



# 021 ORTHOPEDIC SURGERY MINI-OSCE



فَخَلَقْنَا النُّطْفَةَ عَلَقَةً فَخَلَقْنَا الْعَلَقَةَ مُضْغَةً فَخَلَقْنَا الْمُضْغَةَ  
عِظَامًا فَكَسَوْنَا الْعِظَامَ لَحْمًا ثُمَّ أَنْشَأْنَاهُ خَلْقًا آخَرَ فَتَبَارَكَ اللَّهُ  
أَحْسَنُ الْخَالِقِينَ

# SPECIAL THANKS ☺

This file will include **only** the questions that are completely new or partially new (same in p.ps but some segments are different)

The Copy/Paste P.Ps will not be here, as they will get y'all confused and will be waste of time to add them....

## 1st & 2nd Rotation:

**Abdullah Al-Ta'ani & Mohammad Hamam**

## 3rd Rotation:

**Tasneem Alremawi**

## 4th Rotation:

**Hosam Theeb**

## 5th & 6th Rotation:

**Zaid Al-Tawil**

## 7th Rotation:

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## 8th Rotation:

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## 9th Rotation:

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## 10th Rotation:

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صدقة جارية عن المغفور له بإذن الله، عمر عطية من دفعة 2023 – كلية الطب، الجامعة الأردنية  
اللهم ارحمه واغفر له، وأنزله منزلاً مباركاً، ووسّع مدخله. إنا لله وإنا إليه راجعون. لا تنسوه من دعائكم

**Q1: Name the Nerves that supply these areas:**

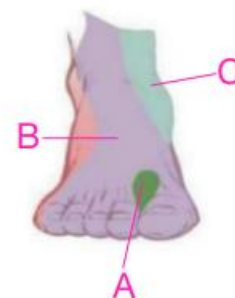
**ANS:**

**Green:** Deep Peroneal Nerve

**Purple:** Superficial Peroneal Nerve

**Light Green:** Saphenous Nerve

- Similar to P.Ps (Same Picture but Different Areas)



**Q2: An X-Ray of a 60-year-old female patient.**

**A. Type of scoliosis?**

Degenerative (De Novo) Scoliosis

**B. Other investigations?**

CT, MRI

- Similar to P.Ps (Same Picture but Different Age)



**Q3: A patient who was involved in a road traffic accident presented to the emergency department.**

**A. What's the first step of management for this patient?**

ATLS (ABCDE approach), Give warm IV fluids (namely Ringer's lactate) & stop the bleeding

**B. How to reduce the level/percentage of infection in this patient?**

Debridement, antibiotics, anti-tetanus toxoid & adequate irrigation

- Similar to P.Ps (Same Picture but Section B has Different Phrase)



**Q4: 11 YO male patient presented with pain, redness, swelling of one of the knee joints and he can't stand on his leg. There was a picture showing the joint.**

**A. Investigations to confirm the diagnosis?**

CBC, CRP, ESR, culture, synovial fluid analysis

**B. Treatment?**

Emergent drainage & antibiotics

- Similar to P.Ps (Can't Stand on his leg instead of "Joint Discharge")



### Q5: Name These Structures:

ANS:

1 --> Acromioclavicular Joint

2 --> Coracoid Process

3 --> Glenoid Fossa

- Similar to P.Ps (Same Picture But different arrowed structures)



### Q6: Comparing orthopedic cast, which one is better in terms of: (Hand is A, Leg is B)

#### A. Weight?

B more than A

#### B. Strength?

A more than B

#### C. Molding ability?

A more than B

- New



### Q7: A patient who was involved in a road traffic accident presented to the emergency department.

#### A- Grade?

3 (Gustilo classification)



#### B- What's the first step of management for this patient?

ATLS (ABCDE approach), Give warm IV fluids (namely Ringer's lactate) & stop the bleeding

#### C. How would you manage the wound?

Analgesia, antibiotics, anti-tetanus toxoid & adequate irrigation

- Similar to P.Ps (Different Picture & Segment A is new)

### Q8: 54. An x-ray of the pelvis, it asked to identify:

ANS:

A. Acetabulum

B. Femur neck

C. Greater trochanter



- Similar to P.Ps (Same Picture but Different Areas)

**Q9: 3 YO male patient presented with pain, redness, swelling of one of the knee joints.**

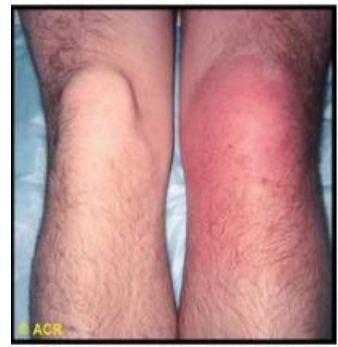
**A. Investigations to confirm?**

CBC, CRP, ESR, culture, synovial fluid analysis

**B. One complication?**

Destruction of cartilage, Osteomyelitis

- Similar to P.Ps (Same Picture But Segment B is New & different age & without discharge)



**Q10: Basketball player fell on ankle in this position:**

**A. Which ligament has been torn?**

Anterior talofibular ligament

**B. Treatment?**

Rest ice, compression, elevation

- Similar to P.Ps (Same Picture But Segment A is New)



**Q11:**

**A. What findings support your diagnosis?**

Loss of joint space, Osteophytes & Subchondral sclerosis

**B. Management?**

Depend on patient: **conservative** (lifestyle modifications like weight loss and exercise and walking, NSAIDS, steroidal injection, physiotherapy) **Or Surgery**

- Similar to P.Ps (Same Picture But Segment B is New)



**Q12: 21-year-old male has been leaning on his elbow for the past 3 days he complains of redness over his elbow, and it is not tender.**

**A. Diagnosis?**

Olecranon bursitis.

**B. Management?**

Analgesia (NSAIDs), cold compression, rest, and avoidance of further pressure on the elbow

- New



**Q13:** A patient who was involved in a road traffic accident presented to the emergency department.

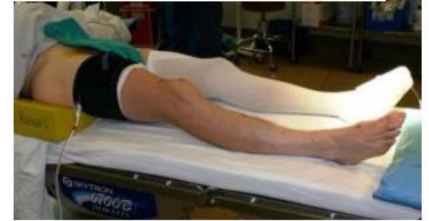
**A.** What is the name of this device?

Tourniquet

**B.** For how long it can be left without causing damage?

Up to 2hrs

- Similar to P.Ps (2 is new)



**Q14:**

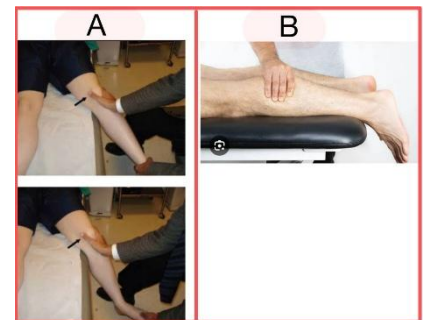
**A.** Name of Test (A)?

Patellar apprehension test

**B.** Name of Test (B), and what is it for?

Thompson Test, Achilles tendon.

- New

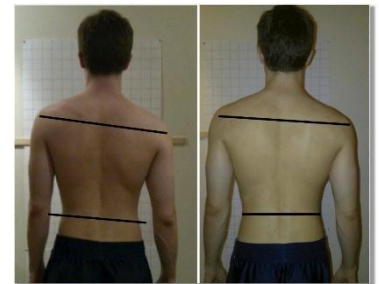


**Q15:** Which nerve causes shoulder droop when damaged?

**ANS:**

Spinal Accessory Nerve

- New

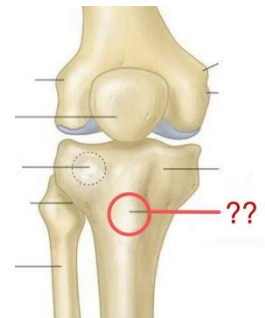


**Q16:** Identify the labeled structure?

**ANS:**

Tibial tubercle

- New



**Q17:** What is the criteria for septic arthritis in children?

**ANS:**

Kocher criteria

- New