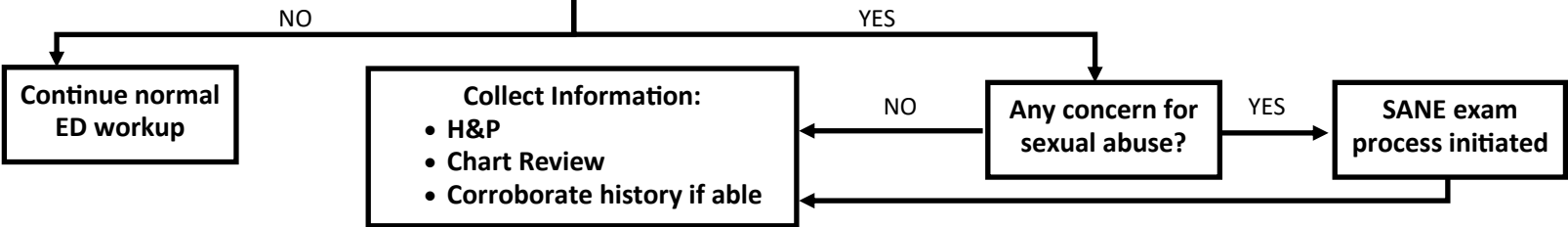


Non-Accidental Trauma (NAT) Guideline

Any of the following concerns for potential non-accidental trauma?

- Delay in seeking care
- Any injury inconsistent with development stage
- Unwitnessed Injury
- Low birth weight/IUGR
- Prior ED Visit
- Injury inconsistent with presenting story
- Domestic violence in home
- Chronic medical conditions
- Provider concerns
- Changing history or no history
- Premature infant (<37 weeks)
- **See TEN-4-Facesp on next page

Physician clinical judgement supersedes this guideline



ALL patients ≤ 2 years old should get a full skeletal survey
Patients should be admitted unless cleared by CPS
Strongly consider Ophthalmology consult for patients ≤ 1year

Bruise, Hematoma, and/or suspicious skin marks

- LABS:
• CBC w/ diff
• PT/PTT/INR
• vWF antigen
• Consider Hematology c/s
• Consider Dermatology c/s

Fracture

- LABS:
• Ca/Mg/Phos
• Alk phos, Vit D, PTH

Differential:
Osteogenesis Imperfecta

Burn/bite

Only in cases of severe tissue injury: CPK, aldolase, myoglobin

Suspected chest/abdominal trauma

- LABS:
• AST/ALT, Lipase
• UA, Consider Troponin
IMAGING:
• CT Abdomen/Pelvis

Suspected head/neck trauma

CT vs MRI based on stability

Consider CT C-spine and/or spinal MRI if strong suspicion for abusive head trauma

If (+) intracranial injury:
CBC, Coags
Consult Neurosurgery

Drug/Tox screen for any AMS

Additional Age-Based Work-up				
AGE	Skeletal Survey	Ophthalmology Exam	Head Imaging (MRI or CT)	AST/ALT/Lipase/UA
<= 6 mo	x	x	x	x
6mo—1yr	x	Consider	Consider (especially if head circumference >95% or significant change, or other neurologic signs)	x
1 yr - 2 yr	x			x

**See next page for admit/discharge considerations

Non-Accidental Trauma (NAT) Guideline

ADMIT PATIENT IF:

- Suspect abuse in pt ≤ 1 year old
- Injury warranting admission
- CPS unable to provide safe DC plan

PATIENT OK FOR DISCHARGE IF:

- No injury requiring admission identified
- CPS guided Safety Plan in place
- Follow-up with PCP should be scheduled

TEN-4-FACES^p

Bruising Clinical Decision Rule for Children < 4 Years of Age

When is bruising concerning for abuse in children < 4 years of age?
 If bruising in any of the three components (Regions, Infants, Patterns) is present without a reasonable explanation, strongly consider evaluating for child abuse and/or consulting with an expert in child abuse.

<p>TEN</p> <p>Torso Ears Neck</p>  <p>FACES</p> <p>Frenulum Angle of Jaw Cheeks (fleshy part) Eyelids Subconjunctivae</p> <p>REGIONS</p>	<p>4 months and younger</p>  <p>Any bruise, anywhere</p> <p>INFANTS</p>	<p>Patterned bruising</p>  <p>Bruises in specific patterns like slap, grab or loop marks</p> <p>PATTERNS</p>
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