

Skull and Vertebrae Concepts

1. What is the purpose of sinuses?
2. What are the problems with sinuses?
3. What is the purpose of turbinates?
4. When/why does cervical curvature develop?
5. When/why does thoracic curvature develop?
6. When/why does lumbar curvature develop?
7. Lateral curvature is called:
8. "hunchback" is called:
9. "swayback" is called:
10. Causes of lordosis:
11. Causes of kyphosis:
12. Number of vertebrae:
13. Number of cervical vertebrae:
14. Number of thoracic vertebrae:
15. Number of lumbar vertebrae:
16. All cervical vertebrae have:
17. All thoracic vertebrae have:

Answers:

Skull and Vertebrae Concepts

1. What is the purpose of sinuses?
To lighten the skull
2. What are the problems with sinuses?
They can collect thick mucus and develop infections; these can cause painful pressure
3. What is the purpose of turbinates?
Increase the surface area for air coming into the body—cleans it, warms it, humidifies it
4. When/why does cervical curvature develop?
~3 months, baby holds its head up
5. When/why does thoracic curvature develop?
~6 months, baby sits up
6. When/why does lumbar curvature develop?
~12 months, baby walks
7. Lateral curvature is called:
Scoliosis
8. "hunchback" is called:
Kyphosis
9. "swayback" is called:
Lordosis
10. Causes of lordosis:
pregnancy and "potbelly" require a shifting of center of gravity
11. Causes of kyphosis:
hunching shoulders or osteoporosis (which causes degeneration of cervical vertebrae)
12. Number of vertebrae:
26
13. Number of cervical vertebrae:
7
14. Number of thoracic vertebrae:
12
15. Number of lumbar vertebrae:
5
16. All cervical vertebrae have:
transverse foramen for passage of vertebral arteries
17. All thoracic vertebrae have:
costal and transverse costal facets for rib attachment