

Sphenoid Bone Quiz PDF

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The optic canal is found in which part of the sphenoid bone?

- Greater wings
- Lesser wings
- Pterygoid processes
- Body

Which part of the sphenoid bone contains the sphenoidal sinuses?

- Greater wings
- Lesser wings
- Body
- Pterygoid processes

What are potential complications of sphenoid bone fractures? (Select all that apply)

- Vision problems
- Hearing loss
- Damage to the optic nerve
- Sinusitis

Which of the following are foramina found in the sphenoid bone? (Select all that apply)

- Foramen ovale
- Foramen magnum
- Foramen spinosum
- Foramen rotundum

Which bone does the sphenoid NOT articulate with?

- Frontal
- Parietal

- Mandible
- Temporal

Which foramen transmits the maxillary nerve?

- Foramen ovale
- Foramen rotundum
- Foramen spinosum
- Superior orbital fissure

Which cranial nerve passes through the superior orbital fissure?

- Optic nerve
- Olfactory nerve
- Trigeminal nerve
- Facial nerve

What is the primary function of the sphenoidal sinuses?

- Produce red blood cells
- Lighten the weight of the skull
- Store calcium
- Protect the brain

What shape is the sphenoid bone often compared to?

- Cube
- Butterfly
- Sphere
- Pyramid

Which bones articulate with the sphenoid bone? (Select all that apply)

- Ethmoid
- Occipital
- Mandible
- Zygomatic

The sphenoid bone contributes to which of the following? (Select all that apply)

- Floor of the middle cranial fossa
- Roof of the nasal cavity
- Floor of the anterior cranial fossa
- Formation of the orbit

Which cranial nerves pass through the superior orbital fissure? (Select all that apply)

- III (Oculomotor)
- IV (Trochlear)
- V1 (Ophthalmic branch of Trigeminal)
- VII (Facial)

Where is the sphenoid bone located in the human body?

- In the arm
- At the base of the skull
- In the leg
- In the rib cage

Which structures are part of the sphenoid bone? (Select all that apply)

- Greater wings
- Lesser wings
- Pterygoid processes
- Mastoid process