CASTING AND SPLINTING TECHNIQUES

1-Immobilization of fracture leads to the following except?

a)Permits normal healing

b)relieves pain

c)allows muscle relaxation

d)permits earlier use of a limb

2-Which of the following is not an indication of volar splint

a)thumb dislocation

b) carpal tunnel syndrome

c)wrist sprain

d) laceration

3-When removing a cast,you should not consider?

a)type of cast

b)the fracture site

c)soft tissue condition

d)age of the patient

4-Which is not a type of cast wedging?

a)open

b)closed

c) cylindrical

d)none of the above

5-Which is not a method of POP application

a)two-tier cast

b)three-tier cast

c) bologna cast

d)skin tight cast

6-Removal of cast is done in which part of the limb?

a)convex side

b) concave side

c) anterior side

d) posterior

7-Which factors increases setting time of a cast

a)borax

b)resin

c)sugar

d)hot water

8-Drying time of a cast approximately takes?

a)5seconds

b)5minutes

C)2hours

d)2days

9-Using sub-standards POP may lead to the following except

a)medico-legal cost

b) exothermic reaction

c) fracture healing

d)huge cost to the hospital due to repeat application and rejects

10-Complications of a cast arises from the following factors except

a)Tight cast

b) improper application of cast material

c)plaster allergy

d)plaster sores

11-Which is not an example of assistive devices for orthopedics patients

a) crutches

b)walkers

c) reclining wheelchairs

d) none of the above

12-Which is not a form of POP cast

a)slab

b)spica

c)brace

d)non of the above

13-Poor manipulation and reduction may lead to the following except

a) insufficient casting material

b) inadequate relaxation

c) insufficient relaxation

d)poor understanding

14-Which material cannot be used as a cast material

a)fiber glass

b) fiberglass

c) polyester

d)none of the above

15-A cast that has just set is referred to as?4mks

16-The skin breaths by air pockets in a cast that are denser and impermeable

a)True

b)False

17-Drying time of a cast is the change of Plaster of Paris to crystalline gypsum

a)True

b)False

18-Which is not a feature of DynaCast

a)is light in weight

b)strong and durable

c)sets within 24-72hours

d)aids moisture transmission away from the skin to enhance patient comfort

19-Which of the following is not an indication of padding

a)when wedging is needed

b)where the limb is thin and the bones are very superficial

c)where swelling is expected or present

d)to help to absorb blood and serous fluid

e)none of the above

20-Which is not a complication of Plaster of Paris

a)nerve union

b)plaster sores

c)impaired circulation

d)loss of position of fracture fragments

21-Which is an indication of Patella Tendon bearing cast

a) dislocation of knee joint

b) patella fracture

c)non displaced posterior tibia fracture

d) healing fractures of distal tibia

22-which one is not an indication of immobilization of an extremity

a)strains

b)sprains

c) fractures

d)severe soft-tissue injury

e)none of the above

23-The following are indications of thumb spica,which one is not

a)thumb dislocation

b) scaphoid fractures

c)none of the above

d)all of the above

24-Which among the following is not an indication of cylinder cast

a)ankle dislocation

b)knee dislocation

c)patella fractures

d)knee injuries

25-The purpose of reducing the elbow joint using '100-90°' tricky is to:

a)reduce pain at the elbow joint.

b)avoid creasing of the cast at elbow joint

c)to improve blood circulation

d)to enhance healing of the fracture

ANSWERS

1-C

2-A

3-D

4-C

5-A

6-B

7-C

8-D

9-C

10-D

11-D

12-D

13-A

14-D

15-Green cast. 21-D

16-B. 22-A

17-B. 23-C

18-C. 24-B

19-E. 25-C

20-A