

Rules and Exceptions in the Head and Neck. Part 2

OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	

OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	Proprioception for head which has its cell bodies in mesencephalic part of trigeminal nucleus in brain stem
OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	Proprioception for head which has its cell bodies in mesencephalic part of trigeminal nucleus in brain stem
All posterior rami of somatic nerves reach & supply skin	

OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	Proprioception for head which has its cell bodies in mesencephalic part of trigeminal nucleus in brain stem
All posterior rami of somatic nerves reach & supply skin	C1, L1, S1 do not reach skin
OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	Proprioception for head which has its cell bodies in mesencephalic part of trigeminal nucleus in brain stem
All posterior rami of somatic nerves reach & supply skin	C1, L1, S1 do not reach skin
All nerves leave their intervertebral foramina below same named vertebral body	

OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	Proprioception for head which has its cell bodies in mesencephalic part of trigeminal nucleus in brain stem
All posterior rami of somatic nerves reach & supply skin	C1, L1, S1 do not reach skin
All nerves leave their intervertebral foramina below same named vertebral body	Upper 7 cervical nerves which exit above their same named bodies. C8 exits below C7 vertebra
OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	Proprioception for head which has its cell bodies in mesencephalic part of trigeminal nucleus in brain stem
All posterior rami of somatic nerves reach & supply skin	C1, L1, S1 do not reach skin
All nerves leave their intervertebral foramina below same named vertebral body	Upper 7 cervical nerves which exit above their same named bodies. C8 exits below C7 vertebra
All somatic cervical nerves emerge posterolateral to vertebral artery	

OTHER NERVES:	EXCEPT
All sensory cell bodies for sensory nerves lie outside the central nervous system	Proprioception for head which has its cell bodies in mesencephalic part of trigeminal nucleus in brain stem
All posterior rami of somatic nerves reach & supply skin	C1, L1, S1 do not reach skin
All nerves leave their intervertebral foramina below same named vertebral body	Upper 7 cervical nerves which exit above their same named bodies. C8 exits below C7 vertebra
All somatic cervical nerves emerge posterolateral to vertebral artery	Anterior ramus of C1 nerve which passes vertebral artery anteromedially
MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	

MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve

MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	

MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	Lateral pterygoid which opens it
MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	Lateral pterygoid which opens it
All muscles of mastication are supplied by mandibular division of trigeminal nerve	

MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	Lateral pterygoid which opens it
All muscles of mastication are supplied by mandibular division of trigeminal nerve	Buccinator which is supplied by facial nerve
MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	Lateral pterygoid which opens it
All muscles of mastication are supplied by mandibular division of trigeminal nerve	Buccinator which is supplied by facial nerve
All muscles of facial expression (including buccinator) are supplied by facial nerve	



MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	Lateral pterygoid which opens it
All muscles of mastication are supplied by mandibular division of trigeminal nerve	Buccinator which is supplied by facial nerve
All muscles of facial expression (including buccinator) are supplied by facial nerve	Levator palpebrae superioris which is supplied by oculomotor (III) nerve & sympathetics
MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	Lateral pterygoid which opens it
All muscles of mastication are supplied by mandibular division of trigeminal nerve	Buccinator which is supplied by facial nerve
All muscles of facial expression (including buccinator) are supplied by facial nerve	Levator palpebrae superioris which is supplied by oculomotor (III) nerve & sympathetics
VEINS:	EXCEPT
All veins draining thyroid gland enter internal jugular vein	

MUSCLES:	EXCEPT
All strap muscles are supplied by ansa cervicalis	Thyrohyoid which is supplied by C1 fibres carried on hypoglossal nerve
All muscles of mastication close jaw	Lateral pterygoid which opens it
All muscles of mastication are supplied by mandibular division of trigeminal nerve	Buccinator which is supplied by facial nerve
All muscles of facial expression (including buccinator) are supplied by facial nerve	Levator palpebrae superioris which is supplied by oculomotor (III) nerve & sympathetics
VEINS:	EXCEPT
All veins draining thyroid gland enter internal jugular vein	Inferior thyroid veins enter left brachiocephalic vein
AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	

AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	Ciliary ganglion in the orbit which supplies eye with accommodation & pupillary constriction only
AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	Ciliary ganglion in the orbit which supplies eye with accommodation & pupillary constriction only
All postganglionic parasympathetic fibres are carried from their ganglion to their destination by branches of trigeminal nerve (V) which join at a parasympathetic ganglion	

AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	Ciliary ganglion in the orbit which supplies eye with accommodation & pupillary constriction only
All postganglionic parasympathetic fibres are carried from their ganglion to their destination by branches of trigeminal nerve (V) which join at a parasympathetic ganglion	In the case of submandibular ganglion preganglionic parasympathetic fibres (in chorda tympani) are also carried TO ganglion by a branch of V (lingual nerve)
AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	Ciliary ganglion in the orbit which supplies eye with accommodation & pupillary constriction only
All postganglionic parasympathetic fibres are carried from their ganglion to their destination by branches of trigeminal nerve (V) which join at a parasympathetic ganglion	In the case of submandibular ganglion preganglionic parasympathetic fibres (in chorda tympani) are also carried TO ganglion by a branch of V (lingual nerve)
All sympathetic preganglionic fibres synapse before leaving sympathetic chain	

AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	Ciliary ganglion in the orbit which supplies eye with accommodation & pupillary constriction only
All postganglionic parasympathetic fibres are carried from their ganglion to their destination by branches of trigeminal nerve (V) which join at a parasympathetic ganglion	In the case of submandibular ganglion preganglionic parasympathetic fibres (in chorda tympani) are also carried TO ganglion by a branch of V (lingual nerve)
All sympathetic preganglionic fibres synapse before leaving sympathetic chain	Unless they are destined to supply abdominal contents or, specifically, adrenal gland

AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	Ciliary ganglion in the orbit which supplies eye with accommodation & pupillary constriction only
All postganglionic parasympathetic fibres are carried from their ganglion to their destination by branches of trigeminal nerve (V) which join at a parasympathetic ganglion	In the case of submandibular ganglion preganglionic parasympathetic fibres (in chorda tympani) are also carried TO ganglion by a branch of V (lingual nerve)
All sympathetic preganglionic fibres synapse before leaving sympathetic chain	Unless they are destined to supply abdominal contents or, specifically, adrenal gland
Sympathetic fibres that pass through four parasympathetic ganglion in head are carried by internal carotid artery or its branches	

AUTONOMICS:	EXCEPT
Four parasympathetic ganglia in head supply salivary or mucous glands	Ciliary ganglion in the orbit which supplies eye with accommodation & pupillary constriction only
All postganglionic parasympathetic fibres are carried from their ganglion to their destination by branches of trigeminal nerve (V) which join at a parasympathetic ganglion	In the case of submandibular ganglion preganglionic parasympathetic fibres (in chorda tympani) are also carried TO ganglion by a branch of V (lingual nerve)
All sympathetic preganglionic fibres synapse before leaving sympathetic chain	Unless they are destined to supply abdominal contents or, specifically, adrenal gland
Sympathetic fibres that pass through four parasympathetic ganglion in head are carried by internal carotid artery or its branches	Sympathetic fibres in submandibular & otic ganglia leave facial & middle meningeal arteries respectively
SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	

SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	Posterior ethmoidal which opens into superior meatus
SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	Posterior ethmoidal which opens into superior meatus
All paranasal air sinuses are present at birth	

SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	Posterior ethmoidal which opens into superior meatus
All paranasal air sinuses are present at birth	Frontal which appears at approximately age of 2 years
SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	Posterior ethmoidal which opens into superior meatus
All paranasal air sinuses are present at birth	Frontal which appears at approximately age of 2 years
SKULL FORAMINA:	EXCEPT
All important foramina seen leaving or entering base of skull from inside, lie on an oval which passes through foramen magnum & lesser wings of sphenoid	



SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	Posterior ethmoidal which opens into superior meatus
All paranasal air sinuses are present at birth	Frontal which appears at approximately age of 2 years
SKULL FORAMINA:	EXCEPT
All important foramina seen leaving or entering base of skull from inside, lie on an oval which passes through foramen magnum & lesser wings of sphenoid	Cribriform plate of ethmoid, foramen lacerum & foramen caecum which do not lie on this oval
SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	Posterior ethmoidal which opens into superior meatus
All paranasal air sinuses are present at birth	Frontal which appears at approximately age of 2 years
SKULL FORAMINA:	EXCEPT
All important foramina seen leaving or entering base of skull from inside, lie on an oval which passes through foramen magnum & lesser wings of sphenoid	Cribriform plate of ethmoid, foramen lacerum & foramen caecum which do not lie on this oval
PHARYNGEAL ARCHES:	EXCEPT
All branchial arches give rise to several muscles	

SINUSES:	EXCEPT
All ethmoid sinuses open into middle meatus of nose	Posterior ethmoidal which opens into superior meatus
All paranasal air sinuses are present at birth	Frontal which appears at approximately age of 2 years
SKULL FORAMINA:	EXCEPT
All important foramina seen leaving or entering base of skull from inside, lie on an oval which passes through foramen magnum & lesser wings of sphenoid	Cribriform plate of ethmoid, foramen lacerum & foramen caecum which do not lie on this oval
PHARYNGEAL ARCHES:	EXCEPT
All branchial arches give rise to several muscles	Third arch which has a single muscle - stylopharyngeus