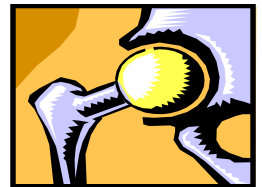




Orthopaedic Word Find



ANSWER THE FOLLOWING QUESTIONS RELATING TO ORTHOPAEDICS
THEN FIND THE ANSWERS IN THE WORD FIND



1. What is the name of syndrome that can develop following a complicated Smiths fracture, in which the patient presents with symptoms such as swelling, numbness and tingling in the 1st, 2nd and 3rd digits and increased hair growth on the knuckles? **REFLEX SYMPATHETIC DYSTROPHY**
2. What sign in the elbow arouses suspicion of fracture or joint capsule damage? **SAIL SIGN**
3. The **MOORES PROSTHESIS** is commonly used in the orthopaedic treatment of sub-capital neck of femur fractures. This is to prevent **AVASCULAR NECROSIS** of the femoral head due to damage of the **INTRAOSSEOUS CERVICAL** vessels.
4. Damage to the **ULNAR COLLATERAL LIGAMENT** is commonly referred to as 'Game Keepers Thumb' or "Skiers Thumb". This injury results in generalised pain and swelling surrounding the base of the thumb and difficulty in gripping objects.
5. The **CARRYING** angle of the human arm allows the arms to move freely past the hips when carrying heavy shopping bags.
6. Excision of the radial head following a complicated fracture is no longer commonly practiced as it leaves the elbow at risk of recurrent dislocation of the humerus in which direction? **ANTERIOR**
7. This artery supplies the majority of the blood to the scaphoid. **RADIAL ARTERY**
8. An avulsion fracture at the base of the 5th metatarsal is a common injury following forced **INVERSION** of the foot and ankle.
9. Tears of the **ANTERIOR CURCIATE** ligament are most commonly a result of rapid deceleration combined with a sudden sharp change of direction. Women are more prone to such injuries, reasons for this include; differences in ligament size and strength, general muscular strength, differences in reaction time of muscle contraction and coordination. There have also been studies that suggest that hormone-induced changes in muscle tension associated with the menstrual cycles may also be an important factor.
10. Human bone is dynamic tissue. **OSTEOBLASTS** are mononucleate cells that are responsible for bone **FORMATION**. **OSTEOCLASTS** which are responsible for bone reabsorption are formed by the fusion of cells from the **MONOCYTE** - macrophage cell line.
11. What is the major chemical component of most bone substitute materials that stimulates bone growth? **CALCIUM PHOSPHATE**
12. What are the names of the bones of the human midfoot? **TARSAL BONES, CUBOID, NAVICULAR** and the medial, intermediate and lateral **CUNIFORMS BONES**.
13. How many bones make up the human wrist? **EIGHT**