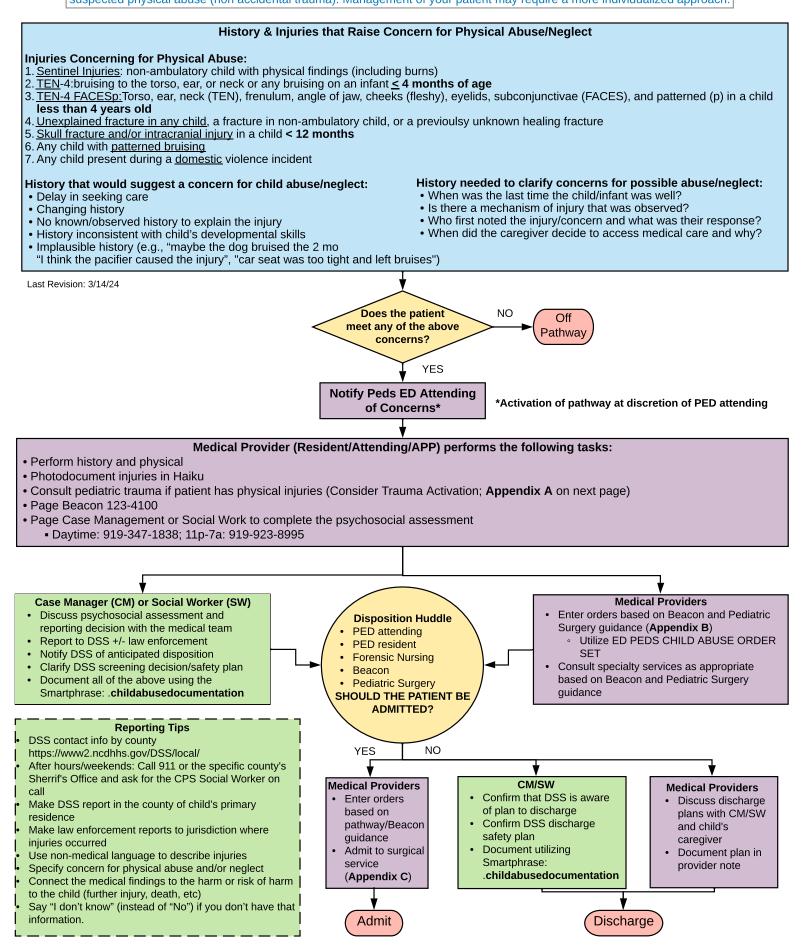


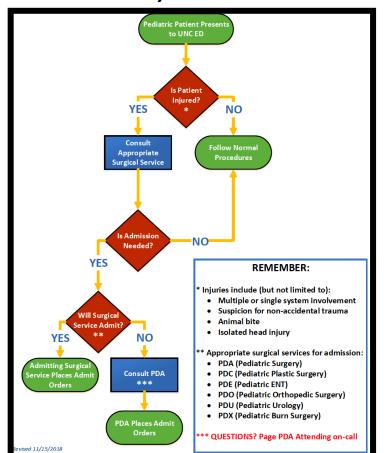
Evaluation Pathway for Children with Suspected Physical Abuse/Neglect in the Pediatric Emergency Department



The following information is intended as a guildeline for the acute management of children with suspected physical abuse (non accidental trauma). Management of your patient may require a more individualized approach.



Appendix A. Pediatric Trauma Criteria V.20220520 Appendix B. Physical Abuse Workup Considerations		
PEDIATRIC RED TRAUMA (AGES 0 - 15) I AIRWAY SP AIRWAY SP Intubation prior to arrival (scene & interfacility transfer) SP Need for emergent airway SP BREATHING SP Respiratory compromise/distress/failure SP CIRCULATION SP Age-specific hypotension at ANY TIME: SP > AGE 0 - 10: SBP < 70 mmHg + (2 x age in years) SP Penetrating injuries (including GSW and stabbing) to the head, neck, chest, abdomen, pelvis, or proximal to knee SP PGCS 49 or deteriorating by 2 with traumatic MOI SP Intracranial hemorrhage with midline shift Suspected spinal cord injury with neuro deficits or limb paralysis SP Neurovascular compromise/tourniquet of any extremity SP SP Drowning or hanging Multiple injuries but does not meeting RED/YELLOW criteria SP Suspected NAT requiring admission SP SP Multiple injuries but does not meeting RED/YELLOW criteria SP Suspected NAT requiring admission SP Suspected NAT requiring admission SP Suspected NAT requiring admission with injuries SP Suspected NAT	Imaging Considerations	 Workup Considerations Neuroimaging (non-contrast head CT or non-contrast rapid MRI see Appendix D) to rule out intracranial injury, particularly if <12 mo with neck, face, ear, or scalp injuries; vomiting or altered mental status Abd/Pelvis CT with IV contrast if sx/signs of abdominal trauma or AST or ALT >80 or high clinical suspicion Skeletal survey if <2 yo and suspicious fractures, bruises, or other injuries (not available on nights/weekends unless Peds Radiology Attending in house)
PEDIATRIC YELLOW TRAUMA (AGES 0 - 15) SPECIFIC TRAUMATIC INJURIES GCS 9 - 13 and stable/improving with traumatic MOI Open or depressed skull fracture Significant, blunt maxillofacial trauma Intracranial hemorrhage not meeting RED criteria Focal neck or spinal pain with significant MOI Physic fractures Confirmed solid or hollow organ injuries Confirmed solid or hollow organ injuries Pelvic fracture Confirmed solid or hollow organ injuries Confirmed solid or hollow organ injuries Confirmed solid or hollow organ injuries Pelvic fractures Confirmed solid or hollow organ injuries Pelvic fractures Any open long bone fracture (femur or humerus) Any or motorbike ejected MIC with patient ejecte	General Physical Abuse Labs	 Urine tox (may be bag urine, please obtain ASAP prior to pain medication/sedation if possible) UA (non cath) for occult abdominal trauma AST/ALT
UMA (AGES 0 - 15) p with traumatic MOI re trauma ignificant MOI ignificant MOI ignificant MOI ignificant MOI ignificant MOI frauma not meeting trauma not meeting IURY JRGEON DISCRETION	+Bruising/Bleeding/ Neurological sx Labs	 CBC Coags (PT/PTT/INR) VWF activity, VWF antigen Factor VIII level, Factor IX level Subdurals add: D-dimer, Fibrinogen
Appendix C. How to Admit an Injured Pediatric Patient	+Fracture Labs	 25-OH Vitamin D PTH Calcium, magnesium, phosphorous, alkaline phosphatase



Appendix D. Imaging of Mild Head Injury

CT imaging of mild head injury should be considered when intracranial injury is suspected and:

- a. Hemodynamic instability
- b. Patient is going to the OR emergently for any reason c. High suspicion of a mass lesion (i.e. blown pupil or
- lateralizing exam)

d. Palpable deformities of the scalp or skull are present or there is an open laceration/fracture

e. Practitioner's discretion on level of suspicion of intracranial injury and urgency of intervention or patient stability

Trauma Rapid MRI (multiple plane T2 + SWI) of hemodynamically stable mild head injury patients with supplemental multiple view XR for skull fracture evaluation should be considered when intracranial injury is suspected and:

- a. Consciousness is normal to mildly depressed
- b. Patient is hemodynamically stable
- c. Patient is not likely to proceed emergently to the OR
- d. Mechanism is suggestive of potential for intracranial injury such as high velocity or significant fall
- e. Clinical findings such as neurological deficit or scalp/skull deformity are present in the absence of a correlative history to suggest a traumatic mechanism.

f. Practitioner's discretion on level of suspicion of intracranial injury and appropriateness of Rapid MRI