

NCRTAC Trauma Coordinator Meeting
September 15, 2022
Aspirus Wausau Hospital & Teleconference

Members present: Gina Brandl, Sara Steen, Nikole Dekan, Jason Keffeler, Dana Klug, Chris Keller, Cathy Connor, Kaci Klemm, Megan Foltman, Jenny Blenker, Andrea Hebert, Dr. Michael Clark, Rachel Symons, Margaret Finco

Recorder: Michael Fraley

Call to order	Meeting was called to order by Brandl.
Introductions	Attendees provided brief introductions of themselves.
Trauma Team Activation Criteria	<p>Discussed TTA criteria including some adding tourniquet use. Discussed elderly fall criteria used by Theda (attached) and the use of a mechanism to fast-track certain patients to CT.</p> <p>Falls identified as a challenge as the same presentation can turn out to be a very bad outcome in one patient while in another it can be no injury.</p> <p>Facilities should monitor undertriage. Highest level cases should never not be activated.</p> <p>Michael will collect TTA from all facilities and prepare a comparison matrix to review for the next meeting.</p>
PI Indicators	<p>Over/under triage is standard.</p> <p>Should have indicators for EMS, ED and inpatient.</p> <p>Discussed examples.</p> <p>Discussed process to identify cases to review.</p>
Next meeting	<p>Following the NCRTAC general meeting December 1, 2022.</p> <p>Review TTA comparison matrix.</p> <p>Review loop closure and documentation of process.</p>

Trauma Center Activation Criteria - 2022

Adult (ages 15-74) Trauma Blue/Tier 1 Criteria	Geriatric (age 75 and up) Additional Criteria for Tier 1 and Tier 2	Pediatric (age 14 and under) Trauma Blue/Tier 1 Criteria	Tier 2 Criteria (partial team activation) All Ages																								
<p>Physiologic Signs</p> <ul style="list-style-type: none"> Glasgow Coma Scale <9 with Traumatic Mechanism (sustained) Systolic Blood Pressure <90 at any time Pulse Rate <50 or >130 (X2) Respiratory Rate <10 or >29 (X2) Trauma Patient with Airway compromise <ul style="list-style-type: none"> Intubated patients from a scene or a transfer from another hospital Hypothermia ≤ 34.0C/93.5F with Traumatic mechanism New onset bilateral paralysis Penetrating injury to the head, neck & torso proximal to the groin and axilla <p>Anatomical Injury</p> <ul style="list-style-type: none"> GSW to neck, chest, or abdomen Transfers from other trauma care facilities that are receiving blood products to maintain vital signs Other Emergency physician's discretion to activate if patient does not meet this criteria 	<p>Criteria for Tier 1/Trauma Blue include all present in the Adult column AND the following criteria:</p> <ul style="list-style-type: none"> Glasgow Coma Scale <12 (X2)- new onset (sustained) Fall Chest Fall > 10 feet 	<p>Physiologic Signs</p> <ul style="list-style-type: none"> Glasgow Coma Scale <9 or deterioration by 2 points (with Traumatic Mechanism) Systolic Blood Pressure <70+2 times the years of age at any time Pulse Rate <50 or >130 (X2) Respiratory Rate <10 or >29 (X2) Trauma Patient with Airway compromise <ul style="list-style-type: none"> Intubated patients from scene or another hospital Hypothermia ≤ 34.0C/93.5F with Traumatic mechanism <p>Anatomical Injury</p> <ul style="list-style-type: none"> GSW to neck, chest, or abdomen, or proximal to elbow or knee Transfers from other trauma facilities that are receiving blood products to maintain vital signs Other Emergency physician's discretion to activate if patient does not meet this criteria <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th colspan="2">SSP- Age x2 + 70</th> </tr> </thead> <tbody> <tr> <td>1 year old</td> <td>72</td> <td>86</td> </tr> <tr> <td>2 years old</td> <td>74</td> <td>88</td> </tr> <tr> <td>3 years old</td> <td>76</td> <td>90</td> </tr> <tr> <td>4 years old</td> <td>78</td> <td>92</td> </tr> <tr> <td>5 years old</td> <td>80</td> <td>94</td> </tr> <tr> <td>6 years old</td> <td>82</td> <td>96</td> </tr> <tr> <td>7 years old</td> <td>84</td> <td>98</td> </tr> </tbody> </table>		SSP- Age x2 + 70		1 year old	72	86	2 years old	74	88	3 years old	76	90	4 years old	78	92	5 years old	80	94	6 years old	82	96	7 years old	84	98	<ul style="list-style-type: none"> Amputation above wrist or ankle Traumatic Asphyxia: crush injury > 20% TBSA burns (2nd and 3rd degree) with Traumatic Mechanism Electrocution with high voltage: > 220 volts or > than household current Identified intra-thoracic or intra-abdominal injury Includes >3 rib fractures, solid organ injury, active bleed on CT, pneumothorax, etc. Emergency Physician's discretion to activate if patient does not meet this criteria <p>Geriatric Consideration for Tier 2 are those listed above plus:</p> <ul style="list-style-type: none"> 3 or more rib fractures <p>The Trauma Surgeon will have 60 minutes to respond to the patient's bedside and will dictate the time called and time responded within their note for PI purposes.</p>
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<p>Inter Hospital Transfers: Transfers meeting Trauma Blue criteria will be called as Trauma Blues. Those meeting Tier 2 will be Tier 2 activations. Deterioration in a patient's condition during transport mandates a Tier 1/Trauma Blue activation. All recently injured Trauma patients must enter through the Emergency Department for evaluation prior to admission.</p> <p>If patient admitted (with injuries) to another service, Consult to General/Trauma for Tertiary exam when any of the following conditions are met:</p> <ul style="list-style-type: none"> Fall from greater than standing height with recent anticoagulation/antiplatelet Pedestrian/Bicyclist vs. Motor vehicle All pregnant trauma patients > 12 weeks Two or more proximal long bone fractures Motorcycle crash >20 mph or w/ separation from vehicle Injured patient that requires more than one sub-specialist Emergency Physician Discretion 																											
<p>Responding Team Members: Emergency Department Physician Trauma Surgeon (Tier 1 = 15 minutes, Tier 2 = 60 minutes) ED Primary RN/Nurse Recorder ED Procedure Person- may be an RN or ED Paramedic ED Medication/Fluids Nurse Respiratory Therapist Radiology Technologist Phlebotomist Social Services staff member or hospital chaplain CT Scan Technician – CT Table on Hold for Tier 1, On standby for Tier 2 Surgery Team (1 RN, 1 OR Tech) - Respond for Tier 1, On standby for Tier 2 Pharmacist - Respond for Tier 1, On standby for Tier 2</p>																											