

Skeletal HW #3

VOCABULARY: Define vocabulary below on this homework handout page.

Osteoblastoma:

Fontanel:

Whiplash:

Suture:

Scoliosis:

Bursitis:

QUESTIONS: Answer the questions IN COMPLETE SENTENCES on the actual ISN page.

1. Bone X-rays are sometimes used to determine if a person has reached his or her final height. What are the clinicians checking out?
2. A 75-year old woman and her 5 year old granddaughter were in train crash in which both sustained trauma to the chest while seated next to each other. X-rays showed that the grandma had several fractured ribs, while her granddaughter had none. Explain these surprisingly different findings.
3. Heather is anxiously awaiting the birth of her first child. As she gets closer to term, her OB doctor orders an ultrasound. After seeing the results, he makes some calculations and informs Heather that she will most likely need to schedule a Cesarean section. Why can't Heather deliver the baby by natural childbirth (vaginally)? Be specific and give a detailed answer.
4. Jane, an active, 52-year old, menopausal woman is frustrated because her doctor cautioned her about her loss of bone density. She runs 3 times a week, plays in a coed soccer league, and eats a healthy, balanced diet. Describe the factors that might be affecting Jane's bone density and then propose a treatment plan to remedy her condition.