

BONY OPENINGS IN THE SKULL AND THEIR ASSOCIATED NERVES AND BLOOD VESSELS

Bony Opening	Location	Nerves and Blood Vessels
Carotid canal	Temporal bone	Internal carotid artery
Cribriform plate with foramina	Ethmoid bone	Olfactory nerves
External acoustic meatus	Temporal bone	Opening to tympanic cavity
Foramen lacerum	Sphenoid, occipital, and temporal bones	Cartilage
Foramen magnum	Occipital bone	Spinal cord, vertebral arteries, and eleventh cranial nerve
Foramen ovale	Sphenoid bone	Mandibular division of the fifth cranial nerve
Foramen rotundum	Sphenoid bone	Fifth cranial nerve
Foramen spinosum	Sphenoid bone	Middle meningeal artery
Greater palatine foramen	Palatine bone	Greater palatine nerve and vessels
Hypoglossal canal	Occipital bone	Twelfth cranial nerve
Incisive foramen	Maxilla	Nasopalatine nerve and branches of the sphenopalatine artery