



# Recognition of Child Abuse: Overview Review Current Child Abuse Statistics Review Abuse Reporting Laws Accidental Versus Inflicted Bruising Patterns Differences in Inflicted Versus Accidental Burns Commonly Seen Fractures in Abuse Manifestations of Abusive Head Trauma

## Recognition of Child Abuse: Learning Objective

- Understand how frequently abuse occurs
- Know child abuse reporting laws
- Be able to identify bruising patterns associated with child abuse
- Recognize burn patterns associated with abuse
- · Identify fractures that are commonly associated with abuse
- Recognize presentation and manifestations of abusive head trauma



## Recognition of Child Abuse: Texas Definitions

- Sec. 261.001. DEFINITIONS. In this chapter:
- (1) "Abuse" includes the following acts or omissions by a person:
- (C) physical injury that results in <u>substantial harm</u> to the child, or the genuine threat of substantial harm from physical injury to the child, <u>including an injury that is at variance with the history or explanation</u> given and excluding an accident or reasonable discipline by a parent, guardian, or managing or possessory conservator that does not expose the child to a substantial risk of harm;
- (D) failure to make a reasonable effort

  to prevent an action by another person
  that results in physical injury that results

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  in substantial harm to the child;

## Recognition of Child Abuse: Texas Definitions

- Sec. 261.001 (4) "Neglect": (A) includes:
- (i) the <u>leaving of a child</u> in a situation where the child would be <u>exposed to a substantial risk</u> of physical or mental harm, without arranging for necessary care for the child, and the demonstration of an intent not to return by a parent, guardian, or managing or possessory conservator of the child;
- (ii) the following acts or omissions by a person:
- (a) placing a child in or failing to remove a child from a situation that a reasonable person would realize requires judgment or actions beyond the child's level of maturity, physical condition, or mental abilities and that results in bodily injury or a substantial risk of immediate harm to the child;

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## Recognition of Child Abuse: Texas Definitions

- Sec. 261.001 (4) "Neglect": (A) includes:
- (b) <u>failing to seek, obtain, or follow through with medical</u> <u>care for a child</u>, with the failure resulting in or presenting a substantial risk of death, disfigurement, or bodily injury or with the failure resulting in an observable and material impairment to the growth, development, or functioning of the child;
- (c) the failure to provide a child with food, clothing, or shelter necessary to sustain the life or health of the child, excluding failure caused primarily by financial inability unless relief services had been offered and refused;

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## Recognition of Child Abuse: New Mexico Definitions

32A-4-2. Definitions.

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- E. "neglected child" means a child:
- (1) who has been abandoned by the child's parent, guardian or custodian;
- (2) who is <u>without proper parental care and control or</u> <u>subsistence</u>, <u>education</u>, <u>medical or other care or control</u> <u>necessary for the child's well-being</u> because of the faults or habits of the child's parent, guardian or custodian or the failure or refusal of the parent, guardian or custodian, when able to do so, to provide them;
- (3) who has been physically or sexually abused, when the child's parent, guardian or custodian knew or should have known of the abuse and failed to take reasonable steps to protect the child from further harm; Texas Tech Physician

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## Recognition of Child Abuse: New Mexico Definitions

- 32A-4-2. Definitions.
- F. "physical abuse" includes but is not limited to any case in which the child exhibits evidence of skin bruising, bleeding, malnutrition, failure to thrive, burns, fracture of any bone, subdural hematoma, soft tissue swelling or death and:
- (1) there is **not a justifiable explanation for the condition** or death;
- (2) the <u>explanation given for the condition is at variance</u> with the degree or nature of the condition;

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# Recognition of Child Abuse: The Numbers

## **Confirmed Annual Victims of Abuse**

### **National**

659,243 to 683,221 Children

Rate: 8.9-9.2 per 1,000

### **New Mexico**

7,526-8,577 Children

Rate: 15.2-17.6 per 1,000

## **Texas**

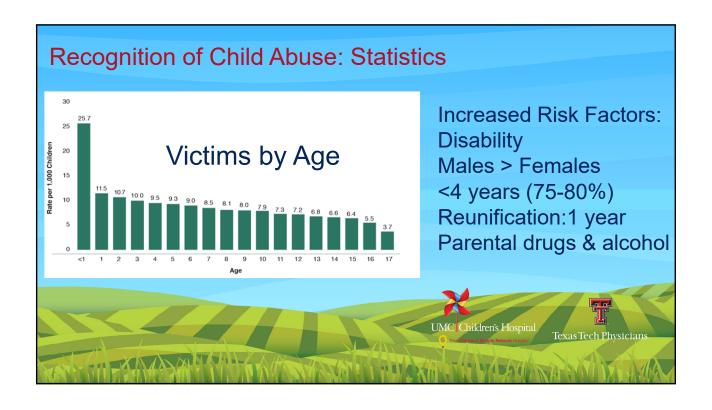
57,374 to 64,093 Children Rate: 7.8-8.8 per 1,000

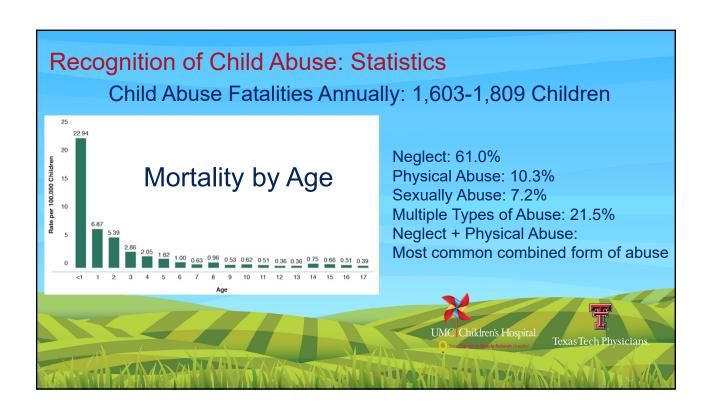
## **Lubbock County**

~14 Victims per 1,000











# Recognition of Child Abuse: Texas Reporting Laws • Mandatory reporters, Texas Law 261.101. (b) If a professional has cause to believe that a child has been abused or neglected or may be abused or neglected, or that a child is a victim of an offense ....the professional shall make a report not later than the 48th hour after the hour the professional first suspects that the child has been or may be abused or neglected or is a victim of an offense A professional may not delegate to or rely on another person to make the report. "professional": includes teachers, nurses, doctors, day-care employees, employees of a clinic or health care facility that provides reproductive services, juvenile probation officers, and juvenile detention or correctional officers. UMC Children's Hospital Texas Tech Physicians

## Recognition of Child Abuse: Texas Reporting Laws

Mandatory reporters, Texas Law 261.103
 In this subsection, "professional" means an individual who is licensed or certified by the state or who is an employee of a facility licensed, certified, or operated by the state, and who, in the normal course of official duties for which a license or certification is required, has direct contact with children. The term includes teachers, nurses, doctors, and day-care employees.

(Ed. Note: A recent legal opinion includes EMS in this list.)

https://www.dshs.texas.gov/emstraumasystems/MA09REPO.pdf

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## Recognition of Child Abuse: Texas Reporting Laws

**Myth**: If one of the responding crew reports the suspicion of abuse, neglect or exploitation, that report covers everyone.

**Fact**: False. State law requires a report from anyone who has encountered the victim of abuse, neglect or exploitation. (Yes, this does mean that multiple reports will be made.)

https://www.dshs.texas.gov/emstraumasystems/MA09REPO.pdf

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## Recognition of Child Abuse: Family Interactions

- Watch the interaction between the caretakers and victim Child fearful, distant, annoyed, or disinterested
- Interaction between caretaker and providers
   Hostile, vague, intoxicated, under the influence of drugs
   Not forth coming with history
- Interaction between caretaker and other family members
   Not allowing them to talk
   Are they trying to get your attention?

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# Recognition of Child Abuse: Obtaining History

- · Be non-confrontational, non-judgmental
- Get the facts
- · Identify the historian
- · Focused history of events
- Record the hx. in their words "using quotes"
- Perpetrator may be the historian, or historian may be a non-offending parent or guardian

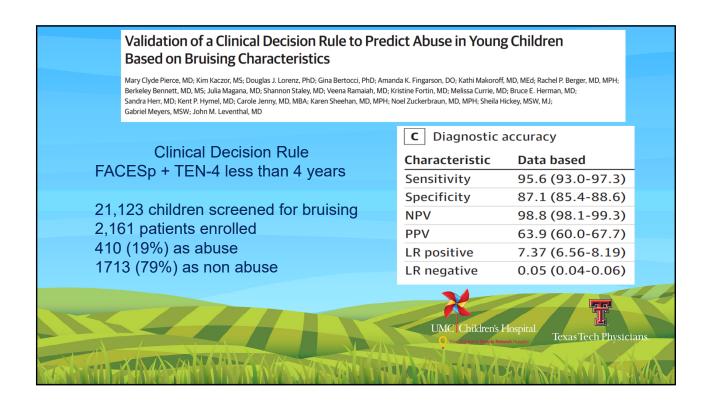


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## Recognition of Child Abuse: "TEN-4" Rule

- Used to help differentiate between bruises caused by accidental and inflicted injuries
- The TEN-4 regions:
- Torso, Ears, and Neck in children < 4 years</li>
- Bruising to these areas and ANY bruising to a child less than 4 months are high probability for abuse













## Recognition of Child Abuse: Burns

- 10 to 20% of burns are the result of abuse or neglect
- Scalding water is the most common agent
- Highest risk are children under the age of 2
- Abusive

Higher morbidity & mortality than accidental burn injuries

Larger surface area burns

Deeper burns, deep partial & full thickness

Uniform degree of depth





## Recognition of Child Abuse: Stocking Glove Burns

- Hand or foot is held in scalding water
- · Clear line of demarcation between burned and unburned skin
- Full thickness burn or deep partial thickness



- Even depth of burn throughout
- No splash marks elsewhere





# Recognition of Child Abuse: Immersion Burns

- Cradled in the perpetrator's arms & immersed into scalding water
- Perineum, buttocks, upper thighs are burned with sparing of the popliteal fossa



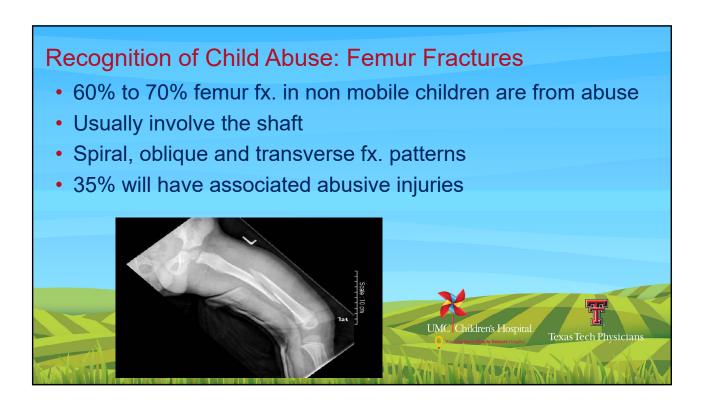
- Circumferential burns of the feet, ankles and lower legs
- No splash marks with clear marks of demarcation



## Recognition of Child Abuse: Fractures

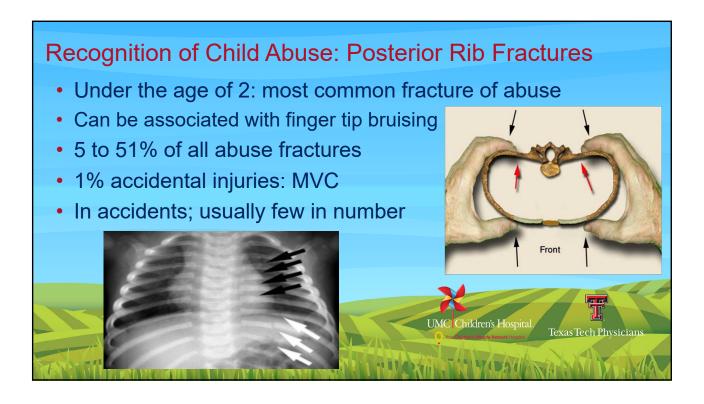
- 11% to 55% of fractures are the result of abuse
- 55% to 70% of all abusive fractures occur in children under the age of 1 year
- Any fractures can be the result of abuse
- The majority are not accompanied by bruising at the site of injury
- History is the answer; the mechanism is key.

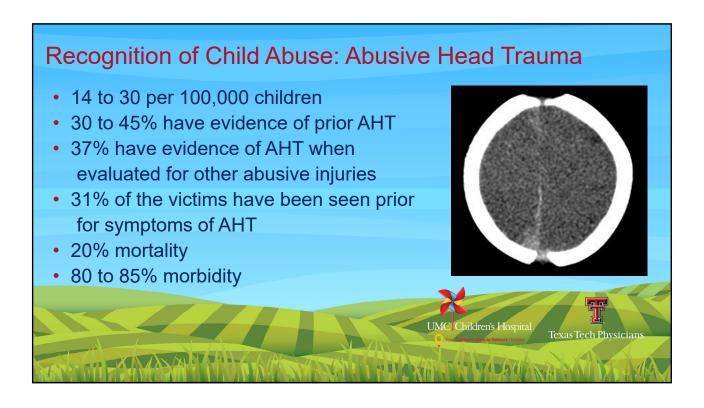


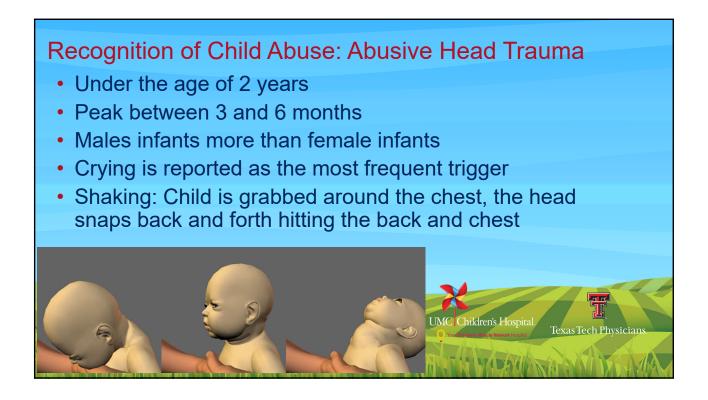






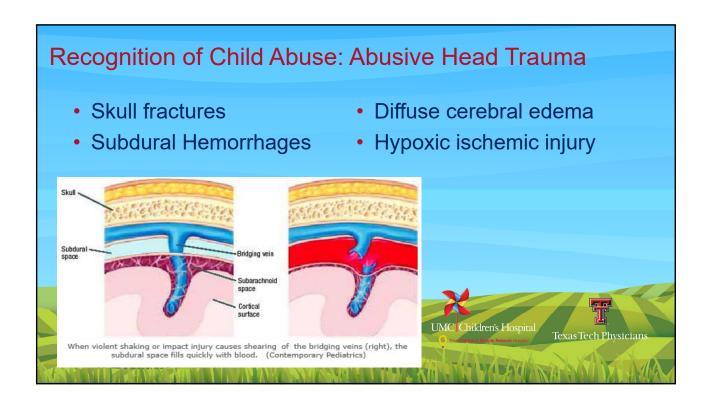


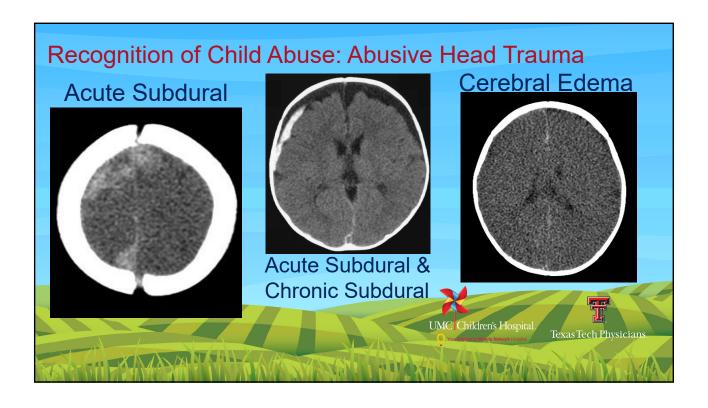












# Recognition of Child Abuse: Laboratory Studies CBCd PT/PTT CMP (Liver Enzymes and Alkaline phosphatase) Amylase/Lipase Phosphorus Urine Analysis

