Recognizing Child Abuse

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Produced by the Alabama Department of Public Health Video Communications and Distance Learning Division

Faculty

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Speaker Disclosures

- · The speaker did provide disclosures
- The speaker does not intend to discuss an unapproved / investigative ("off-label") use of a commercial product / device
- The speaker has no significant financial relationship(s)

Warning

This presentation contains pictures of babies and children who exhibit graphic examples of abuse including: bruises, fractures, and burns.

Statistics

- A report of child abuse is made every ten seconds
- Almost five children die everyday as a result of child abuse
 - -> 75% are under the age of 4
- Between 60-85% of child fatalities due to abuse are not recorded as such on death certificates

Statistics

- 90% of child sexual abuse victims know the perpetrator in some way;
 68% are family members
- Child abuse occurs at every socioeconomic level, across ethnic and cultural lines, within all religions and at all levels of education

Professionals Required to Report Citation: Ala. Code § 26-14-3

- The following persons are required to report:
 - -Doctors, medical examiners, dentists, nurses, or pharmacists
 - -School teachers or officials
 - -Law enforcement officials

Professionals Required to Report Citation: Ala. Code § 26-14-3

- -Daycare workers or social workers
- -Members of the clergy
- Any other person called upon to render aid or medical assistance to a child



Caretakers at Risk

- History of child abuse / neglect as a child
- Lack of social supports / social isolation
- · Poor impulse control
- Unrealistic developmental expectations of the child
- · Adolescent or young parent

Caretakers at Risk

- Mental illness / depression / developmental delay
- Substance abuse
- · Domestic violence
- Poverty
- Unemployment
- · Low education

Caretakers at Risk

- Single-parent home with mother head of household
- Previous involvement with child protective services
- Role reversal in the parent-child relationship
 - Gail Hornor, MS, RNC, CPNP. <u>Physical Abuse: Recognition and Reporting.</u>
 J Pediatr Health Care. (2005). 19, 4-11.

Children at Risk

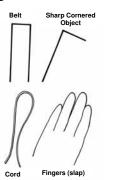
- Age (infants and preschoolers are at increased risk)
- Prematurity
- · Developmental delay / disability
- Congenital anomalies or other medical condition
- · Behavior problems
- · Placement in foster care

Red Flags

- · No history given for the injury
- Inconsistent / conflicting history given by caretakers
- History / injury is inconsistent with the developmental level of the child
- History is inconsistent with the injury
- · Delay in seeking medical care
- · Doctor shopping

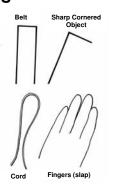
Bruises

- · Most common injury
- Data suggestive of abuse
 - -Patterned bruises
 - -Location
 - Inconsistent history for exam
 - -Evolving history



Bruises

- Accurate dating of bruises is NOT possible
 - -Color is variable
 - Healing variable based on location
 - Appearance may depend on depth



Accident vs. Abuse

- Location
 - Non ambulatory children rarely bruise accidentally
 - Normal bruises tend to occur on bony prominences



Accident vs. Abuse

- -< 1% bruises to chin, ears, or neck
- -< 2% bruises to thorax and abdomen
- Pattern



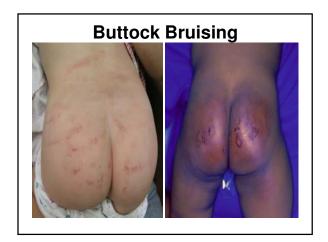
Worrisome Bruise Locations

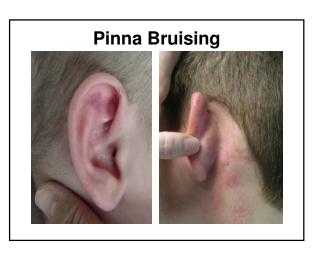
- Back
- Buttocks
- Genitalia
- Ears
- Neck
- Axilla





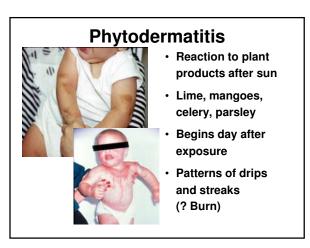




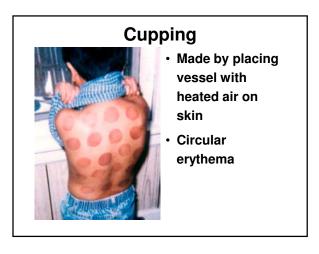


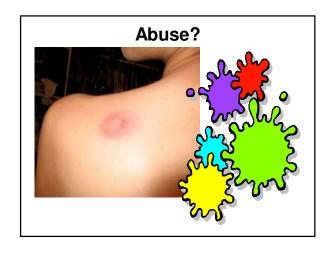












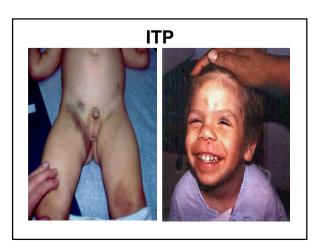






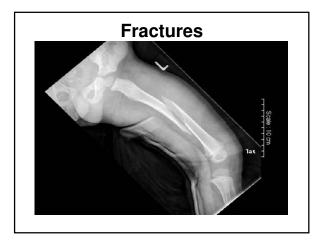


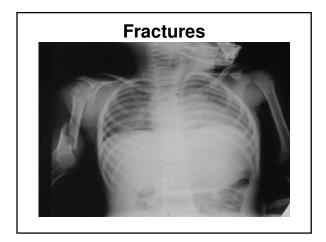


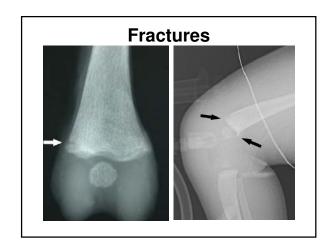


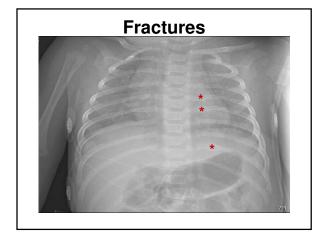
Fractures More Likely to be Abusive

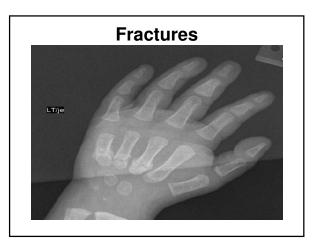
- Multiple fractures
- Combination of old / new fractures
- Delayed presentation
- Implausible mechanism
- Discrepant history
- Fractures with higher specificity for abuse







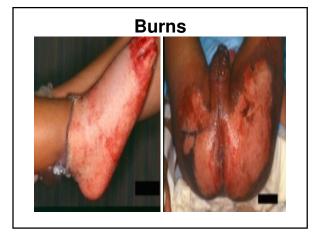




Burns

- 5-30% are inflicted
- Concerning patterns include:
 - -Sparing of creases
 - -Sparing of points of pressure
 - -Stocking / glove distribution
 - -More than 2 sites of involvement
- Kids burn in 1/4 to 1/2 the time as adults



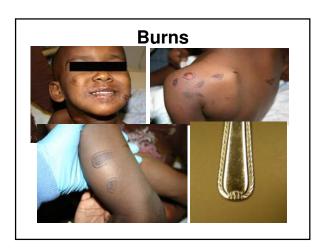


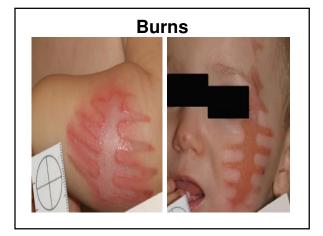
Burn Patterns

- Look for spills and splashes
- Findings consistent with gravity
- Sharp lines of demarcation are a warning sign



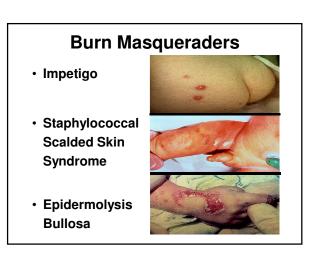






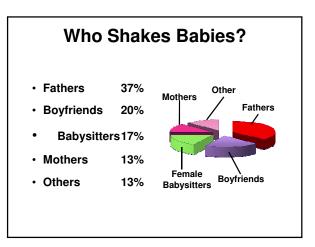






Victims of Abusive Head Trauma

- Age range: 2 weeks to several years
- Average age: 6.6 months
- · Slight predominance of male victims
- Death rates equal for males and females

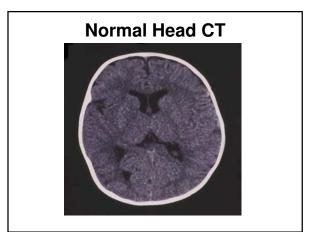


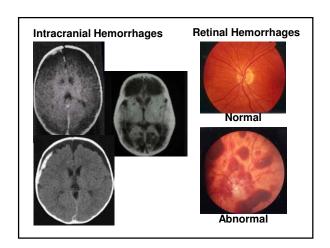
Presenting Symptoms

- Acute findings
- Subtle findings
- -Seizures
- Irritability
- -Lethargy
- Vomiting
- -Apnea
- Poor feeding
- -DOA
- Apnea

Findings

- · Intracranial hemorrhage
 - -Subarachnoid hemorrhage
 - -Subdural hemorrhage
 - Acute
 - Chronic
 - Mixed
 - Epidural hemorrhage
- · Retinal hemorrhages





Abusive Head Trauma Is Diagnosed Based on a Constellation of History, Signs, and Symptoms

Roles of the Medical Provider

- Medical provider roles:
 - Detailed documentation of history and exam
 - Look for medical conditions and complications
 - -Treat conditions present
- DHR and / or law enforcement investigate circumstances

Interactions with the Family

- Many families feel personally accused when subject of abuse is broached
- Non-judgmental approach to family often eases medical interaction
- Hiding medical studies and procedures frequently causes mistrust

Take Home Points

- Be suspicious
- Think twice when it just doesn't fit
- If you don't cruise, you shouldn't bruise
- It's normal to be normal

Contact Information

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