

Principle Of Management

Multiple Choice Questions and Answers

1. Which is not a principle of compound fracture treatment?

- a) No tendon repair
- b) Aggressive Antibiotic cover
- c) Wound debridement
- d) Immediate Wound closure

Ans: D

2. Medial meniscus is more vulnerable to injury because of?

- a) Its fixity to tibial collateral ligament
- b) its semicircular shape
- c) action of adductor magnus
- d) its attachment to fibrous capsule

Ans: a

3. Injury to the popliteal artery in fracture lower end of femur is often due to?

- a) Distal fragment pressing the artery
- b) Proximal fragment pressing the artery
- c) Tight plaster
- d) Hematoma

Ans:a

4. In transverse fracture of the patella, the treatment is

- a) Excision of small fragment
- b) Wire fixation
- c) Plaster cylinder
- d) Patellectomy

Ans:b

5. Commonest type of dislocation of the hip is

- a) Anterior
- b) Posterior
- c) Central
- d) Dislocation with fracture of the shaft

Ans:b

6. March fracture affects

- a) Neck of 2nd metatarsal
- b) Body of 2nd Metatarsal
- c) Neck of 1 st metatarsal
- d) Fracture of lower end of tibia

Ans:a

7. Commonest complication of extracapsular fracture of neck of femur is

- a) Non Union
- b) iscnemic necrosis
- c) Maiunion
- d) aTPuTmonary complications

Ans:c

8. Drugs causing congenital defects of fetus in pregnancy except

- a) Lithium

- b) Thalidomide
- c) Tetracycline
- d) Sulfonamide

Ans:d

9. Blood coagulation profile in pregnancy is

- a) Increase in fibrinogen level of 10-25 %
- b) Decrease in factor X, XI, XII
- c) Decrease in plasminogen activity
- d) Increase in platelet count

Ans:a

10. In classical caesarean section more chances of rupture of uterus is in

- a) upper uterine segment
- b) lower uterine segment
- c) utero cervical junction
- d) posterior uterine segment.

Ans:a

11.Only indication for Internal version nowadays is

- a) Brow presentation
- b) Face presentation
- c) Second fetus of twins
- d) Breech

Ans:c

12.Internal fixation is done in all fracture Except

- a) Compound
- b) Multiple
- c) Elderly person

Ans:a

13.Myositis ossificans is commonly seen at the ____ joint

- d) Hip
- a) Knee

- b) Elbow
- c) Shoulder
- d) Hip

Ans:b

14.The most important factor in fracture healing is

- a) Good alignment
- b) Organization of blood clot
- c) Accurate reduction and 100% apposition of fractured fragments
- d) Immobilization
- e) Adequate calcium intake

Ans:d

15.The most preferred treatment of fracture of neck of femur in a young person is

- a) Hemiarthroplasty
- b) Total hip treatment
- c) conservative treatment

d) closed reduction & internal fixation

Ans:d

16.Lisfranc dislocation is

- a) Tarsometatarsal dislocation
- b) Lunate dislocation
- c) Scaphoid dislocation
- d) Posterior dislocation of elbow

Ans:a

17.Position of immobilization in fracture both bones of forearm in an adult male will be

- a) Prone
- b) Mid prone
- c) Supine
- d) 10° Supine

Ans:c

18. Carpal bone which fractures commonly

- a) Scaphoid
- b) Lunate
- c) Hamate
- d) Pisiform

Ans: a

19. True about clavicular fracture is

- a) Most common at medial 1/3 & 2/3
- b) comminuted fracture common
- c) malunion occurs
- d) usually due to fall on elbow

Ans: c

20. Commonest site of fracture scaphoid

- a) Waist
- b) Proximal third
- c) Distal third

d) Tuberculosis

Ans:a

21.Excision of fractured fragment is practised in all fractures except

- a) Patella
- b) Olecranon
- c) head of radius
- d) lateral condyle humerus

Ans:b

22.The complication not common in colle's fracture is

- a) malunion
- b) non union
- c) sudeck's atrophy
- d) stiffness of wrist

Ans:b

23. In 65 year old male with history of fracture neck of femur 6 weeks old, treatment of choice

- a) SP nailing
- b) Mc Murray's osteotomy
- c) hemiarthroplasty
- d) none.

Ans: c

24. In Colles fracture not seen in

- a) Proximal impaction
- b) lateral rotation
- c) dorsal angulation
- d) medial rotation

Ans: d

25. In fracture medial epicondyle of humerus, which of the following can be affected

- a) Flexion of fingers

- b) Adduction of fingers
- c) Abduction of fingers
- d) Flexion of thumb

Ans:a

26. Most common cause of pathological fracture in a child is

- a) malignancy
- b) bone cyst
- c) fibrous dysplasia
- d) paget's disease

Ans:b

27. A lady presents with a history of fracture radius, which was put on plaster of paris casts for 4 weeks. After that she developed swelling of hands with shiny skin. What is the most likely diagnosis.

- a) Rupture of extensor pollicis longus tendon
- b) Myositis ossificans
- c) Reflex sympathetic dystrophy

d) Malunion.

Ans:c

28.AH are components of Rotator cuff except

- a) Supraspinatus
- b) Infraspinatus
- c) Subscapularis
- d) Teres major

Ans:d

29.Complication of fracture scaphoid is

- a) Injury to radial artery
- b) avascular necrosis of proximal part
- c) avascular necrosis of distal part
- d) injury to radial nerve

Ans:b

30. Which fracture neck of femur has a poor prognosis

- a) Intra capsular
- b) Extracapsular
- c) Both
- d) None.

Ans: a

31. Fracture blisters commonly appear on how many days ?

- a) 1- 3 days
- b) 3- 5 days
- c) 5-7 days
- d) 5-9 days

Ans: b

32. If the greater tuberosity of the humerus is lost, which of the following movements will be affected

- a) Adduction and flexion
- b) Abduction and lateral rotation

- c) Medial rotation and adduction
- d) Flexion and medial rotation

Ans:b

33. The most common cause of a sprained ankle is injury of

- a) Deltoid ligament
- b) lateral ligament
- c) Inferior tibiofibular ligament
- d) Anterior Talofibular ligament.

Ans:d

34. In the case of 65 year old person with fracture neck of femur the treatment of choice is

- a) close reduction
- b) close reduction with internal fixation
- c) open reduction
- d) replacement of head and neck of the femur with a prosthesis

Ans:d

35. Tardy ulnar nerve palsy is seen in :

- a) Cubitus valgus
- b) Dislocation of elbow
- c) Fracture scaphoid
- d) Supracondylar fracture of humerus

Ans:a

36. Common injury to baby is

- a) Fracture humerus
- b) Fracture clavicle
- c) Fracture radius-ulna
- d) Fracture femur

Ans:b

37. Young man with # tibia of left side 2 months ago, is having popliteal cast, Now needs mobilization with single crutch. Which will be the

preferred site ?

- a) Left sided crutch
- b) Right sided
- c) Any side
- d) Both sides

Ans:a

38. Bryant's triangle is useful in diagnosis of following except

- a) Supratrochanteric shortening
- b) Infratrochanteric shortening
- c) anterior dislocation hip
- d) posterior dislocation hip

Ans:b

39. Line joining Ant Sup. iliac spine to tip of gluteal tuberosity, should normally touch the Greater trochanter, this is

- a) Shoemakers line
- b) Nelaton's line

c) Von-rossen

d) Perkins

Ans:b

40.Which of the following is least common in supracondylar fracture

a) Non union

b) Median nerve injury

c) volkmanns ischemic contracture

d) cubitus varus

Ans:a

41.Earliest symptom of Volkmann's ischemia is

a) Pain in flexor muscles

b) Absence of pulse

c) Pain on passive extension

d) Cyanosis of limb

Ans:a

42. A patient develops compartment syndrome (swelling, pain and numbness) following manipulation and plaster for fracture of both bones of leg. What is the best treatment?

- a) Split the plaster
- b) Infusion of low molecular weight dextran
- c) Elevate the leg after splitting the plaster
- d) Do operative decompression of fascial compartment

Ans: d

43. Anterior dislocation of shoulder causes all except

- a) Circumflex artery injury
- b) Avascular necrosis head of humerus
- c) Brachial plexus injury
- d) Chip fracture scapula

Ans: d

44. In Colles# following is most common complication

- a) Non union

- b) Malunion
- c) Sudeck's dystrophy
- d) Volkmann's ischemic contracture

Ans:b

45. Patient with supracondylar fracture following reduction presented with claw hand. The likely diagnosis is

- a) Volkmann's ischaemic contracture
- b) median nerve injury
- c) Ulnar nerve injury
- d) Dupuytrens contracture

Ans:a

46. Pivot test for

- a) anterior cruciate ligament
- b) posterior cruciate ligament
- c) medial meniscus injury
- d) lateral meniscus injury

Ans:a

47.Triangular relation of Elbow is maintained in

- a) Fracture ulna
- b) Anterior dislocation of Elbow
- c) Posterior dislocation of Elbow
- d) Supracondylar fracture

Ans:d

48.Fracture which most often requires open reduction & internal fixation

- a) Lateral condyle of humerus
- b) Femoral condyle
- c) Distal tibial epiphyseal separation
- d) Fracture both bones forearm

Ans:a

49. A patient had injury to the upper limb 3 yrs earlier, now he presents

with paresthesia over the medial border of the hand and anaesthesia over medial two fingers. The injury is likely to have been

- a) supracondylar fracture
- b) lateral condyle fracture humerus
- c) medial condyle fracture humerus
- b) lateral condyle fracture humerus

Ans: b

50. Commonest type of lesion causing recurrent shoulder dislocation is

- a) Shallow glenoid labrum
- b) Bankart's lesion
- c) Weakness of subscapularis muscle
- d) Injury to humeral head

Ans: b

51. Menisci calcification is a feature of

- a) Gout
- b) Hyperparathyroidism

c) pseudogout

d) ankylosing spondylosis

Ans:c

52.A young adult presenting with oblique, displaced fracture olecranon
treatment of choice

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- b) Percutaneous wiring
- c) Tension band wiring
- d) Removal of displaced piece with triceps repair

Ans:c

53.Volkman's ischemic contracture mostly involves

- a) Flexor digitorum superficialis
- b) Pronator teres
- c) Flexor digitorum profundus .
- d) Flexor carpi radialis longus

Ans:c

54.Avascular necrosis is commonest in one of the following fractures

- a) Gorden 1 & 2 fracture of femoral neck

- b) Garden 3 & 4 fracture of femoral neck
- c) Sub-trochanteric fracture of femoral neck
- d) Baso-trochanteric fracture

Ans:b

55. On measurement, the base of Bryant's triangle on the left side is found to be short by 2 cms as compared to the right side. This indicates

- a) Fracture of the neck of the femur
- b) Fracture of the shaft of the femur
- c) Osteoarthritis of hip joint
- d) Rheumatoid arthritis of the hip joint

Ans:a

56. All the following requires open reduction & internal fixation almost always except

- a) Lateral condyle of humerus
- b) Olecranon
- c) Patella

d) Volar Barton's fracture

Ans:d

57.Pathognomic sign of traumatic fracture

- a) Swelling
- b) Tenderness
- c) Redness
- d) Crepitus

Ans:d

58. A football player, while playing, twists his knees over the ankle. He still continues to play.

- a) Medial meniscus tear
- b) Anterior cruciate ligament tear
- c) Medial collateral ligament injury
- d) Posterior cruciate ligament injury.

Ans:a

59.K-wire is used in

- a) Circlage
- b) fixing forearm bones
- c) prior to plating
- d) All of the above.

Ans:d

60.Treatment of Acute myositis Ossificans is

- a) Active mobilization
- b) Passive mobilization
- c) Infra Red therapy
- d) Immobilization

Ans:d

61. The treatment of choice for non-union of extracapsular fracture neck femur

- a) Hip spica

- b) Intramedullary nailing
- c) Internal fixation
- d) Compression plating

Ans:c

62.Duga's test is helpful in

- a) Dislocation of hip
- b) Scaphoid fracture
- c) Fracture neck of femur
- d) Anterior dislocation of shoulder

Ans:d

63.Open reduction in children is done for

- a) Supracondylar fracture
- b) forearm both bone fracture
- c) femoral condyle fracture
- d) lateral condyle of humerus fracture

Ans:d

64. Avascular necrosis of the head of femur is not seen in

- a) Subcapital Fracture
- b) Intertrochanteric fracture
- c) Transcervical fracture
- d) Central dislocation of hip

Ans:b

65. Stiffness in knee is maximum when traction is at

- a) Skin
- b) lower end femur
- c) upper end tibia
- d) calcaneum

Ans:b

66. Intramedullary fixation is ideal in a case of fracture of shaft of femur when there is

- a) A transverse fracture
- b) A compound fracture
- c) Soft tissue interposition between the fractured ends
- d) Such a fracture in a child

Ans:a

67.Meyer's operation is done for

- a) Recurrent dislocation of patella
- b) Dislocation of shoulder joint
- c) Dislocation of hip joint
- d) Scaphoid

Ans:b

68.Treatment of choice for old non-united fracture of shaft of femur

- a) compression plating
- b) bone grafting
- c) nailing
- d) compression plating with bone grafting.

Ans:d

69.The last step in the healing of a fracture is

- a) Hematoma formation
- b) Consolidation
- c) Remodelling
- d) Callus formation
- e) Demineralization of bones.

Ans:c

70.A Bennet's fracture is difficult to maintain in reduced position because of the pull of

- a) Extensor pollicis longus
- b) Extensor pollicis brevis
- c) Abductor pollicis longus
- d) Abductor pollicis brevis

Ans:d

71. Inter trochanteric fracture has trendelenberg sign negative because of the action of

- a) Gluteus medius
- b) Gluteus minimus
- c) G. maximus
- d) Tensor fascia lata

Ans: a

72. A segmental compound fracture tibia with 1cm skin wound is classified as

- a) Type I
- b) Type II
- c) Type IIIA
- d) Type IIIB

Ans: a

73. Steinman pin is used for all except

- a) fracture of upper end of tibia
- b) fracture through lower end of tibia
- c) fracture through lower end of femur
- d) skull traction

Ans: d

74. Treatment after removal of plaster for supracondylar fracture of humerus is

- a) active mobilization at elbow joint
- b) massage
- c) no treatment
- d) passive movements at elbow

Ans: a

75. Lateral condyle can cause

- a) Genu valgum
- b) Genu varus

- c) Genu recurvatum
- d) Dislocation of ankle

Ans:a

76. Muscles involved in Volkmann's ischemic contracture

- a) Flexor pollicis longus
- b) Flexor profundus
- c) Flexor sublimis
- d) All

Ans:d

77. Medial meniscus tear is more common than lateral meniscus because of its decreased

- a) Nerve supply
- b) Vascularity
- c) Mobility
- d) Fibroelasticity

Ans:c

78.Volkman's ischaemic contracture is due to

- a) Arterial injury
- b) Venous injury
- c) Nerve injury
- d) Increase of compartment pressure in the limb

Ans:d

79.Attitude of the limb in anterior dislocation of hip

- a) Flexion, abduction, external rotation
- b) Flexion, adduction, external rotation
- c) Flexion, Abduction, internal rotation
- d) Flexion, adduction, internal rotation

Ans:a

80.Treatment of fracture clavicle in an infant is best treated by

- a) Cuff and sling

- b) Figure of 8 bandage
- c) Open reduction
- d) Shoulder cast

Ans:b

81. Dislocation of hip joint palpable on per rectal examination

- a) Congenital dislocation of hip
- b) Posterior dislocation of hip
- c) Fracture neck of femur
- d) Anterior dislocation of hip

Ans:a

82. Fractures common in elderly women are all except

- a) Clavicular
- b) Colles
- c) Intertrochanteric
- d) neck of femur

Ans:c

83.Late complication of Acetabular fracture

- a) Avascular necrosis of head of femur
- b) Avascular necrosis of iliac crest
- c) Fixed deformity of the hip joint
- d) secondary osteoarthritis of hip joint

Ans:a

84.Treatment of anterior dislocation of shoulder is by

- a) Kocher's manoeuvre
- b) Dennis browne splint
- c) Barlows manoeuvre
- d) Surgery

Ans:a

85.Patient comes with fracture of femur in an acute accident, the first thing to do is

- a) Secure airway and treat the shock
- b) Splinting
- c) Physical examination
- d) X-Rays

Ans:a

86. Multiple bone fractures in a new born is seen in

- a) Scurvy
- b) Syphilis
- c) Osteogenesis imperfecta
- d) Morquio's syndrome

Ans:c

87. Most common bone to fracture in body is

- a) Radius
- b) Clavicle
- c) femur
- d) vertebra

e) Pelvis

Ans:b

88.Cock up splint is used in management of

- a) Ulnar nerve palsy
- b) brachial plexus palsy
- c) radial nerve palsy
- d) combined ulnar & median nerve palsy

Ans:c

89.The type of displacement of fractured fragment in which bone is not remodelled

- a) Anterior angulation
- b) Posterior angulation
- c) Lateral angulation
- d) Rotation

Ans:b

90. Carrying angle is decreased in

- a) Cubitus varus
- b) Cubitus valgus
- c) Genu valgum
- d) Genu varum

Ans: a

91. Transverse fracture of medial malleolus is caused by

- a) Abduction
- b) Adduction
- c) Rotation of foot

Ans: a

92. Bennett's fracture is fracture dislocation of base of _____ metacarpal

- a) 4th
- b) 3rd
- c) 2nd
- d) 1st

Ans:d

93. Most common type of supracondylar fracture is

- a) extension type
- b) flexion type
- c) abduction type

Ans:a

94. Intramedullary nailing is contraindicated in fracture shaft femur if

- a) The fracture is compound
- b) The fracture is near the knee joint
- c) The epiphysis have not fused
- d) Any of the above is present
- e) None of the above is present

Ans:d

95. A man was diagnosed to have myositis ossificans progressiva at the age of 20 yrs.

He died 5 yrs later. What is the most probable cause of death ?

- a) Starvation and chest infection
- b) Myocarditis
- c) Hypercalcemia
- d) Hyperphosphatemia

Ans: a

96. The commonest elbow injury in children is

- a) Extension type of supracondylar fracture of humerus
- b) Dislocation of elbow
- c) Fracture lateral condyle of humerus
- d) Fracture medial epicondyle of humerus

Ans: a

97. Ideal treatment with fracture neck of humerus in a lady will be

- a) Triangular sling

- b) Hemiarthroplasty
- c) Chest arm bandage
- d) Internal fixation

Ans:a

98. In Intertrochanteric #has most common complication of

- a) Non union
- b) Malunion
- c) Avascular necrosis
- d) Nerve Injury

Ans:b

99. Luxatio erecta

- a) tear of the glenoidal labrum
- b) inferior dislocation of shoulder
- c) anterior dislocation of shoulder
- d) defect in the humeral head

Ans:b

100. McMurray's osteotomy operation is based on the following principle

- a) Mechanical
- b) Biological
- c) Bio-mechanical
- d) None

Ans:c

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