

Mid Brain (3,4)

Oculomotor

Edinger Westphal

Trochlear

mid Brain
+
upper part of pons
mesencephalic
nucleus

main sensory
nucleus

pons (5,6,7,8)

Abducent

Facial

superior
salivatory

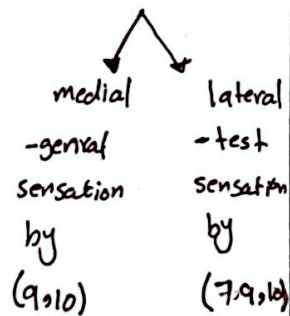
Trigeminal

solitary nucleus
and

spinal

trigeminal
nucleus

tract



Hypoglossal

Medulla (9,10,11,12)

Nucleus
ambiguus
(9,10,11)

- inferior
salivatory

- Dorsal
nucleus of
(10) vagus

Carry general
sensation
from muscles
and joint

(General somatic)
afferent

GSA

Carry general
sensation
from
viscera
and
special
sens of
smell and
taste

(General and special
visceral
afferent)

GVA, SVA

Supply S.M
developed from
myotomes
(extraocular and)
tongue

(General somatic)
efferent

GSE

Supply
muscles
developed
from
pharyngeal
arches

(special
visceral)
efferent

SVE

Supply
visceral
muscles
and
gland

(General
visceral)
efferent

GVE