

Orthopedic surgery mini-osce

group 4

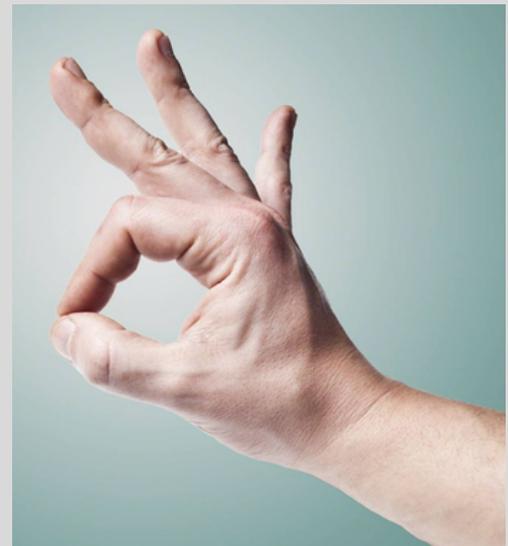
Q1: what is the pathology seen in this picture?

- 1- SCFE
- 2- Perthes disease
- 3- Vitamin D3 deficiency



Q2: Which nerve is assessed by this test?

- 1- Median nerve
- 2- Ulnar nerve
- 3- Anterior interosseous nerve
- 4- Posterior interosseous nerve



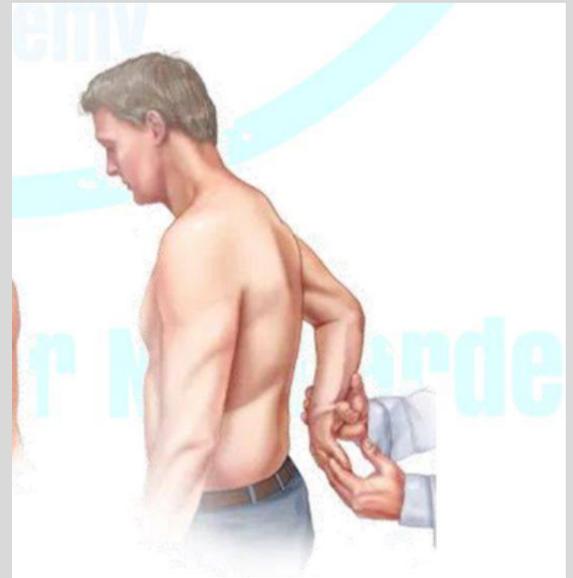
Q3: What is the deformity in this picture called?

- 1- Swan neck
- 2- Boutonniere



Q4: One is false regarding this test?

- 1-Assess upper subscapular nerve
- 2-Assess suprascapular nerve
- 3- Assess lower subscapular



Q5: Child presented to the ER with his parents, feverish, WBCs 12000, ESR 80, what will you do?

- 1- Hip arthrotomy and washout
- 2- Administer antibiotics



Q6: Where is the lesion in this picture?

- 1- Syndesmosis
- 2-Anterior talofibular ligament
- 3- Posterior talofibular ligament
- 4-Anterior tibiofibular ligament



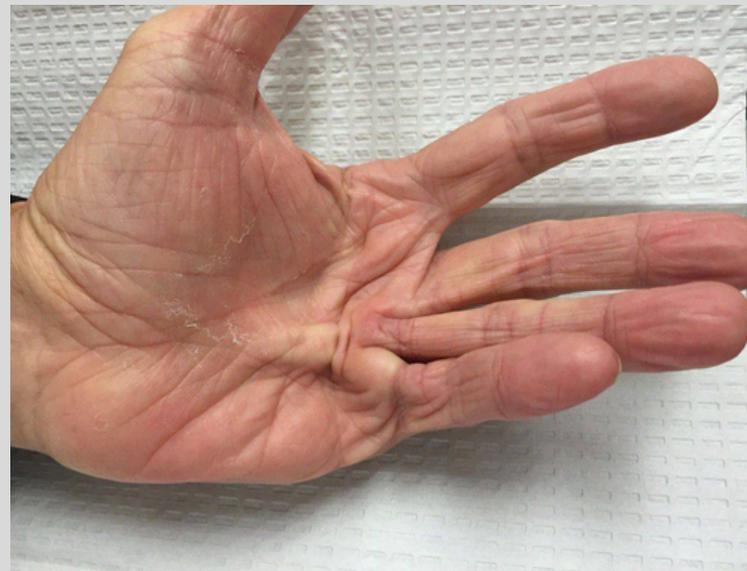
Q7: Which type of salter harris is this?

- 1- Type 1
- 2- Type 3
- 3- Type 2
- 4- **Type 4**



Q8: This deformity is caused by:

- 1- **Myofibroblasts**
- 2- Collagen



Q9: What is the pathology seen in the picture?

- 1- Compression fracture
- 2- **Burst fracture**
- 3- Spondylolysis



Q10: What is the mechanism of injury here?

- 1- Lateral compression
- 2- Anteroposterior compression
- 3- **Vertical shear**



Q11: What is the most sensitive test for this patient?

- 1- Lachman test
- 2- Anterior drawer test
- 3- **Tibial tuberosity tenderness**
- 4- Posterior drawer test



Q12: A 75 year old with right hip fracture, what's your management?

- 1- **Total hip replacement**
- 2- Reduction and casting

Q13: What is your management for this patient?

- 1- Casting only
- 2- Closed reduction with long cast
- 3- Open reduction with short cast



Q14: One is not associated with achilles tendon tear?

- 1-Positive squeeze test
- 2- Plantar flexion is weak
- 3- Dorsiflexion is weak and inhibited



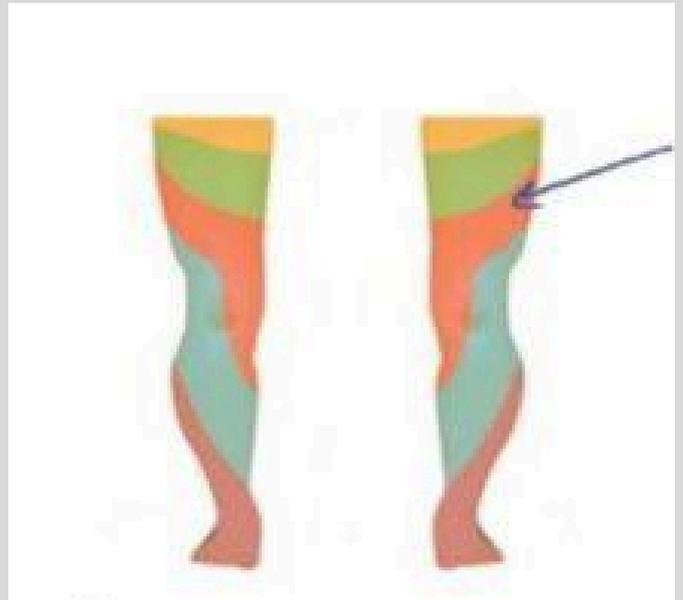
Q15: One of the following is in favor of neurological claudication rather than vascular claudication?

- 1- Downhill more painful
- (the rest were features of vascular)



Q16: One of the following jerks is related to an injury to the dermatome indicated by the arrow?

- 1- Ankle jerk
- 2- Knee jerk



Q17: Which tumor has the characteristic onion skin appearance?

- 1- Ewing's sarcoma
- 2- Chondroblastoma
- 3- Osteosarcoma



Q18: Regarding this picture one is false?

1- Treatment is hip spica and screws not reaching the physis

2- Can be pathological

3- Better prognosis than femur head fractures

(I forgot the exact question, but it had the same idea)



Q19: One of the following is true?

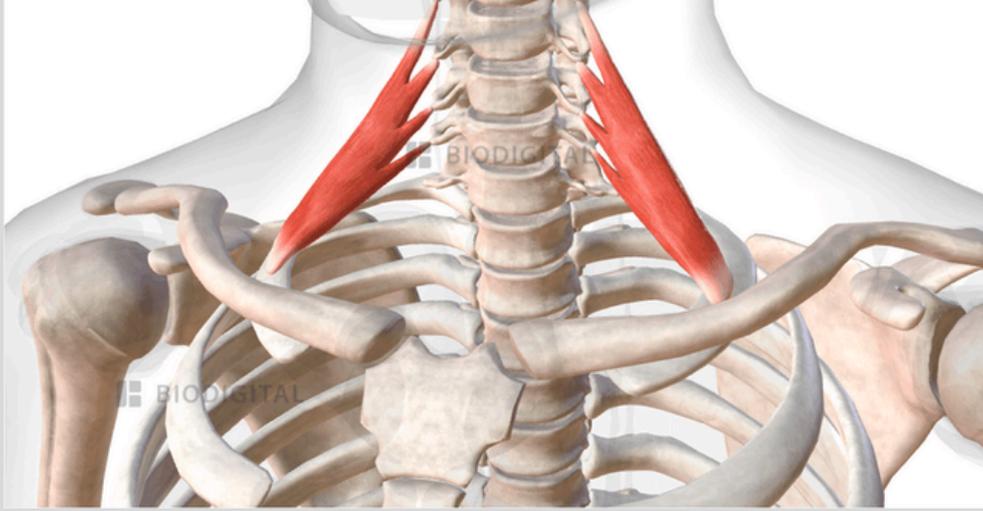
1- Last step of treatment is pes cavus

2- Last step of treatment is varus

3- Last step of treatment is tenotomy of achilles



Q20: كان جايب الصورة و هداول و وحدة منهم غلط



Anatomy

- **Origin:** Anterior tubercles of the transverse processes of the 3rd to 6th cervical vertebrae (C3-C6). [🔗](#)
- **Insertion:** The scalene tubercle on the inner border of the first rib. [🔗](#)
- **Location:** Deep to the sternocleidomastoid muscle, on the lateral side of the neck. [🔗](#)

Function

- **Neck Movement:** Flexes the neck forward and rotates it to the opposite side when the first rib is fixed. [🔗](#)