II			
3 – 4	III	The trauma director must be involved in the development of the trauma center's bypass	Туре			
		(diversion) protocol (CD 3 – 4).	II			
3 – 5	Ш	The trauma surgeon must be involved in the decision regarding bypass (diversion) each time the	Туре			
		center goes on bypass (CD 3 – 5).	II			
3 – 6	Ш	The trauma center must not be on bypass (diversion) more than 5 percent of the time (CD $3-6$).	Туре			
			II			
3 – 7	Ш	When a trauma center is required to go on bypass or to divert, the center must have a system to	Туре			
		notify dispatch and EMS agencies (CD $3-7$). The center must do the following:	II			
		Prearrange alternative destinations with transfer agreements in place				
		Notify other centers of divert or advisory status				
		Maintain a divert log				

Subject all diverts and advisories to performance improvement procedures		

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter 4	4: Inter-	hospital Transfer				
4 - 1	Ш	Direct physician-to-physician contact is essential (CD 4 – 1).	Type II			
4 - 2	III	The decision to transfer an injured patient to a specialty care facility in an acute situation must be based solely on the needs of the patient and not on the requirements of the patient's specific provider network (for example, a health maintenance organization or a preferred provider organization) or the patient's ability to pay (CD $4-2$)	Type II			
4 - 3	III	A very important aspect of inter-hospital transfer is an effective PIPS program that includes evaluating transport activities (CD $4-3$).	Type II			
4 - 3	III	Perform a PIPS review of all transfers (CD 4 – 3).	Type II			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter 5	5: Hospi	tal Organization and the Trauma Program				
5 – 1	Ш	A decision by a hospital to become a trauma center requires the commitment of the institutional	Туре			
		governing body and the medical staff (CD $5-1$)	I			
5-1	Ш	Documentation of administrative commitment is required from the governing body and the	Туре			
		medical staff (CD 5 – 1).	I			
5 – 2	Ш	This [administrative] support must be reaffirmed continually (every 3 years) and must be current	Туре			
		at the time of verification (CD $5-2$).	II			
5-3	Ш	The [medical staff] support must be reaffirmed continually (every 3 years) and must be current at	Туре			
		the time of verification (CD $5-3$).	II			

Ш	The trauma program must involve multiple disciplines and transcend normal departmental	Туре			
	hierarchies (CD 5 – 4).	1			
Ш	The TMD must be dedicated to one trauma center and cannot administer two facilities.	Туре			
		1			
Ш	The TMD must be a full time/permanent position.	Туре			
		I			
Ш	The TMD must be a current board-certified general surgeon (or a general surgeon eligible for	Туре			
	certification by the American board of Surgery according to current requirements) or a general	ı			
	surgeon who is an American College of Surgeons Fellow with a special interest in trauma care and				
	must participate in trauma call (CD $5-5$).				
Ш	The TMD must be current in Advanced Trauma Life Support® (ATLS®) (CD 5 – 6).	Туре			
		II			
Ш	The TMD must have the authority to manage all aspects of trauma care (CD $5-9$).	Туре			
		IIB			
Ш	The TMD must chair and attend a minimum of 50% of the multidisciplinary trauma peer review	Туре			
	committee meetings. (CD 5 – 10).	II			
Ш	The TMD, in collaboration with the TPM, must have the authority to correct deficiencies in	Туре			
	trauma care and exclude from trauma call the trauma team members who do not meet specified	II			
	criteria (CD 5 – 11).				
Ш	In addition, the TMD must perform an annual assessment of the trauma panel providers in the	Туре			
	form of Ongoing Professional Practice Evaluation (OPPE) and Focused Professional Practice	II			
	Evaluation (FPPE) when indicated by findings of the PIPS process (CD $5-11$).				
III	The TMD must have the responsibility and authority to ensure compliance with the above	Туре			
	requirements and cannot direct more than one trauma center (CD $5-12$).	II			
III	The criteria for a graded activation must be clearly defined by the trauma center, with the	Туре			
	highest level of activation including the six required criteria listed in Table 2 (CD $5-13$).	Ш			
		hierarchies (CD 5 – 4). The TMD must be dedicated to one trauma center and cannot administer two facilities. The TMD must be a full time/permanent position. The TMD must be a current board-certified general surgeon (or a general surgeon eligible for certification by the American board of Surgery according to current requirements) or a general surgeon who is an American College of Surgeons Fellow with a special interest in trauma care and must participate in trauma call (CD 5 – 5). The TMD must be current in Advanced Trauma Life Support® (ATLS®) (CD 5 – 6). The TMD must have the authority to manage all aspects of trauma care (CD 5 – 9). The TMD must chair and attend a minimum of 50% of the multidisciplinary trauma peer review committee meetings. (CD 5 – 10). The TMD, in collaboration with the TPM, must have the authority to correct deficiencies in trauma care and exclude from trauma call the trauma team members who do not meet specified criteria (CD 5 – 11). 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III In addition, the TMD must perform an annual assessment of the trauma panel providers in the form of Ongoing Professional Practice Evaluation (OPPE) and Focused Professional Practice Evaluation (OPPE) when indicated by findings of the PIPS process (CD 5 – 11). III The TMD must have the responsibility and authority to ensure compliance with the above requirements and cannot direct more than one trauma center (CD 5 – 12). III The criteria for a graded activation must be clearly defined by the trauma center, with the

5 – 15	III	In Level III trauma centers the team must be fully assembled within 30 minutes (CD $5-15$).	Type		
			II		
5 – 16	III	Other potential criteria for trauma team activation that have been determined by the trauma	Type		
		program to be included in the various levels of trauma activation must be evaluated on an	П		
		ongoing basis in the PIPS process (CD $5-16$) to determine their positive predictive value in			
		identifying patients who require the resources of the full trauma team.			
5 – 16	III	The emergency physician may initially evaluate the limited – tier trauma patient, but the center	Туре		
		must have a clearly defined response expectation for the trauma surgical evaluation of those	II		
		patients requiring admission (CD 5 – 16).			
5 – 17	III	In Level III centers, injured patients may be admitted to individual surgeons, but the structure of	Туре		
		the program must allow the trauma director to have oversight authority for the care of these	Ш		
		patients (CD 5 – 17).			
5 - 18	III	Programs that admit more than 10% of injured patients to non-surgical services must review all	Туре		
		non-surgical admissions through the trauma PIPS process (CD 5 – 18).	Ш		
5 – 21	III	There must be a method to identify the injured patients, monitor the provision of health care	Туре		
		services, make periodic rounds and hold formal and informal discussions with individual	1		
		practitioners (CD 5 – 21).			
5 – 22	III	In addition to administrative ability, the TPM must show evidence of educational preparation and	Туре		
		clinical experience in the care of injured patients (CD $5-22$).	Ш		
5 - 25	III	The trauma center's PIPS program must have a multidisciplinary trauma peer review committee	Туре		
		chaired by the TMD (CD 5 – 25).	IIB		

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter	Chapter 6: Clinical Functions: General Surgery					
6 – 1	III	General surgeons caring for trauma patients must meet certain requirements, as described	Туре			
		herein (CD 6 – 1). These requirements may be considered to be in four categories: current board	П			
		certification, clinical involvement, performance improvement and patient safety, and education.				

6 – 2	Ш	Board certification or eligible for certification by the American Board of Surgery according to	Туре		
		current requirements or the alternate pathway is essential for general surgeons who take trauma	II		
		call in Level III trauma centers (CD 6 – 2).			
6 – 3	Ш	Alternate Criteria (CD 6 – 3) for non-Board-Certified Surgeons in a Level I, II, or III Trauma Centers.	Туре		
			П		
6 – 4	Ш	Trauma surgeons must have privileges in general surgery (CD 6 – 4).	Туре		
			П		
6	Ш	For Level III trauma centers, the maximum acceptable response time is 30 minutes. Response	Туре		
		time will be tracked from patient arrival rather than from notification or activation (this is a	1		
		subsection of 6 – 5 and 6 – 6). An 80 percent attendance threshold must be met for the highest-			
		level activations (CD 2 – 8).			
6 – 7	Ш	For Level III trauma centers, the attending surgeon is expected to be present in the operating	Туре		
		room for all operations. A mechanism for documenting this presence is essential (CD $6-7$).	II		
6	Ш	In Level III trauma centers, there must be a multidisciplinary trauma peer review committee	Туре		
		chaired by the trauma medical director (CD 5 – 25) and representatives from general surgery (CD	II		
		6-8), and liaisons from orthopedic surgery (CD $9-16$), emergency medicine (CD $7-11$), ICU (CD			
		11 – 62), and anesthesia (CD 11 – 13).			
6	Ш	The liaison or representative (one pre-determined alternate) must attend the Trauma	Туре		
		multidisciplinary peer review meeting at least 50% of the time.	II		
6-8	III	Each member of the group of general surgeons must attend at least 50 percent of the	Туре		
		multidisciplinary trauma peer review committee meetings (CD $6-8$).	II		
6-9	III	All general surgeons on the trauma team must have successfully completed the Advanced	Туре		
		Trauma Life Support® (ATLS®) Course at least once (CD 6 – 9).	II		

Chapter	Level	Criterion: Chapter - Level	Type	Yes	No	Description
Chapter 7	7: Clinica	I Functions: Emergency Medicine				

7 – 1	Ш	The emergency departments of Level III trauma centers must have a designated emergency	Type		
		physician director supported by an appropriate number of additional physicians to ensure	1		
		immediate care for injured patients (CD $7-1$).			
7-3	Ш	Occasionally, in a Level III trauma center, it is necessary for the physician to leave the emergency	Туре		
		department for short periods to address in-house emergencies. Such cases and their frequency	II		
		must be reviewed by the performance improvement and patient safety (PIPS) program to ensure			
		that this practice does not adversely affect the care of patients in the emergency department (CD			
		7 – 3).			
7 – 4	Ш	In institutions in which there are emergency medicine residency training programs, supervision	Туре		
		must be provided by an in-house attending emergency physician 24 hours per day (CD 7 – 4).	II		
7 – 5	Ш	These roles and responsibilities must be defined, agreed on, and approved by the director of the	Туре		
		trauma service (CD 7 – 5).	Ш		
7 – 6	Ш	Board certification or eligibility for certification by the appropriate emergency medicine board	Туре		
		according to current requirements or the alternate pathway is essential for physicians staffing the	1		
		emergency department and caring for trauma patients in Level III trauma centers (CD 7 – 6).			
7	Ш	Alternate Criteria (CD 6 – 3) for Non-Board-Certified Emergency Medicine Physicians Level III	Туре		
		Trauma Centers.	Ш		
7 – 7	Ш	Emergency Physicians on the call panel must be regularly involved in the care of injured patients	Туре		
		(CD 7 - 7).	II		
7 – 8	Ш	A representative from the emergency department must participate in the prehospital PIPS			
		program (CD 7 – 8).	Type		
			Ш		
7 – 9	Ш	A designated emergency physician liaison must be available to the trauma director for PIPS issues	Туре		
		that occur in the emergency department (CD $7-9$).	II		
7 – 10	Ш	Emergency Physicians must participate actively in the overall trauma PIPS program and the	Туре		
		multidisciplinary trauma peer review committee (CD 7 – 10).	Ш		

7 – 11	Ш	The emergency medicine liaison or representative (one predetermined alternate) on the			
		multidisciplinary trauma peer review committee must attend a minimum of 50 percent of the	Туре		
		committee meetings (CD 7 – 11).	II		
7 – 14	Ш	In Level III trauma centers, all board-certified emergency physicians or those eligible for	Туре		
		certification by an appropriate emergency medicine board according to current requirements	П		
		must have successfully completed the ATLS $^{\circ}$ course at least once (CD 7 – 14).			
7 – 15	Ш	Physicians who are certified by boards other than emergency medicine who treat trauma	Туре		
		patients in the emergency department are required to have current ATLS® status (CD 7 – 15)	II		
	1			ĺ	

Chapter	Level	Criterion: Chapter - Level	Type	Yes	No	Description
Chapter	8: Clinica	al Functions: Neurosurgery				
8 – 5	Ш	A formal, published contingency plan must be in place for times in which a neurosurgeon is	Туре			
		encumbered upon the arrival of a neurotrauma case (CD 8 – 5). The contingency plan must	1			
		include the following:				
		 A credentialing process to allow the trauma surgeon to provide initial evaluation and stabilization of the neurotrauma patient. 				
		 Transfer agreements with a similar or higher-level verified trauma center. 				
		 Direct contact with the accepting facility to arrange for expeditious transfer or ongoing monitoring support. 				
		 Monitoring of the efficacy of the process by the PIPS program. 				
8-6	Ш	If one neurosurgeon covers two centers within the same limited geographic area, there must be	Type			
		a published backup schedule (CD 8 – 6).	П			
8-6	Ш	In addition, the performance improvement process must demonstrate that appropriate and	Type			
		timely care is provided (CD $8-6$).	П			
8 – 7	Ш	A Level III trauma center must have a plan approved by the trauma medical director that	Type			
		determines which types of neurosurgical injuries may remain and which should be transferred	П			
		(CD 8 – 7).				

8-8	Ш	Transfer agreements must exist with appropriate level I and Level II trauma centers (CD 8 – 8).	Туре		
			1		
8 – 9	Ш	In all cases, whether patients are admitted or transferred, the care must be timely, appropriate,	Туре		
		and monitored by the PIPS program (CD $8-9$).	П		
8 – 10	Ш	Board Certification or eligibility for certification by an appropriate neurosurgical board according	Туре		
		to the current requirements or the alternate pathway is essential for neurosurgeons who take	П		
		trauma call in Level III trauma centers (CD 8 – 10).			
8 (6-3)	Ш	Alternate Criteria (CD 6 – 3) for Non-Board-Certified Neurosurgeons in Level III Trauma Centers	Туре		
			П		
8 – 13	Ш	Level III centers with any emergent neurosurgical cases must also have the participation of	Туре		
		neurosurgery on the multidisciplinary trauma peer review committee (CD $8-13$).	II		

Chapter	Level	Criterion: Chapter - Level	Type	Yes	No	Description
Chapter 9	9: Clinica	al Functions: Orthopedic Surgery				
9 – 2	III	Operating rooms must be promptly available to allow for emergency operations on	Туре			
		musculoskeletal injuries, such as open fracture debridement and stabilization, external fixator	1			
		placement, and compartment decompression (CD $9-2$).				
9 - 4	III	Level III trauma centers must have an orthopedic surgeon who is identified as the liaison to the	Туре			
		trauma program (CD 9- 4).	1			
9 - 11	III	Level III facilities vary significantly in the staff and resources that they can commit to	Туре			
		musculoskeletal trauma care, but they must have an orthopedic surgeon on call and promptly	П			
		available 24 hours a day (CD 9 – 11).				
9 – 12	III	If the orthopedic surgeon is not dedicated to a single facility while on call, then a published	Туре			
		backup schedule is required (CD 9 – 12).	П			
9 – 13	Ш	The PIPS process must review the appropriateness of the decision to transfer or retain major	Туре			
		orthopedic trauma cases (CD 9 – 13).	II			

9 – 15	Ш	The orthopedic service must participate actively with the overall trauma PIPS program and the	Туре		
		multidisciplinary trauma peer review committee (CD 9 – 15).	IIB		
9 – 16	Ш	The orthopedic liaison or representative (one pre-determined alternate) to the trauma PIPS	Туре		
		program must attend a minimum of 50 percent of the multidisciplinary trauma peer review	II		
		committee meetings (CD 9 – 16).			
9 – 17	Ш	Board certification or eligibility for certification by an appropriate orthopedic board according to	Type		
		the current requirements, or the alternate pathway is essential for orthopedic surgeons who	II		
		take trauma call in Level III trauma centers (CD 9 – 17).			
9 (6-3)	Ш	Alternate Criteria (CD 6 – 3) for Non-Board-Certified Orthopedic Surgeons in a Level III Trauma	Туре		
		Center.	П		

Chapter 3	Chapter 10: Pediatric Trauma Care									
10 - 38	Ш	All pediatric and general surgeons on the pediatric trauma panel treating children must attend	Туре							
		at least 50% of the trauma peer review meetings (CD 10-38).	II							

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter 1	11: Colla	borative Clinical Services				
11 – 1	III	Anesthesia services are critical in the management of severely injured patients and must be	Type			
		available within 30 minutes for emergency operations (CD $11-1$).	1			
11 – 2	III	Anesthesiology services are critical in the management of severely injured patients and must be	Type			
		available within 30 minutes for managing airway problems (CD $11-2$).	1			
11 – 3	Ш	In Level III trauma centers, a qualified and dedicated physician anesthesiologist must be	Туре			
		designated as the liaison to the trauma program (CD $11-3$).	1			
11 – 6	Ш	The availability of anesthesia services and delays in airway control or operations must be	Туре			
		documented by the hospital performance improvement and patient safety (PIPS) process (CD 11	П			
		−6).				

11 – 7	Ш	Anesthesia requirements may be fulfilled by senior residents or CRNAs or Certified	Туре		
		Anesthesiologist's Assistants.	1		
11 – 7	III	In Level III hospitals, in-house anesthesia services are not required, but anesthesiologists or	Туре		
		CRNAs must be available within 30 minutes (CD $11-7$).	1		
11 – 8	III	In Level III trauma centers without in-house anesthesia services, protocols must be in place to	Туре		
		ensure the timely arrival at the bedside by the anesthesia provider within 30 minutes of	1		
		notification and request (CD 11 – 8).			
11 – 9	III	Under these circumstances, the presence of a physician or CRNA skilled in emergency airway	Туре		
		management must be documented (CD 11 – 9).	1		
11 – 11	III	In Level III, where CRNAs are licensed to practice independently may function as the anesthesia	Туре		
		liaison.	П		
11 – 12	III	In Level III trauma centers participation in the trauma PIPS program by the anesthesia liaison is	Туре		
		essential (CD 11 – 12).	IIB		
11 – 13	III	In Level III trauma centers, a dedicated physician anesthesiologist or anesthesia clinician must be	Туре		
		designated as the liaison to the trauma program and the anesthesia representative must attend	II		
		at least 50 percent of the multidisciplinary peer review meetings.			
11 – 13	Ш	The liaison or representative (one pre-determined alternate) must attend the Trauma	Туре		
		multidisciplinary peer review meeting at least 50% of the time.	II		
11 – 17	III	In Level III trauma centers, an operating room must be adequately staffed and available within 30	Туре		
		minutes (CD 11 – 17).	1		
11 – 18	Ш	If an on-call team is used, the availability of operating room personnel and the timeliness of	Type		
		starting operations must be continuously evaluated by the trauma PIPS process, and measures	II		
		must be implemented to ensure optimal care (CD $11 - 18$).			
11 – 19	III	All trauma centers must have rapid fluid infusers, thermal control equipment for patients and	Туре		
		resuscitation fluids, intraoperative radiologic capabilities, equipment for fracture fixation, and	1		
		equipment for bronchoscopy and gastrointestinal endoscopy (CD 11 – 19).			

11 – 20	III	Level III trauma centers must have the necessary equipment to perform a craniotomy (CD 11 –	Туре		
11 – 20	""	20). Only Level III trauma centers that do not offer neurosurgery services are not required to	Type		
			'		
		have craniotomy equipment.			
11 – 24	III	At Level III trauma centers, a PACU with qualified nurses must be available 24 hours per day to	Type		
		provide care for the patient if needed during the recovery phase (CD $11-24$).	1		
11 – 25	Ш	If this availability requirement is met with a team on call from outside the hospital, the	Туре		
		availability of the PACU nurses and compliance with this requirement must be documented by	П		
		the PIPS program (CD 11 – 25).			
11 – 26	Ш	The PACU must have the necessary equipment to monitor and resuscitate patients, consistent	Type		
		with the process of care designated by the institution (CD $11-26$).	1		
11 – 27	III	The PIPS program, at a minimum, must address the need for pulse oximetry, end-tidal carbon	Туре		
		dioxide detection, arterial pressure monitoring, pulmonary artery catheterization, patient re-	П		
		warming, and intracranial pressure monitoring (CD $11-27$).			
11 – 28	Ш	The trauma center must have policies designed to ensure that trauma patients who may require	Туре		
		resuscitation and monitoring are accompanied by appropriately trained providers during	П		
		transportation to, and while in, the radiology department (CD $11 - 28$).			
11 – 29	Ш	Conventional radiography must be available in all trauma centers 24 hours per day (CD $11 - 29$).	Туре		
			1		
11 – 30	III	Computed tomography (CT) must be available in Level III trauma centers 24 hours per day (CD 11	Type		
		– 30).	1		
11 – 32	III	In Level III trauma centers, qualified radiologists must be available within 30 minutes in person or	Туре		
		by tele-radiology for the interpretation of radiographs (CD $11-32$).	1		
11 – 34	III	In Level III trauma centers diagnostic information must be communicated in a written or	Type		
		electronic form and in a timely manner (CD $11-34$).	П		
11 – 35	III	Critical information deemed to immediately affect patient care must be verbally communicated	Type		
		to the trauma team in a timely manner (CD 11 – 35).	П		

111	The final report must accurately reflect the chronology and content of communications with the	Tuno			
III	Changes in interpretation between preliminary and final reports, as well as missed injuries, must	Type			
	be monitored through the PIPS program (CD 11 – 37).	Ш			
Ш	In Level III centers, if the CT technologist takes call from outside the hospital, the PIPS program	Type			
	must document the technologists time of arrival at the hospital (CD $11-47$).	П			
Ш	In Level III trauma centers, a surgeon must serve as co-director or director of the ICU and be	Туре			
	actively involved in, and responsible for, setting policies and administrative decisions related to	П			
	trauma ICU patients (CD 11 – 53).				
III	In Level III facilities, the ICU director or co-director must be a surgeon who is currently board	Туре			
	certified or eligible for certification by the current standard requirements (CD $11 - 54$).	II			
Ш	In Level III trauma centers, physician coverage of the ICU must be available within 30 minutes,	Туре			
	with a formal plan in place for emergency coverage (CD 11 – 56).	1			
Ш	In Level III trauma centers, the PIPS program must review all ICU admissions and transfers of ICU	Type			
	patients to ensure that appropriate patients are being selected to remain at the Level III center	П			
	vs. being transferred to a higher level of care (CD 11 – 57).				
Ш	In Level III trauma centers, the trauma surgeon must retain responsibility for the patient and	Туре			
	coordinate all therapeutic decisions (CD 11 – 58).	1			
Ш	Many of the daily care requirements can be collaboratively managed by a dedicated ICU team,	Туре			
	but the trauma surgeon must be kept informed and concur with major therapeutic and	1			
	management decisions made by the ICU team (CD 11 – 59).				
Ш	For all levels of trauma centers, the timely response of credentialed providers to the ICU must be	Type			
	continuously monitored as part of the PIPS program (CD 11 – 60).	П			
Ш	There must be a designated ICU liaison to the trauma service (CD 11 – 61).	Type			
		П			
Ш	The ICU liaison or representative (one pre-determined alternate) must attend at least 50 percent	Туре			
	of the multidisciplinary peer review meetings, with documentation by the trauma PIPS program	II			
	(CD 11 – 62).				
		trauma team, including changes between the preliminary and final interpretations (CD 11 – 36). Changes in interpretation between preliminary and final reports, as well as missed injuries, must be monitored through the PIPS program (CD 11 – 37). III In Level III centers, if the CT technologist takes call from outside the hospital, the PIPS program must document the technologists time of arrival at the hospital (CD 11 – 47). III In Level III trauma centers, a surgeon must serve as co-director or director of the ICU and be actively involved in, and responsible for, setting policies and administrative decisions related to trauma ICU patients (CD 11 – 53). III In Level III facilities, the ICU director or co-director must be a surgeon who is currently board certified or eligible for certification by the current standard requirements (CD 11 – 54). 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11 – 65	III	At Level I, II, and III trauma centers, qualified critical care nurses must be available 24 hours per	Туре		
11 05		day to provide care for patients during the ICU phase (CD 11 – 65).	1,750		
11 – 66	III	The patient-to-nurse ratio in the ICU must not exceed two to one (CD 11 – 66).	Tuno		
11 – 00	""	The patient-to-nurse ratio in the ICO must not exceed two to one (CD 11 – 66).	Туре		
11 – 67	III	The ICU must have the necessary equipment to monitor and resuscitate patients (CD $11 - 67$).	Type		
			I		
11 – 68	III	Intracranial pressure monitoring equipment must be available in Level I and II trauma centers and	Type		
		in Level III trauma centers with neurosurgical coverage that admit neurotrauma patients (CD 11 –	1		
		68).			
11 – 69	III	Trauma patients must not be admitted or transferred by a primary care physician without the	Type		
		knowledge and consent of the trauma service, and the PIPS program should monitor adherence	IIB		
		to this guideline (CD 11 – 69).			
11 – 72	III	Level III trauma centers must have the availability and commitment of orthopedic surgeons (CD	Туре		
		11 – 72).	1		
11	III	For all patients being transferred for specialty care, such as burn care, microvascular surgery,	Туре		
		cardiopulmonary bypass capability, complex ophthalmologic surgery, or high-complexity pelvic	Ш		
		fractures, agreements with a similar or higher-qualified verified trauma center should be in place.			
		If this approach is used, a clear plan for expeditious critical care transport, follow-up, and			
		performance monitoring is required (CD 8 – 5). If complex cases are being transferred out, a			
		contingency plan should be in place and must include the following:			
		 A credentialing process to allow the trauma surgeon to provide initial evaluation and stabilization of the patient. 			
		Transfer agreements with similar or higher-verified trauma centers.			
		Direct contact with the accepting facility to arrange for expeditious transfer or ongoing			
		monitoring support.			
44 74		Monitoring of the efficacy of the process by the PIPS programs.	T		
11 – 74	III	In a Level III facility, internal medicine specialists must be available on the medical staff (CD 11 –	Type 		
		74).	II		

11 – 76	III	In Level III centers, there must be a respiratory therapist on call 24 hours per day (CD 11 -76).	Type I		
11 – 78	Ш	Level III trauma centers that do not have dialysis capabilities must have a transfer agreement in	Туре		
		place (CD 11 – 78).	II		
11 – 80	Ш	In trauma centers of all levels, laboratory services must be available 24 hours per day for the	Type		
		standard analyses of blood, urine, and other body fluids, including micro-sampling when	1		
		appropriate (CD 11 -80).			
11 – 81	Ш	The blood bank must be capable of blood typing and cross-matching (CD 11 – 81).	Type		
			1		
11 – 83	Ш	In Level III centers, the blood bank must have an adequate supply of packed red blood cells and	Type		
		fresh frozen plasma available within 15 minutes (CD 11 – 83).	1		
11 – 84	Ш	Trauma centers of all levels must have a massive transfusion protocol developed collaboratively	Type		
		between the trauma service and the blood bank (CD $11-84$).	1		
11 – 85	Ш	Coagulation studies, blood gas analysis, and microbiology studies must be available 24 hours per	Type		
		day (CD 11 – 85).	1		
11 – 86	Ш	Advanced practitioners who participate in the initial evaluation of trauma patients must	Type		
		demonstrate current verification as an Advanced Trauma Life Support® provider (CD 11 – 86).	П		
11 – 87	Ш	The trauma program must also demonstrate appropriate orientation, credentialing processes,	Туре		
		and skill maintenance for advanced practitioners, as witnessed by an annual review by the	II		
		trauma medical director (CD 11 – 87).			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter 12	apter 12: Rehabilitation					
12 – 3	Ш	Physical therapy (CD 12 – 3) must be provided in Level III trauma centers.	Type I			
12 – 4	Ш	Social services (CD 12 – 4) must be provided in Level III trauma centers.	Type II			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter 1	3: Rural	Trauma Care				
13 (4-1)	III	Direct contact of the physician or midlevel provider with a physician at the receiving hospital is	Туре			
13 (2-	III	essential (CD 4 – 1). Transfer guidelines and agreements between facilities are crucial and must be developed after	II Type			
13)		evaluating the capabilities of rural hospitals and medical transport agencies (CD 2 – 13).	II			
13 (4-3)	III	All transfers must be evaluated as part of the receiving trauma center's performance improvement and patient safety (PIPS) process (CD $4-3$), and feedback should be provided to the transferring center.	Type II			
13 (15- 1)	III	The foundation for evaluation of a trauma system is the establishment and maintenance of a trauma registry (CD 15- 1).	Type II			
13 (16- 10)	III	Issues that must be reviewed will revolve predominately around (1) system and process issues such as documentation and communication; (2) clinical care, including identification and treatment of immediate life-threatening injuries (ATLS $^{\circ}$); and (3) transfer decisions (CD 16 – 10).	Type II			
13 (1-1)	III	The best possible care for patients must be achieved with a cooperative and inclusive program that clearly defines the role of each facility within the system (CD $1-1$).	Type II			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter 1	14: Guid	elines for the Operation of Burn Centers				
14 – 1	Ш	Trauma centers that refer burn patients to a designated burn center must have in place written	Туре			
		transfer agreements with the referral burn center (CD $14-1$).	II			

Chapter	Level	Criterion: Chapter - Level	Type	Yes	No	Description
Chapter 1	Chapter 15: Trauma Registry					
15 – 1	Ш	Trauma registry data must be collected and analyzed by every trauma center (CD $15-1$).	Туре			
			=			

15 – 2	Ш	Finally, these data must be collected in compliance with the National Trauma Data Standard	Type		
	'''	(NTDS) and submitted to the National Trauma Data Bank® (NTDB®) every year in a timely fashion	II		
		so that they can be aggregated and analyzed at the national level (CD $15 - 2$).	''		
15 – 3	III	The trauma registry is essential to the performance improvement and patient safety (PIPS)	Type		
		program and must be used to support the PIPS process (CD 15 – 3).	IIB		
15 – 4	Ш	Furthermore, these findings must be used to identify injury prevention priorities that are	Type		
		appropriate for local implementation (CD $15-4$).	П		
15 – 5	Ш	All trauma centers must use a risk adjusted benchmarking system to measure performance and	Type		
		outcomes (CD 15 – 5).	II		
15 – 6	Ш	Trauma registries should be concurrent. At a minimum, 80 percent of cases must be entered	Туре		
		within 60 days of discharge (CD 15 - 6).	П		
15 – 7	Ш	[Registrar] They must attend or have previously attended two courses within 12 months of being	Туре		
		hired: (1) the American Trauma Society's Trauma Registrar Course or equivalent provided by a	П		
		state trauma program; and (2) the Association of the Advancement of Automotive Medicine's			
		Injury Scaling Course (CD 15 – 7).			
15 – 8	Ш	The trauma program must ensure that appropriate measures are in place to meet the	Туре		
		confidentiality requirements of the data (CD $15 - 8$).	П		
15 – 9	Ш	One full-time equivalent employee dedicated to the registry must be available to process the	Туре		
		data capturing the NTDS data set for each 500-750 admitted patients annually (CD 15 - 9).	П		
15 – 10	Ш	Strategies for monitoring data validity are essential (CD 15 – 10).	Type		
			П		

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description				
Chapter 1	Chapter 16: Performance Improvement and Patient Safety									
16 – 1	Ш	Trauma centers must have a PIPS program that includes a comprehensive written plan outlining	Туре							
		the configuration and identifying both adequate personnel to implement that plan and an	IIB							
		operational data management system (CD $16-1$).								

16 (15-	Ш	The PIPS program must be supported by a reliable method of data collection that consistently	Туре		
1)		obtains the information necessary to identify opportunities for improvement (CD $15-1$).	II		
16 (2-	Ш	The processes of event identification and levels of review must result in the development of	Туре		
17)		corrective action plans, and methods of monitoring, reevaluation, and benchmarking must be	П		
		present (CD 2 – 17).			
16 – 2	Ш	Problem resolution, outcome improvements, and assurance of safety ("loop closure") must be	Туре		
		readily identifiable through methods of monitoring, reevaluation, benchmarking, and	IIB		
		documentation (CD 16 – 2)			
16 (2-	Ш	Peer review must occur at regular intervals to ensure that the volume of cases is reviewed in a	Туре		
18)		timely fashion (CD 2 – 18).	П		
16 – 3	Ш	The trauma PIPS program must integrate with the hospital quality and patient safety effort and	Туре		
		have a clearly defined reporting structure and method for provision of feedback (CD $16-3$).	II		
16 (5-1)	Ш	Because the trauma PIPS program crosses many specialty lines, it must be empowered to address	Туре		
		events that involve multiple disciplines and be endorsed by the hospital governing body as part	1		
		of its commitment to optimal care of injured patients (CD $5-1$).			
16 (5-1)	Ш	There must be adequate administrative support to ensure evaluation of all aspects of trauma	Туре		
		care (CD 5 – 1).	1		
16 (5-1)	Ш	The trauma medical director and the trauma program manager must have the authority and be	Туре		
		empowered by the hospital governing body to lead the program (CD $5-1$).	1		
16 (5-	Ш	The trauma medical director must have sufficient authority to set the qualifications for the	Туре		
11)		trauma service members, including individuals in specialties that are routinely involved with the	П		
		care of the trauma patient (CD 5 – 11).			
16 (5-	III	Moreover, the trauma medical director must have authority to recommend changes for the	Туре		
11)		trauma panel passed on performance review (CD 5 – 110.	П		
16 (5-	III	The peer review committee must be chaired by the TMD (CD $5-25$).	Туре		
25)			II		
16	III	In level III trauma centers, representation from general surgery (CD 6 – 8), and liaisons to the	Туре		
		trauma program from emergency medicine (CD 7 $-$ 11), orthopedics (CD 9 $-$ 16), and	П		

		anesthesiology (CD $11 - 13$), critical care (CD $11 - 62$) must be identified and participate actively			
		in the trauma PIPS program with at least 50 percent attendance at multidisciplinary trauma peer			
		review committee.			
16 (8-	Ш	Level III centers with any emergent neurosurgical cases must also have the participation of	Туре		
13)		neurosurgery on the multidisciplinary trauma peer review committee (CD 8 – 13).	П		
16 (15-	Ш	The trauma center must demonstrate that all trauma patients can be identified for review (CD 15	Туре		
1)		-1).	II		
16 (15-	Ш	In Level III trauma centers, the trauma registry must submit the required data elements to the	Туре		
2)		NTDB (CD 15 – 2).	II		
16 (15-	Ш	The trauma PIPS program must be supported by a registry and a reliable method of concurrent	Туре		
3)		data collection that consistently obtains information necessary to identify opportunities for	IIB		
		improvement (CD 15 – 3).			
16 (15-	III	All trauma centers must use a risk adjusted benchmarking system to measure performance and	Туре		
5)		outcomes (CD 15 – 5).	Ш		
16 – 4	III	To achieve this goal, a trauma program must use clinical practice guidelines, protocols, and	Туре		
		algorithms derived from evidenced-based validated resources (CD 16 – 4).	IIB		
16 – 5	Ш	All process and outcome measures must be documented within the trauma PIPS program's	Туре		
		written plan and reviewed and updated at least annually (CD $16-5$).	II		
16 – 6	Ш	Mortality Review (CD 16 – 6). All trauma-related mortalities must be systematically reviewed and	Туре		
		those mortalities with opportunities for improvement identified for peer review.	IIB		
		Total trauma-related mortality rates. Outcome measures for total, pediatric (younger than 15 years), and geriatric (older than 64 years) trauma encounters should be categorized as follows: 2) POA (propositional dead on arrival with no additional recursitation offerts initiated in			
		 a) DOA (pronounced dead on arrival with no additional resuscitation efforts initiated in the emergency department). b) DIED (died in the emergency department despite resuscitation efforts). c) In-hospital (including operating room). 			
ĺ		2. Mortality rates by Injury Severity Scale (ISS) subgroups using Table 1.			

16 (2-9)	III	Trauma surgeon response to the emergency department (CD 2 – 9). See previous detail.	Туре		
			II		
16 (5-	Ш	Trauma team activation (TTA) criteria (CD 5 – 13). See previous detail.	Туре		
13)			II		
16	III	All Trauma Team Activations must be categorized by the level of response and quantified by	Туре		
		number and percentage, as shown in Table 3 (CD $5 - 14$, CD $5 - 15$).	II		
16 (5-	Ш	Trauma surgeon response time to other levels of TTA, and for back-up call response, should be	Туре		
16)		determined and monitored. Variances should be documented and reviewed for reason for delay,	II		
		opportunities for improvement, and corrective actions (CD $5-16$).			
16 (5-	III	Response parameters for consultants addressing time-critical injuries (for example, epidural	Туре		
16)		hematoma, open fractures, and hemodynamically unstable pelvic fractures) must be determined	II		
		and monitored (CD 5 – 16).			
16 – 7	Ш	Rates of undertriage and overtriage must be monitored and reviewed quarterly (CD 16 – 7).	Туре		
			II		
16 (5-	Ш	Trauma patient admissions (NTDS definition) to a nonsurgical service is higher than 10 percent	Туре		
18)		(CD 5 – 18).	II		
16	Ш	Acute transfers out (CD 9 – 14). All trauma patients who are diverted (CD 3 – 4) or transferred	Туре		
		(CD $4-3$) during the acute phase of hospitalization to another trauma center, acute care	II		
		hospital, or specialty hospital (for example, burn center, preimplantation center, or pediatric			
		trauma center) or patients requiring cardiopulmonary bypass or when specialty personnel are			
		unavailable must be subjected to individual case review to determine the rationale for transfer,			
		appropriateness of care, and opportunities for improvement. Follow-up from the center to			
		which the patient was transferred should be obtained as part of the case review.			
16	III	Emergency physicians covering in-house emergencies at Level III trauma centers (CD 7 – 3). See	Туре		
		previous detail.	II		
16	Ш	Trauma center diversion-bypass hours must be routinely monitored, documented, and reported,	Туре		
		including the reason for initiating the diversion policy (CD $3-6$), and must not exceed 5 percent.	II		

16	III	Appropriate neurosurgical care at Level III trauma centers (CD 8 – 9).	Туре		
			II		
16	III	Availability of the anesthesia service (CD 11 – 4, CD 11 – 7, CD 11 – 16, CD 11 – 18).	Туре		
		 In-house anesthesia service (emergency department, intensive care unit, floor, and post- 	II		
		anesthesia care unit) must be available for the care of trauma patients			
		 Operating room delays involving trauma patients because of lack of anesthesia support services must be identified and reviewed to determine the reason for delay, adverse 			
		outcomes, and opportunities for improvement.			
16	III	Delay in operating room availability (CD 11 – 16, CD 11 – 18) must be routinely monitored. Any	Туре		
		case that is associated with a significant delay or adverse outcome must be reviewed for reason	II		
		for delay and opportunities for improvement.			
16	III	Response times of operating room and post-anesthesia care unit personnel when responding	Туре		
		from outside the trauma center (CD $11 - 16$, CD $11 - 18$, CD $11 - 25$) must be routinely	II		
		monitored.			
16	Ш	Rate of change in interpretation of radiologic studies (CD 11 – 32, CD 11 – 37) should be	Туре		
		categorized by RADPEER or similar criteria (describe process/scoring metric used).	1		
16	Ш	Response times of computed tomography technologist (30 minutes)/magnetic resonance	Туре		
		imaging (60 minutes) technologist/interventional radiology team (30) minutes when responding	1		
		from outside the trauma center (CD 11 – 29, CD 1 – 30, CD 11 – 31, CD 11 – 32, CD 11 – 33, CD 11			
		– 34, CD 11 – 35, CD 11 – 36, CD – 37, and CD 11 – 46).			
16 – 8	Ш	Transfer to a higher level of care within the institution (CD 16 – 8).	Туре		
			II		
16 – 9	Ш	Solid organ donation rate (CD 16 – 9).	Туре		
			II		
16	Ш	Trauma registry (CD 15 – 6). See previous detail.	Туре		
			1		
16	Ш	Multidisciplinary trauma peer review committee attendance. (Level III, CD 5 – 10, CD 6 – 8, CD 7	Туре		
		- 11, CD 9 $-$ 16, CD 11 $-$ 13, CD 11 $-$ 62 $-$ and for Level I and II CD 8 $-$ 13 and CD 11 $-$ 39).	II		

16 – 10	Ш	Sufficient mechanisms must be available to identify events for review by the trauma PIPS	Туре		
		program (CD 16 – 10).	IIB		
16 – 11	III	Once an event is identified, the trauma PIPS program must be able to verify and validate that	Туре		
		event (CD 16 – 11).	IIB		
16 – 12	Ш	There must be a process to address trauma program operational events (CD $16-12$).	Туре		
			IIB		
16 – 13	III	Documentation (minutes) reflects the review of operational events and, when appropriate, the	Type		
		analysis and proposed corrective actions (CD $16-13$).	Ш		
16 – 14	III	Mortality data, adverse events and problem trends, and selected cases involving multiple	Туре		
		specialties must undergo multidisciplinary trauma peer review (CD 16 – 14).	IIB		
16	III	The effort [multidisciplinary peer review] may be accomplished in a variety of formats but must	Type		
		involve the participation and leadership of the trauma medical director (CD 5 $-$ 10); the group of	Ш		
		general surgeons on the call panel; and the liaisons from emergency medicine, orthopedics,			
		neurosurgery, anesthesia, critical care, and radiology (Level III, CD 6 – 8, CD 7 – 11, CD 9 – 16, CD			
		11 – 13, CD 11 – 62).			
16 – 15	Ш	Each member of the committee must attend at least 50 percent of all multidisciplinary trauma	Type		
		peer review committee meetings (CD 16 – 15).	II		
16 – 16	Ш	When these general surgeons cannot attend the multidisciplinary trauma peer review meeting,	Type		
		the trauma medical director must ensure that they receive and acknowledge the receipt of	II		
		critical information generated at the multidisciplinary peer review meeting to close the loop (CD			
		16 – 16).			
16 – 17	Ш	The multidisciplinary trauma peer review committee must systematically review mortalities,	Type		
		significant complications, and process variances associated with unanticipated outcomes and	IIB		
		determine opportunities for improvement (CD $16-17$).			
16 – 18	Ш	When an opportunity for improvement is identified, appropriate corrective actions to mitigate or	Type	Ţ	
		prevent similar future adverse events must be developed, implemented, and clearly documented	IIB		
		by the trauma PIPS program (CD 16 – 18).			

16 – 19	Ш	An effective performance improvement program demonstrates through clear documentation	Type		
		that identified opportunities for improvement lead to specific interventions that result in an	IIB		
		alteration in conditions such that similar adverse events are less likely to occur (CD 16 – 19).			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter :	Chapter 17: Outreach and Education					
17 – 1	III	All verified trauma centers, however, must engage in public and professional education (CD 17 – 1).	Type II			
17 – 4	III	In Level I, II, and III trauma centers, the hospital must provide a mechanism to offer trauma- related education to nurses involved in trauma care (CD 17 – 4).	Type II			
17	III	The successful completion of the ATLS® course, at least once, is required in all levels of trauma centers for all general surgeons (CD $6-9$), emergency medicine physicians (CD $7-14$), and midlevel providers (CD $11-86$) on the trauma team.	Type II			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description	
Chapter 18: P	Chapter 18: Prevention						
18 – 1	III	Trauma centers must have an organized and effective approach to injury prevention and must prioritize those efforts based on local trauma registry and epidemiologic data (CD $18-1$).	Туре II				
18 – 2	III	Each trauma center must have someone in a leadership position that has injury prevention as part of his or her job description (CD $18-2$).	Type II				
18 – 3	III	Universal screening for alcohol use must be performed for all injured patients and must be documented (CD $18-3$).	Type II				

Chapter 19: Trauma Research and Scholarship

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description
Chapter 2	Chapter 20: Disaster Planning and Management					
20 – 1	Ш	Trauma centers must meet the disaster-related requirements of the Joint Commission (CD 20 –	Туре			
		1).	II			
20 – 2	Ш	A surgeon from the trauma panel must be a member of the hospital's disaster committee (CD 20	Туре			
		−2) .	II			
20 – 3	Ш	Hospital drills that test the individual hospital's disaster plan must be conducted at least twice a	Туре			
		year, including actual plan activations that can substitute for drills (CD $20-3$).	II			
20 – 4	Ш	All trauma centers must have a hospital disaster plan described in the hospital's policy and	Туре			
		procedure manual or equivalent (CD $20-4$).	Ш			

Chapter	Level	Criterion: Chapter - Level	Туре	Yes	No	Description	
Chapter 21	Chapter 21: Solid Organ Procurement Activities						
21 – 1	III	The trauma center must have an established relationship with a recognized OPO (CD $21-1$).	Type II				
21 – 2	III	A written policy must be in place for triggering notification of the regional OPO (CD $21-2$).	Type II				
21 (16 – 9)	III	The trauma center must review its solid organ donation rate annually (CD 16 – 9)	Type II				
21 – 3	III	It is essential that each trauma center have written protocols defining the clinical criteria and confirmatory tests for the diagnosis of brain death (CD21 $-$ 3).	Type II				

Chapter 22: Verification, Review, & Consultation Program

Chapter 23: Criteria quick Reference Guide

Strengths:	
-	
Criteria Deficiencies:	
-	
Recommendations:	
-	
Notes/Questions:	
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