

Arteries of the Head & Neck	Tissues Supplied
External Carotid	
Superior Thyroid	neck, larynx, thyroid gland
Lingual	tongue, mouth, submandibular gland, sublingual gland
Facial	mouth, pharynx, face
Occipital	posterior head & neck, meninges around posterior brain
Posterior auricular	middle & inner ear, head, neck
Ascending pharyngeal	deep neck muscles, middle ear, pharynx, soft palate, meninges around posterior brain
Superficial temporal	temple, face, anterior ear
Maxillary	middle & inner ear, meninges, lower jaw & teeth, upper jaw & teeth, temple, external eye structures, face, palate, nose
Internal Carotid	
Posterior communicating	joins the posterior cerebral artery
Anterior cerebral	anterior portions of the cerebrum; forms the anterior communicating arteries
Middle cerebral	most of the lateral surface of the cerebrum
Vertebral	
<i>(formed by subclavian arteries)</i>	
Anterior spinal	anterior spinal cord
Posterior inferior cerebellar	cerebellum and fourth ventricle
Basilar	
Anterior inferior cerebellar	cerebellum
Superior cerebellar	cerebellum & midbrain
Posterior cerebral	posterior portions of the cerebrum
Arteries of Thoracic & Abdominal Aorta	Tissues Supplied
Thoracic Aorta	
<i>Visceral Branches</i>	
Bronchial	lung tissue
Esophageal	esophagus
<i>Parietal Branches</i>	
Intercostal	thoracic wall

Superior phrenic	superior surface of diaphragm
Abdominal Aorta	
<i>Visceral Branches - Unpaired</i>	
Celiac trunk	
**** Left gastric	stomach & esophagus
**** Common hepatic	
***** Gastroduodenal	stomach & duodenum
***** Right gastric	stomach
***** Hepatic	liver
Splenic	spleen & pancreas
**** Left gastroepiploic	stomach
Superior mesenteric	pancreas, small intestine, colon
Inferior mesenteric	descending colon & rectum
<i>Visceral Branches - Paired</i>	
Suprarenal	adrenal gland
Renal	kidney
Gonadal	
**** Testicular	testis & ureter
**** Ovarian	ovary, ureter, uterine tube
<i>Parietal Branches</i>	
Inferior phrenic	adrenal gland & inferior surface of diaphragm
Lumbar	lumber vertebrae & back muscles
Median sacral	inferior vertebrae
Common iliac	
**** External iliac	lower limb
**** Internal iliac	lower back, hip, pelvis, urinary bladder, vagina, uterus, rectum, external genitalia
Arteries of the Pelvis	Tissues Supplied
Internal iliac	
<i>Visceral Branches</i>	
Middle rectal	rectum
Vaginal	vagina & uterus
Uterine	uterus, vagina, uterine tube, ovary

<i>Parietal Branches</i>	
Lateral sacral	sacrum
Superior gluteal	muscles of the gluteal region
Obturator	pubic region, deep groin muscles, hip joint
Internal pudendal	rectum, external genitalia, floor of pelvis
Inferior gluteal	inferior gluteal region, coccyx, proximal thigh
Arteries of the Upper Limbs	Tissues Supplied
Subclavian <i>(right side originates @ Brachiocephalic)</i>	
Vertebral	spinal cord & cerebellum form the basilar artery
Internal thoracic	diaphragm, mediastinum, pericardium, anterior thoracic wall, anterior abdominal wall
Thyrocervical trunk	inferior neck & shoulder
Axillary <i>(continuation of subclavian)</i>	
Thoracoacromial	pectoral region & shoulder
Lateral thoracic	pectoral muscles, mammary gland, axilla
Subscapular	scapular muscles
Brachial <i>(continuation of axillary)</i>	
Deep brachial	arm & humerus
Radial	forearm
***** Deep palmar arch	hands & fingers
***** Digital arteries	fingers
Ulnar	forearm
***** Superficial palmar arch	hands & fingers
***** Digital arteries	fingers
Arteries of the Lower Limbs	Tissues Supplied
Femoral	thigh, external genitalia, anterior abdominal wall
Deep Femoral	thigh, knee, femur

Popliteal	
(continuation of femoral artery)	
Posterior tibial	knee & leg
***** Fibular	calf, peroneal muscles, ankle
***** Medial plantar	plantar region of foot
***** Digital arteries	digits of foot
***** Lateral plantar	plantar region of foot
***** Digital arteries	digits of foot
Anterior tibial	knee & leg
***** Dorsalis pedis	dorsum of foot
***** Digital arteries	digits of foot
Venous Sinuses	Venous Sinuses
Internal Jugular Vein	
Sigmoid sinus	
***** Superior and inferior petrosal sinuses	anterior portion of cranial cavity
Cavernous sinus	
***** Ophthalmic veins	orbit
Transverse sinus	
***** Occipital sinus	central floor of posterior fossa of skull
Superior sagittal sinus	superior portion of cranial cavity & brain
Straight sinus	
***** Inferior sagittal sinus	deep portion of longitudinal fissure
Veins of the Head & Neck	Tissues Drained
Brachiocephalic	
Internal jugular	brain
***** Lingual	tongue & mouth
***** Superior thyroid	thyroid & deep posterior face structures

***** Facial	superficial & anterior facial structures
External jugular	superficial surface of posterior head & neck
Veins of the Thorax	Tissues Drained
Superior vena cava	
Brachiocephalic	
Azygos	right side, posterior thoracic wall, posterior abdominal wall; esophagus, bronchi, pericardium, mediastinum
***** Hemiazygos	left side, inferior posterior thoracic wall, posterior abdominal wall; esophagus & mediastinum
***** Accessory hemiazygos	left side & superior posterior thoracic wall
Veins of the Abdomen & Pelvis	Tissues Drained
Inferior vena cava	
Hepatic veins	liver
Common iliac	
***** External iliac	lower limb
***** Internal iliac	pelvis & its viscera
Ascending lumbar	posterior abdominal wall
Renal	kidney
Suprarenal	adrenal gland
Gonadal	
***** Testicular	testis
***** Ovarian	ovary
Phrenic	diaphragm
Hepatic Portal System	Tissues Drained
Superior mesentric	small intestine & most of the colon
Splenic	spleen
***** Inferior mesentric	descending colon & rectum

**** Pancreatic	pancreas
**** Gastrointestinal	stomach
Gastric	stomach
Cystic	gallbladder
Veins of the Upper Limbs	Tissues Drained
Subclavian (continuation of axillary vein)	
Axillary (continuation of basilic vein)	
Cephalic	lateral arm, forearm, hand
Brachial	deep structures of the arm
**** Radial	deep forearm
**** Ulnar	deep forearm
Basilic	medial arm, forearm, hand
Median cubital	connects basilic & cephalic veins
Deep & Superficial palmar venous arches	drain into superficial & deep veins of the forearm
Digital	fingers
Veins of the Lower Limbs	Tissues Drained
External iliac (continuation of femoral vein)	
Femoral (continuation of popliteal vein)	thigh
Popliteal	
**** Anterior tibial	deep anterior leg
***** Dorsal vein of foot	dorsum of foot
**** Posterior tibial	deep posterior leg
***** Plantar veins	plantar region of foot
**** Fibular	deep lateral leg & foot
**** Small saphenous	superficial posterior leg & lateral side of foot

Great saphenous	superficial anterior & medial leg, thigh, dorsum of foot
**** Dorsal vein of foot	dorsum of foot
***** Dorsal venous arch	foot
***** Digital veins	toes