

During a football match, a player sustained a knee injury. The X-ray film clearly shows a fracture of the bone lying within the tendon of the quadriceps femoris muscle. To which of the following groups of bones does this bone belong?

Flat

Airy

Sesamoid

Mixed

Tubular

A patient has a foreign body in the esophagus diagnosed fluoroscopy at the level of the 4th thoracic vertebra. In which esophageal stricture did the foreign body lodge?

Aortic

Diaphragmatic

Pharyngeal

Abdominal

Bifurcation

During the X-ray examination of the patient, a darkening was found in the area of the dura sinus, which runs from the cock's crest of the ethmoid bone to the internal occipital protuberance of the occipital bone. In which sinus were pathological changes found?

Sinus sagittalis inferior

Sinus rectus

Sinus transversus

Sinus sagittalis superior

Sinus sigmoideus

During the X-ray examination, a fracture of the base of the skull was found. The fracture line passes through the spinous and round foramina. Which bone was damaged as a result of the injury?

Sphenoid

Temporal

Ethmoid

Frontal

Occipital

The patient has a hip joint injury. X-ray clearly shows intra-articular hemorrhage. Which ligament is torn?

Lig. capitis femoris

Lig. iliofemorale

Lig. transversum acetabuli

Lig. ischiofemorale

Zona orbicularis

In a 13-year-old teenager, during an X-ray examination of the hip joint, a 3 mm wide light zone was detected between the head and diaphysis of the femur. How should this situation be interpreted?

As a fracture of the femoral neck

As a norm (incomplete ossification process)

As a dislocation of the femoral head

As a fracture of the femoral neck

As an artifact on the X-ray film

The pelvic radiograph shows all three parts of the pelvic bone, separated by wide gaps that correspond to the cartilage that is invisible on the radiographs. What is the subject's age?

Up to 16 years

Up to 36 years

Up to 46 years

Up to 50 years

Up to 40 years

A patient has a foreign body in the esophagus diagnosed fluoroscopy at the level of the 4th thoracic vertebra. In which esophageal stricture is the foreign body lodged?

Bifurcation

Aortic

Diaphragmatic

Pharyngeal

Abdominal

During a football match, a player has sustained a knee injury. The X-ray film shows a fracture of the bone lying within the tendon of the quadriceps muscle. To which of the following groups of bones does this bone belong?

Flat

Tubular

Mixed

Sesamoid

Air-bearing