



Orthopedic final wateen 2025::

1. All of the following is true regarding isthmic spondylolisthesis EXCEPT:

- a) it's a common cause of low back pain in children and adolescents.
- b) It's caused by a defect in the pars interarticularis.
- c) Most common location is L5-S1.
- d) Usually activity related and occurs from repetitive flexion exercise
- e) Most commonly its treated conservatively.

2. All the following are signs of carpal tunnel syndrome Except; Select one:

- a) Paresthesia of lateral three and half fingers
- b) Weakness of thumb opposition
- c) Thenar atrophy
- d) Positive Phalen test
- e) Positive froment sign

3. an 85 year old male came to ER after RTA, he is found to have a displaced fracture of the neck of the femur. He is hemodynamically stable with no other injuries. The orthopedic team is consulted. Which of the following is most associated with reduced mortality in this patient?

- a) prolonged bed rest to allow natural healing
- b) surgery performed within 48 hours of admission
- c) Delaying surgery until after full cardiac clearance
- d) administration of high dose steroids preoperatively

e)keep the patient nil per os (NPO) for 72 hr preoperatively.

4. pediatric case about erb's palsy with preservation of grasp reflex , the nerve not affected?

Ulnar nerve not affected ✓

5. Terrible Triad Components?

lateral collateral ligament + Radial head fracture Coronoid process fracture ✓

6. Not risk factor for osteoporosis?

Obesity ✓

7. Most sensitive test for follow treatment improvement from acute osteomyelitis?

CRP ✓

8. Not at increased risk for osteoarthritis of the knee:

a) 35 female with femur shaft fracture ✓

b) 35 female with RA

c) 35 female with family history of OA

d) 35 female with history of septic arthritis

9. About the periosteum one wrong ?

Thicker in pediatric ✓

10. Predominant blood supply in adults?

a) Continues with joint capsule ✓?? مش متأكدين

b) Composed of 2 layers ?

c) Different types of cells

11. (Highest to Lowest Radiodensity):

Lead > Bone > Muscle > Fat > Air ✓

12. Insertion of lesser trochanter?

iliopsoas ✓

13. Not correct?

Ewing sarcoma is fibrois

14. Not correct?

Chondroma: night pain relieved by aspirin

15. Antibiotics choice in gastro type a3 ?

Cephalexin, gentamicin and penicillin

16. One of the following about neuromuscular junction is correct?

a) Type of muscle receptor is muscarinic

b) Acted on by adrenaline

c) Acted on by noradrenaline

d) Each nerve fibre supply single muscle fibre

e) End plate potential 10 times

17. Patient present with joint pain can't bear weight ESR 60 wbc 8000 and temp 39 ?

Kocher 3

18. Innervation of brachialis?

a) Radial

b) Musculocutaneous

c) Both radial and musculocutaneous

19. Club foot one incorrect ?

a) Treatment should be started at 3 months

b) Skin and soft tissue is short and underdeveloped on medial side

c) In resistance cases, tendon lengthening on lateral side

20. Tenosynovitis case scenario management ?

Incision and drainage + antibiotics

21. Posterior shoulder dislocation:

Internal rotators muscles are stronger than external rotators

22. Weber classification?

Fibula related syndromes

23. Which is wrong?

a) ADHD: perthes

b) Anteverted : perthes

c) DDH : swaddle

d) Ricket : deformity

24. not true about acetabular fracture?

a) Local septic can be treated conservatively

b) Most commonly caused by femur impact towards the acetabulum (or something like that)

c) Types of acetabular are ant, column post column,....

25. All of the following are correctly matched except: a) Trigger finger is related to A1 Pulley

b) Swan neck deformity: hyperextension of PIP

c) Mallet finger: flexion of DIP

d) Boutonniere: flexion of PIP

e) Dupuytren Contracture: Fibroblast proliferation??

26. A 16 year old female presents with a painful and swollen left knee after a fall, there is a knee effusion, a positive apprehension test, tenderness over the medial femoral epicondyle and NO medial joint line tenderness. It is the first time for her. X-ray is negative for any fracture or dislocation, what is the next step in management?

a) Ice, NSAIDs and knee plaster

b) Arthroscopy with medial meniscus repair

c) Arthroscopy with ACL reconstruction

d) Arthroscopy with PCL reconstruction

e) Arthroscopy with lateral meniscus repair

27. Which is wrong ?

a) Indirect patellar fx caused by extension of knee with quadriceps contraction??

b) Non union and delayed union is common in tibial fx

28. a 30-year-old manual worker complained of right knee pain and instability. He has a history of hyperextension injury 2 months ago. Radiographs of the knee were unremarkable. The most likely positive physical exam test would be; select one:

a) Anterior drawer test

b) Posterior drawer test

c) McMurray's test

d) Varus stress test

e) Valgus stress test

29. In treatment of Osteoarthritis of the knee, all of the following consider useful treatment in some Stages of the disease except:

a) Nonsteroidal anti-inflammatory drugs.

b) Exercise

c) Weight reduction.

d) Oral supplement of glucosamine and chondroitin

e) Total knee replacement

30. a 67 y/o woman slips on ice while getting out of her car and lands on her outstretched left hand. She complains of wrist pain deformity. On P/E-> no sensation of volar thumb, index, middle finger 2h following closed reduction, the deformity is corrected but the numbness wrist pain worsening, Your intervention?

a) indication of surgery

b) Open reduction + release of carpal tunnel

31. a 40 year old male patient involved in a road traffic accident presented to the emergency department by the civil defense, he was conscious oriented, his blood pressure was 90/60. Upon resuscitation, physical examination and proper imaging. He has an isolated open book pelvis fracture. The mechanism contributing to his fracture is?

a)Anteroposterior compression

b)Lateral compression.

c)Vertical shear.

d)Crushing injury.

e)Dashboard injury

32.Which of the following Spine fracture patterns is at greatest risk for nonunion with nonoperative and operative treatment; Select one:

a)Jefferson fracture.

b)50 percent wedge L2 fracture

c)Base of Odontoid process fracture

d)Type 1 Hangman's fracture

e)Tip of odontoid process fracture

33. Radiculopathy of c- spine, one is FALSE; Select one:

a)C4 radiculopathy causes scapular winging.

b)C5 radiculopathy leads to deltoid and biceps weakness, numbness in the lateral shoulder.

c)C6 radiculopathy leads to arm pain, paresthesia in the thumb, weakness to brachioradialis.

d)C7 radiculopathy leads to rotator cuff weakness and diminished sensation in the thumb

e)C8 radiculopathy lead to weakness in distal phalanx flexion of middle and index finger

34. All of the following are considered as RED FLAG in Low back pain Except; Select one:

a)Intravenous drug use.

b)Low back pain for 2 months duration

c)Perineal paresthesia.

d) Progressive neurological deficit

e) Immunosuppressive drug therapy

35. Regarding Acute osteomyelitis, which of the following is true; Select one:

a) Requires operative debridement in the majority of cases.

b) Requires antibiotic therapy for 4 to 6 weeks

c) Never causes growth disturbance of the involved bone.

d) Occurs in the diaphysis in most cases) Occurs always via Hematogenous Route

36. The biceps tendon reflex is primarily transmitted through which of the following primary nerve roots; Select one:

a) C1, C2

b) C2, C3

c) C3, C4

d) C5, C6

e) C7, C8