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QUIZ: Orthopedic Cervical Spine

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All questions must be answered in order to receive credit.

Questions: Orthopedic Cervical Spine

1. Which of the following is NOT a function of the spine?
 - A. The column provides support for the head and internal organs.
 - B. Provides a stable base for the attachment of ligaments, bones and muscles.
 - C. Protects the spinal cord.
 - D. The spine is a rigid structure for protection.

2. How many bones make up the spine?
 - A. 36
 - B. 46
 - C. 33
 - D. 34
 - E. 40

3. Which of the following is NOT a region of the spine?
 - A. Occiput
 - B. Cervical
 - C. Thoracic
 - D. Lumbar
 - E. Coccygeal

4. True or False: The size of the vertebrae decrease in size from the cervical to the lumbar region.
 - A. True
 - B. False

5. How many vertebrae are in the cervical spine?
 - A. 5
 - B. 6
 - C. 7
 - D. 8
 - E. 12

6. True or False: The cervical spine curve is a primary curve.
 - A. True
 - B. False

7. True or False: The cervical spine curvature is a kyphotic curve.
- A. True
 - B. False
8. True or False: The cervical curve develops when the child begins to stand and walk.
- A. True
 - B. False
9. The typical vertebra has which of the following?
- A. Two spinous process and one transverse processes.
 - B. A vertebral body and the vertebral arch.
 - C. Three articulating facets and four processes.
 - D. One laminae and a spinous process.
10. True or False: The intervertebral discs of the spine make up to 20 to 30 percent of the vertebral column length.
- A. True
 - B. False
11. True or False: The intervertebral disc height increases from the cervical to the lumbar spine.
- A. True
 - B. False
12. True or False: As a person ages, the percentage of water in the nucleus pulposus increases due to demand on the body.
- A. True
 - B. False
13. Which of the following is an action of the Levator Scapulae Muscle?
- A. Elevates the scapula and assists in rotation.
 - B. Elevates the first rib and flexes and rotates the cervical spine.
 - C. Extends the neck and head.
 - D. Tilts the head to one side and rotates it.
 - E. Anterior rotation of the pelvis

14. Which two cervical spine muscles impinge on the subclavian artery?
- A. Trapezius and SCM
 - B. Posterior and Middle Scalenus Muscles
 - C. SCM and the Anterior Scalenus Muscles
 - D. Middle and Posterior Scalenus Muscles
 - E. Middle and Anterior Scalenus Muscles
15. How many ranges of motion does the cervical spine have?
- A. 4
 - B. 5
 - C. 6
 - D. 8
 - E. 10
16. Which of the following orthopedic maneuvers closes the intervertebral foramina on the side of the flexion?
- A. Spurling's Test
 - B. Distraction Test
 - C. Rust's Sign
 - D. Foraminal Compression Test
 - E. Shoulder Depression Test
17. Which of the following orthopedic maneuvers indicates adhesions of the dural sleeves, spinal nerve roots or adjacent structures?
- A. Spurling's Test
 - B. Distraction Test
 - C. Rust's Sign
 - D. Foraminal Compression Test
 - E. Shoulder Depression Test
18. Which of the following orthopedic maneuvers indicate foraminal encroachment without nerve root pressure?
- A. Spurling's Test
 - B. Distraction Test
 - C. Rust's Sign
 - D. Foraminal Compression Test
 - E. Shoulder Depression Test

19. Which of the following orthopedic maneuvers indicates severe sprain, arthritis, fracture or severe cervical subluxation?
- A. Spurling's Test
 - B. Distraction Test
 - C. Rust's Sign
 - D. Foraminal Compression Test
 - E. Shoulder Depression Test
20. Which of the following orthopedic maneuvers, when performed, can be positive for increased pain or reduction of pain?
- A. Spurling's Test
 - B. Distraction Test
 - C. Rust's Sign
 - D. Foraminal Compression Test
 - E. Shoulder Depression Test