## Caring for Muscle and Bone Injuries

From Brady's First Responder (8<sup>th</sup> Edition) 54 Questions

- 1. What do injuries to the shoulder often produce? p. 393
  - \*A.) Anterior dislocation
  - B.) Superior dislocation
  - C.) Proximal dislocation
  - D.) Posterior dislocation
- 2. When placing a patient who has a minor closed head injury into the recovery position, where should the hand be placed?
- p. 412
  - \*A.) Under the cheek
  - B.) Under the chest
  - C.) Over the face
  - D.) Over the head
- 3. Which rescuer will check and clear the airway, provide ventilations and apply a collar when removing a helmet? p. 423
  - A.) Rescuer 1
  - \*B.) Rescuer 2
  - C.) Neither rescuer 1 nor 2
  - D.) Either rescuer 1 or 2
- 4. Which is an ideal situation when the patient is wearing a football helmet and shoulder pads and a spinal injury is suspected?
- p. 419
  - A.) Leave helmet on and remove shoulder pads
  - B.) Remove helmet and shoulder pads
  - C.) Remove helmet and leave shoulder pads on
  - \*D.) Leave helmet and shoulder pads on

- 5. What material is the more commonly used inflatable splint made from?
  p. 388
  A.) Metal
  B.) Aluminum
  C.) Paper
  \*D.) Plastic
- 6. How will the patient present when a posterior hip dislocation has occurred? p. 400
  - A.) Leg rotated outward and the knee is usually straight
  - B.) Leg rotated outward and the knee is usually bent
  - C.) Leg rotated inward and the knee is usually straight
  - \*D.) Leg rotated inward and the knee is usually bent
- 7. What should you do when assessing deformity in the patient's extremities?
- p. 377
  - A.) Ask the patient if it looks normal
  - \*B.) Compare it to the other side
  - C.) Hold it in an upright position
  - D.) Look at it from different angles
- 8. Which of the following is likely to be injured when a lateral blow to the shoulder occurs? p. 376
  - A.) Elbow
  - B.) Neck
  - \*C.) Clavicle
  - D.) Wrist
- 9. What should be done first during your initial assessment of the patient?
- p. 379
  - A.) Focus on obvious injuries
  - B.) Determine the number of patients
  - \*C.) Assess mental status
  - D.) Determine mechanism of injury

- 10. What should be used to assess circulation, motor function and sensation when splinting an injury? p. 384
- \*A.) Fingers and toes
  - B.) Ankles and wrists
  - C.) Elbows and knees
  - D.) Forearms and shins
- 11. Which is NOT a location that you should tie a cravat when immobilizing a pelvic injury with a blanket roll? p. 400
  - A.) At the ankles
  - \*B.) Around the waist
  - C.) Below the hips
  - D.) Below the knees
- 12. Which of the following is NOT a sign of an open head injury?
- p. 408
  - A.) Clear or yellow fluid leaking from the nose
  - B.) Feel a crack in the skull
  - \*C.) Bleeding from the scalp
  - D.) Eyelids are swollen and shut
- 13. What type of injury is seen when the breastbone breaks away from the ribs?
- p. 425
  - \*A.) Flail chest
  - B.) Dislocation
  - C.) Sucking wound
  - D.) Pneumothorax
- 14. At what age does the soft spot on the top of the infant's head close up completely?
- p. 405
  - A.) 9 to 12 months
  - \*B.) 18 to 24 months
  - C.) 24 to 36 months
  - D.) 36 to 48 months

A.) Dislocation B.) Sprain C.) Fracture *D.) Strain
16. How many bones are found in each wrist? p. 372 A.) 4 B.) 10 *C.) 8 D.) 6
17. What should be placed between the injured arm and the patient's chest when splinting an injured shoulder? p. 394 A.) Splint board *B.) Padding C.) Dressing D.) Swathe
18. At what angle should the patient's upper body be placed when he is responsive with minor closed injury to the cranium?  p. 411  A.) 60-degree  *B.) 45-degree  C.) 30-degree  D.) 90-degree
19. Which of the following is the only movable joint in the face? p. 405 A.) Orbit B.) Malar C.) Maxilla *D.) Mandible

15. What is caused by overexerting or tearing of a muscle?

p. 375

- 20. Where should you suspect injury to the spine when there is diaphragmatic breathing but the patient can feel the arms? p. 416
  - A.) No injury
  - B.) In the neck
  - C.) Lower spinal cord
  - \*D.) Below the neck
- 21. Which of the following should NOT be done when caring for possible fracture or dislocation of the lower jaw? p. 412
  - A.) Maintain an open airway
  - \*B.) Tie the patient's mouth shut
  - C.) Dress any open wounds
  - D.) Keep the patient at rest
- 22. Where should the cold pack be placed if the patient suffers from the added pressure on the injury? p. 380
  - A.) Just below the injury
  - \*B.) Just above the injury
  - C.) To the interior of the injury
  - D.) To the exterior of the injury
- 23. Which of the following should NOT be done with wrist or hand injuries?
- p. 396
  - \*A.) Apply manual traction
  - B.) Administer oxygen
  - C.) Apply manual stabilization
  - D.) Maintain the position of function
- 24. Which finding is rare when treating a patient with a spine injury?
- p. 413
  - A.) Loss of bowel or bladder control
  - B.) Paralysis to the arms and/or legs
  - \*C.) Feeling pieces of broken bones along the spine
  - D.) Burning sensations along the spine

25. What is the first thing you should do when splinting the patient? p. 382	he
*A.) Assess and reassure the patient	
B.) Expose the injury site	
C.) Control all major bleeding	
D.) Splint injuries before moving the patient	
26. What must be open for an open head injury to exist?	
p. 375 A.) Scalp	
B.) Skin	
*C.) Cranium	
D.) Dura	
27. How many bones are in what is commonly called the p. 405	spine?
A.) Twelve	
B.) Six	
C.) Nine *D.) Seven	
D.) Seven	
28. Where should you place yourself when manually stab a patient's head and neck?	ilizing
p. 418 A.) At the patient's feet	
*B.) Top of the patient's head	
C.) Side of the patient's head	
D.) Across the patient's chest	
29. What action is taken when performing manual tractio splinting an injured limb? p. 384	n while
*A.) Pulling	
B.) Twisting	
C.) Pushing	
D.) Squeezing	

- 30. How many people should be used to remove a helmet?
  p. 419

  A.) Three
  B.) Four
  \*C.) Two
  D.) One

  31. Where should padding be placed when splinting an arm with the elbow straight?
  p. 392

  A.) Elbow
  B.) Shoulder
  C.) Wrist
  \*D.) Armpit
- 32. What should be done to immobilize a lower extremity injury?
- p. 384
  - A.) Immobilize it above and below the injury
  - \*B.) Secure the lower extremities to each other
  - C.) Secure it to the torso
  - D.) Wrap it in a pressure dressing
- 33. What should be placed in the patient's hand to maintain a position of function when treating for a wrist injury? p. 396
  - A.) Pen or pencil
    - \*B.) Roll of dressing
    - C.) Fingers of the other hand
    - D.) End of the swathe
- 34. What is often times the only symptoms of most musculoskeletal injuries?
- p. 369
  - A.) Discoloration
  - \*B.) Pain
  - C.) Deformity
  - D.) Swelling

- 35. Where will the blanket roll be placed when treating a patient for a fracture to the pelvic girdle? p. 399
  - A.) On top of the legs
  - B.) Lateral side of the legs
  - \*C.) Between the legs
  - D.) Under the legs
- 36. What are the bones that form the upright axis of the body? p. 370
  - \*A.) Axial skeleton
  - B.) Support skeleton
  - C.) Movement skeleton
  - D.) Appendicular skeleton
- 37. What should you treat any injury caused by a strong force to the extremities?
- p. 375
  - A.) Sprain
  - B.) Dislocation
  - C.) Strain
  - \*D.) Fracture
- 38. What position should the elbow be immobilized in when treating an elbow injury?
- p. 395
  - A.) Position of function
  - B.) Position of comfort
  - C.) Position of usability
  - \*D.) Position it was found
- 39. Which type of splint should be used for injuries to the ankle or foot?
- p. 390
  - A.) Traction splint
  - B.) Air splint
  - \*C.) Soft splint
  - D.) Rigid splint

40. Where can you place your hand to determine if the injury is to the elbow? p. 395 A.) On the back of the hand \*B.) On the back of the elbow C.) On the back of the shoulder D.) On the back of the wrist 41. Where should the swathe be placed to minimize movement of the shoulder? p. 388 A.) High over the uninjured arm B.) Low over the uninjured arm \*C.) Low over the injured arm D.) High over the injured arm 42. Which is fractured with the boot-top injury? p. 402 \*A.) Tibia B.) Patella C.) Carpals D.) Femur 43. Which of the following should NOT be done when treating for a cranium injury? p. 411 A.) Control bleeding B.) Use the jaw-thrust maneuver \*C.) Stop the flow of CSF from the ears D.) Provide with 100% oxygen

44. How many cravats should be prepared when applying a soft

splint to the pelvic girdle injury patient?

p. 399

A.) Two B.) Six \*C.) Four D.) Eight

- 45. What should be immobilized when treating a patient with injuries to the fingers?
- p. 397
  - A.) Only the injury site
  - B.) Joints above and below the injury site
  - C.) Joints below the injury site
  - \*D.) Joints above the injury site
- 46. Which of the following is NOT a way to test the lower extremities for responsiveness?
- p. 415
  - \*A.) Foot grasp
  - B.) Foot push/pull
  - C.) Foot movement
  - D.) Toe touch
- 47. What is a characteristic stance of the patient suffering a rib fracture?
- p. 424
  - A.) Lean away from the side of the injury with a hand pressed over the injury
  - B.) Lean away from the side of the injury with a hand pressed opposite the injury
  - C.) Lean toward the side of the injury with a hand pressed opposite the injury
  - \*D.) Lean toward the side of the injury with a hand pressed over the injury
- 48. What does checking for sensation and motor function give you information about the status of in the injured extremity?
- p. 379
  - A.) The bones
  - \*B.) The nerves
  - C.) The muscles
  - D.) The blood vessels
- 49. Which type of injury occurs when a patient breaks a fall on an outstretched hand and dislocates his shoulder? p. 372
  - A.) Twisting
  - \*B.) Indirect
  - C.) Direct
  - D.) Pulling

p. 406-407 A.) Brain B.) Skin \*C.) Spinal cord D.) Muscles 51. Which of the following may be a sign of a head injury and a spinal cord injury? p. 409 \*A.) Paralysis to one side of the body B.) Headache following the incident C.) Altered mental status D.) Unequal, unresponsive or dilated pupils 52. Which of the following is NOT protected by the lower ribs? p. 406 A.) Spleen B.) Liver C.) Gallbladder \*D.) Heart 53. Which will maintain traction after it is secured to the patient? p. 385 A.) Mobile splint \*B.) Rigid splint C.) Flexible splint D.) Blanket splint 54. What can result from pressure on nerves caused by swelling or broken bones? p. 378 \*A.) Numbness or tingling B.) Sound of grating

50. What is the site of many reflexes?

C.) Inability to move a joint D.) Loss of distal pulse

## Caring for Muscle and Bone Injuries

From Brady	54 Questions	Edition)
1. How many bones are found p. 372	in each wrist?	
A.) 4 B.) 10 *C.) 8		

- 2. Which should NOT be done when treating a patient with a boot-top injury?
- p. 403

D.) 6

- A.) Apply a splint to the injured leg
- B.) Manually stabilize the injury
- \*C.) Apply snow to the injury site
- D.) Leave the leg in the position found
- 3. Which of the following is NOT a way to test the lower extremities for responsiveness? p. 415
  - \*A.) Foot grasp
  - B.) Foot push/pull
  - C.) Foot movement
  - D.) Toe touch
- 4. Which of the following is NOT a primary force that causes injuries to the extremities?
- p. 372
  - A.) Twisting
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  - C.) Direct
  - D.) Indirect

5. Where should padding be placed when splinting an arm with the elbow straight? p. 392 A.) Elbow B.) Shoulder C.) Wrist \*D.) Armpit 6. Which should NOT be done when assess an unresponsive patient you suspect has a spinal cord injury? p. 417 \*A.) Probe palms with sharp object B.) Pinch the hands and feet C.) Ask bystanders about the accident D.) Look and feel for deformities 7. How many people are usually needed to apply a splint with traction? p. 385 A.) Five \*B.) Two C.) Three D.) Four 8. What should be done to immobilize a lower extremity injury? p. 384 A.) Immobilize it above and below the injury \*B.) Secure the lower extremities to each other C.) Secure it to the torso D.) Wrap it in a pressure dressing 9. What can the Emergency Medical Responder use to care for

patients with suspected fractures to the pelvic girdle?

p. 399

A.) PASGB.) Air splint\*C.) Soft splintD.) Rigid splint

p. 419 A.) Three B.) Four *C.) Two D.) One
<ul> <li>11. What should you treat any injury caused by a strong force to the extremities?</li> <li>p. 375</li> <li>A.) Sprain</li> <li>B.) Dislocation</li> <li>C.) Strain</li> <li>*D.) Fracture</li> </ul>
12. What is often a key sign of injury to the upper arm bone? p. 394  *A.) Deformity B.) Protrusion C.) Bruising D.) Swelling
<ul> <li>13. What is caused by overexerting or tearing of a muscle?</li> <li>p. 375</li> <li>A.) Dislocation</li> <li>B.) Sprain</li> <li>C.) Fracture</li> <li>*D.) Strain</li> </ul>
<ul> <li>14. Where may the patient hold an injured arm?</li> <li>p. 378</li> <li>A.) Down at the side</li> <li>B.) Behind the back</li> <li>C.) Above the head</li> <li>*D.) Close to the body</li> </ul>

10. How many people should be used to remove a helmet?

- 15. Which of the following should NOT be done with wrist or hand injuries? p. 396
- - \*A.) Apply manual traction
    B.) Administer oxygen
    C.) Apply manual stabilization
    D.) Maintain the position of function

- 16. Which of the following may be a sign of a head injury and a spinal cord injury?
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  - \*A.) Paralysis to one side of the body
  - B.) Headache following the incident
  - C.) Altered mental status
  - D.) Unequal, unresponsive or dilated pupils
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  - A.) Just below the injury
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  - C.) To the interior of the injury
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- 18. Which type of splint should be used for injuries to the ankle or foot?
- p. 390
  - A.) Traction splint
  - B.) Air splint
  - \*C.) Soft splint
  - D.) Rigid splint
- 19. Where should the second rescuer place his hands when removing a helmet?
- p. 421
  - A.) At the angle of the jaw and under the chin
  - B.) At the angle of the jaw and along the neckline
  - \*C.) At the angle of the jaw and at the base of the skull
  - D.) At the angle of the jaw and over the face
- 20. What can result from pressure on nerves caused by swelling or broken bones?
- p. 378
  - \*A.) Numbness or tingling
  - B.) Sound of grating
  - C.) Inability to move a joint
  - D.) Loss of distal pulse

- 21. Which is fractured with the boot-top injury?
  p. 402
   \*A.) Tibia
   B.) Patella
   C.) Carpals
   D.) Femur
- 22. Which is a late sign of a head injury? p. 409
  - A.) CSF leakage
  - \*B.) Battle's sign
  - C.) Raccoon eyes
  - D.) Goose eggs
- 23. Which is an ideal situation when the patient is wearing a football helmet and shoulder pads and a spinal injury is suspected?
- p. 419
  - A.) Leave helmet on and remove shoulder pads
  - B.) Remove helmet and shoulder pads
  - C.) Remove helmet and leave shoulder pads on
  - \*D.) Leave helmet and shoulder pads on
- 24. Where should the rigid splint be on the patient's leg when splinting an injury to the foot or ankle? p. 404
  - A.) Below the knee to above the foot
  - B.) Above the knee to above the foot
  - C.) Below the knee to beyond the foot
  - \*D.) Above the knee to beyond the foot
- 25. Which of the following will provide some pain relief but are not as effective at immobilizing injuries to the upper leg?
- p. 401
  - A.) Hangar splint
  - \*B.) Soft splint
  - C.) Traction splint
  - D.) Rigid splint

- 26. What is the main reason for straightening closed deformed injuries?
- p. 385
  - A.) Minimize additional fractures
  - \*B.) Restore circulation
  - C.) Prevent soft tissue injury
  - D.) Minimize pain
- 27. How should the infant's head be held when you suspect head injuries?
- p. 405
  - A.) With your elbow
  - \*B.) With your entire hand
  - C.) With your fingertips
  - D.) With your forearms
- 28. Which of the following is NOT a sign of an open head injury?
- p. 408
  - A.) Clear or yellow fluid leaking from the nose
  - B.) Feel a crack in the skull
  - \*C.) Bleeding from the scalp
  - D.) Eyelids are swollen and shut
- 29. What is often times the only symptoms of most musculoskeletal injuries?
- p. 369
  - A.) Discoloration
  - \*B.) Pain
  - C.) Deformity
  - D.) Swelling
- 30. Which of the following should you be able to do for the spine injury patient before assistance arrives? p. 417
  - A.) Apply traction to the head and neck
    - B.) Move the patient to a spinal board
    - C.) Place an extrication collar on the patient
    - \*D.) Stabilize the head and neck

- 31. What should be immobilized when treating a patient with injuries to the fingers?
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  - A.) Only the injury site
  - B.) Joints above and below the injury site
  - C.) Joints below the injury site
  - \*D.) Joints above the injury site
- 32. What should be placed in the patient's hand to maintain a position of function when treating for a wrist injury? p. 396
  - A.) Pen or pencil
  - \*B.) Roll of dressing
  - C.) Fingers of the other hand
  - D.) End of the swathe
- 33. Which should be focused on last when caring for injuries? p. 379
  - A.) Provide care for shock
  - B.) Correct life-threatening injuries to the ABCs
  - \*C.) Focus on extremity injuries
  - D.) Check for neck and spine injuries
- 34. What is the last thing that should be done when caring for a patient with musculoskeletal injuries? p. 381
  - A.) Administer oxygen
  - B.) Apply a cold pack
  - C.) Cut away clothing
  - \*D.) Assess vital signs
- 35. Which is NOT a location that you should tie a cravat when immobilizing a pelvic injury with a blanket roll? p. 400
  - A.) At the ankles
  - \*B.) Around the waist
  - C.) Below the hips
  - D.) Below the knees

- 36. What are the bones that form the upright axis of the body? p. 370
  - \*A.) Axial skeleton
  - B.) Support skeleton
  - C.) Movement skeleton
  - D.) Appendicular skeleton
- 37. Which type of helmet provides head protection if it fits properly and is worn correctly?
  p. 420
  - A.) Full-size motorcycle helmet
  - \*B.) Youth's bicycle helmet
  - C.) Football helmet
  - D.) Horseback riding helmet
- 38. Where should you place yourself when manually stabilizing a patient's head and neck?
- p. 418
  - A.) At the patient's feet
  - \*B.) Top of the patient's head
  - C.) Side of the patient's head
  - D.) Across the patient's chest
- 39. Which should NOT be done before removing a helmet? p. 419
  - \*A.) Cut the chin strap
  - B.) Remove goggles
  - C.) Check the patient's breathing
  - D.) Remove the face piece
- 40. How many cravats should be prepared when applying a soft splint to the pelvic girdle injury patient? p. 399
  - A.) Two
  - B.) Six
  - \*C.) Four
  - D.) Eight

- 41. Which of the following is the only movable joint in the face? p. 405 A.) Orbit B.) Malar C.) Maxilla \*D.) Mandible
- 42. Which of the following is NOT protected by the lower ribs? p. 406
  - A.) Spleen
  - B.) Liver
  - C.) Gallbladder
  - \*D.) Heart
- 43. What does checking for sensation and motor function give you information about the status of in the injured extremity?
- p. 379
  - A.) The bones
  - \*B.) The nerves
  - C.) The muscles
  - D.) The blood vessels
- 44. Which of the following should you wait for more advanced care to arrive before doing when treating a pelvic injury? p. 399
  - A.) Administer oxygen
  - B.) Note the mechanism of injury
  - \*C.) Immobilizing the patient
  - D.) Maintain body temperature
- 45. What position should the elbow be immobilized in when treating an elbow injury?
- p. 395
  - A.) Position of function
  - B.) Position of comfort
  - C.) Position of usability
  - \*D.) Position it was found

46. What do injuries to the shoulder often produce? p. 393
*A.) Anterior dislocation B.) Superior dislocation C.) Proximal dislocation D.) Posterior dislocation
47. Which type of splint is more effective for injuries to the thigh? p. 390 A.) Rigid splint B.) Soft splint *C.) Traction splint D.) Air splint
48. Which type of splinting is preferred if the elbow is found in the straight position and cannot be placed in the natural flexed position?  p. 395  A.) Sling  *B.) Rigid C.) Body D.) Soft
49. What action is taken when performing manual traction while splinting an injured limb? p. 384      *A.) Pulling B.) Twisting C.) Pushing D.) Squeezing
50. Which will maintain traction after it is secured to the patient? p. 385 A.) Mobile splint *B.) Rigid splint C.) Flexible splint D.) Blanket splint

- 51. What material is the more commonly used inflatable splint made from?
- p. 388
  - A.) Metal
  - B.) Aluminum
  - C.) Paper
  - \*D.) Plastic
- 52. What should be done with the knee when a suspected dislocation is found?
- p. 401
  - A.) Straighten the leg to reduce swelling
  - \*B.) Splint it in the position it is found
  - C.) Tie a cravat strap to the injury
  - D.) Attempt to reduce the knee
- 53. Where will the injury site most often be when the patient is suffering from a fail chest?
- p. 426
  - A.) Front of the chest
  - \*B.) Side of the chest
  - C.) Back of the chest
  - D.) Bottom of the chest
- 54. Where will the blanket roll be placed when treating a patient for a fracture to the pelvic girdle? p. 399
  - A.) On top of the legs
  - B.) Lateral side of the legs
  - \*C.) Between the legs
  - D.) Under the legs

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54 Questions	
<ul> <li>1. What is caused by overexerting or tearing of a muscle?</li> <li>p. 375</li> <li>A.) Dislocation</li> <li>B.) Sprain</li> <li>C.) Fracture</li> <li>*D.) Strain</li> </ul>	

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  - \*A.) Apply manual traction
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  - D.) Maintain the position of function
- 5. Which is fractured with the boot-top injury?
- p. 402
  - \*A.) Tibia
  - B.) Patella
  - C.) Carpals
  - D.) Femur

- 6. Which injury is considered and managed last?
  p. 380

  \*A.) Lower leg
  B.) Thigh
  C.) Pelvis
  D.) Any extremity injury where there is no distal pulse
- 7. Which of the following may NOT be used when an air splint is in place?
- p. 389
  - A.) Skin color
  - \*B.) Distal pulse
  - C.) Capillary refill
  - D.) Sensation
- 8. What should be suspected if the patient fails all of the assessments for spinal cord injury?
- p. 415
  - A.) Severe spinal-cord injury in the thoracic spine
  - B.) Minor spinal-cord injury in the thoracic spine
  - \*C.) Severe spinal-cord injury in the neck
  - D.) Minor spinal-cord injury in the neck
- 9. What should you do when assessing deformity in the patient's extremities?
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  - A.) Ask the patient if it looks normal
  - \*B.) Compare it to the other side
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- 13. What should be used to assess circulation, motor function and sensation when splinting an injury? p. 384
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  - A.) Pen or pencil
  - \*B.) Roll of dressing
  - C.) Fingers of the other hand
  - D.) End of the swathe

- 16. Which describes the position of function that should be used when splinting for injuries to the upper extremities? p. 390
  - A.) Fingers greatly flexed and the wrist is cocked slightly downward
  - \*B.) Fingers slightly flexed and the wrist is cocked slightly upward
  - C.) Fingers greatly flexed and the wrist is cocked slightly upward
  - D.) Fingers slightly flexed and the wrist is cocked slightly downward
- 17. What should be done to immobilize a lower extremity injury?
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  - A.) Immobilize it above and below the injury
  - \*B.) Secure the lower extremities to each other
  - C.) Secure it to the torso
  - D.) Wrap it in a pressure dressing
- 18. How many people are usually needed to apply a splint with traction?
- p. 385
  - A.) Five
  - \*B.) Two
  - C.) Three
  - D.) Four
- 19. What condition must occur for you to resplint a patient's injury?
- p. 405
  - A.) Patient is in too much pain
  - \*B.) Distal pulse returns
  - C.) EMS has arrived on scene
  - D.) Leg is straight
- 20. Which part of the patient should be placed in a sling so it rests across the patient's chest when a rib fracture is present?
- p. 424
  - A.) Upper arm of the uninjured side
  - \*B.) Forearm of the injured side
  - C.) Forearm of the uninjured side
  - D.) Upper arm of the injured side

- 21. What will NOT make you suspect a facial injury?
  p. 410

  A.) Blood in the airway (nose or mouth)
  B.) Teeth that are loose or broken dentures
  C.) Swelling or discoloration of any part of the face
  \*D.) Any mechanism of injury that indicates the patient lost balance
- 22. What can the Emergency Medical Responder use to care for patients with suspected fractures to the pelvic girdle? p. 399
  - A.) PASG
  - B.) Air splint
  - \*C.) Soft splint
  - D.) Rigid splint
- 23. Which is a late sign of a head injury? p. 409
  - A.) CSF leakage
    - \*B.) Battle's sign
    - C.) Raccoon eyes
    - D.) Goose eggs
- 24. How many bones are in what is commonly called the spine? p. 405
  - A.) Twelve
  - B.) Six
  - C.) Nine
  - \*D.) Seven
- 25. What is the first priority when caring for skeletal injuries?
- p. 379
  - \*A.) Spine
  - B.) Skull
  - C.) Rib cage
  - D.) Pelvis

- 26. Where should you place yourself when manually stabilizing a patient's head and neck?
- p. 418
  - A.) At the patient's feet
  - \*B.) Top of the patient's head
  - C.) Side of the patient's head
  - D.) Across the patient's chest
- 27. What is a characteristic stance of the patient suffering a rib fracture?
- p. 424
  - A.) Lean away from the side of the injury with a hand pressed over the injury
  - B.) Lean away from the side of the injury with a hand pressed opposite the injury
  - C.) Lean toward the side of the injury with a hand pressed opposite the injury
  - \*D.) Lean toward the side of the injury with a hand pressed over the injury
- 28. What should you treat any injury caused by a strong force to the extremities?
- p. 375
  - A.) Sprain
  - B.) Dislocation
  - C.) Strain
  - \*D.) Fracture
- 29. When placing a patient who has a minor closed head injury into the recovery position, where should the hand be placed?
- p. 412
  - \*A.) Under the cheek
  - B.) Under the chest
  - C.) Over the face
  - D.) Over the head
- 30. What is an air splint typically used for? p. 388
  - A.) Upper leg injuries
    - \*B.) Arm injuries
    - C.) Neck injuries
    - D.) Chest injuries

- 31. Which of the following should NOT be done when treating for a cranium injury?
- p. 411
  - A.) Control bleeding
  - B.) Use the jaw-thrust maneuver
  - \*C.) Stop the flow of CSF from the ears
  - D.) Provide with 100% oxygen
- 32. Which should NOT be done when assess an unresponsive patient you suspect has a spinal cord injury? p. 417
  - \*A.) Probe palms with sharp object
  - B.) Pinch the hands and feet
  - C.) Ask bystanders about the accident
  - D.) Look and feel for deformities
- 33. How should the infant's head be held when you suspect head injuries?
- p. 405
  - A.) With your elbow
  - \*B.) With your entire hand
  - C.) With your fingertips
  - D.) With your forearms
- 34. Which of the following is the only movable joint in the face?
- p. 405
  - A.) Orbit
  - B.) Malar
  - C.) Maxilla
  - \*D.) Mandible
- 35. How will the patient present when a posterior hip dislocation has occurred?
- p. 400
  - A.) Leg rotated outward and the knee is usually straight
  - B.) Leg rotated outward and the knee is usually bent
  - C.) Leg rotated inward and the knee is usually straight
  - \*D.) Leg rotated inward and the knee is usually bent

- 36. Which of the following should you wait for more advanced care to arrive before doing when treating a pelvic injury? p. 399
  - A.) Administer oxygen
  - B.) Note the mechanism of injury
  - \*C.) Immobilizing the patient
  - D.) Maintain body temperature
- 37. What is the main reason for straightening closed deformed injuries?
- p. 385
  - A.) Minimize additional fractures
  - \*B.) Restore circulation
  - C.) Prevent soft tissue injury
  - D.) Minimize pain
- 38. What must be open for an open head injury to exist?
- p. 375
  - A.) Scalp
  - B.) Skin
  - \*C.) Cranium
  - D.) Dura
- 39. Where will the blanket roll be placed when treating a patient for a fracture to the pelvic girdle? p. 399
  - A.) On top of the legs
  - B.) Lateral side of the legs
  - \*C.) Between the legs
  - D.) Under the legs
- 40. What should be done with unpadded splints before applying them?
- p. 384
  - \*A.) Wrap them in dressings
  - B.) Add an ice pack
  - C.) Remove the bandages
  - D.) Add a padding

41. How far above the elbow should the patient's hand be when a sling is applied properly?
p. 386 A.) Two inches (5 cm) *B.) Four inches (10 cm) C.) Five inches (13 cm) D.) Three inches (8 cm)
42. How many bones are found in each wrist? p. 372 A.) 4 B.) 10 *C.) 8 D.) 6
43. What material is the more commonly used inflatable splint made from? p. 388 A.) Metal B.) Aluminum C.) Paper *D.) Plastic
<ul> <li>44. What is often times the only symptoms of most musculoskeletal injuries?</li> <li>p. 369 <ul> <li>A.) Discoloration</li> <li>*B.) Pain</li> <li>C.) Deformity</li> <li>D.) Swelling</li> </ul> </li> </ul>
45. Which should NOT be done when treating a patient with a boot-top injury? p. 403  A.) Apply a splint to the injured leg B.) Manually stabilize the injury  *C.) Apply snow to the injury site D.) Leave the leg in the position found

- 46. Where will the second rescuer be when removing an helmet?
  p. 421

  A.) Above the patient's head
  \*B.) On the side at the patient's shoulders
  C.) At the patient's feet
  D.) On the side at the patient's waist
- 47. What should you do if you find an avulsed tooth in the patient's mouth?
- p. 413
  - A.) Wrap it in place
  - B.) Leave it where it is
  - C.) Push it back in place
  - \*D.) Remove it from the mouth
- 48. What is immobilizing an injury using a device such as a piece of wood?
- p. 381
  - A.) Chaffing
  - B.) Casting
  - \*C.) Splinting
  - D.) Slinging
- 49. Which will maintain traction after it is secured to the patient?
- p. 385
  - A.) Mobile splint
  - \*B.) Rigid splint
  - C.) Flexible splint
  - D.) Blanket splint
- 50. Which type of splint is more effective for injuries to the thigh?
- p. 390
  - A.) Rigid splint
  - B.) Soft splint
  - \*C.) Traction splint
  - D.) Air splint

- 51. Which should NOT be done before removing a helmet? p. 419
  - \*A.) Cut the chin strap
  - B.) Remove goggles
  - C.) Check the patient's breathing
  - D.) Remove the face piece
- 52. What connects the bottom two ribs?
- p. 406
  - A.) Bone
  - \*B.) Muscle
  - C.) Cartilage
  - D.) Tendon
- 53. Which is a commonly used soft splint that is good for upper and lower extremities?
- p. 386
  - A.) Pillow and cravat
  - B.) Blanket
  - C.) Sling and swathe
  - \*D.) Triangular bandage
- 54. What should be immobilized when treating a patient with injuries to the fingers?
- p. 397
  - A.) Only the injury site
  - B.) Joints above and below the injury site
  - C.) Joints below the injury site
  - \*D.) Joints above the injury site