

PHARYNGEAL APPARATUS 1

01

MANDIBULAR ARCH

V CN

SKELETAL COMPONENT:

arise from (Meckel's cartilage)
 incus, malleus
 ant. lig. of malleus
 sphenomandibular lig.
 Mandible, maxilla,
 zygomatic bone , temporal bone

MUSCULAR COMPONENT

medial pterygoid, lateral pterygoid
 masseter, temporalis
 tensor palate & tympani
 mylohyoid & ant. belly of digastric

02

HAYOID ARCH

VII CN

MUSCULAR COMPONENT

occipito frontalis
 muscle of face
 stapedius
 stylohyoid
 post. belly of digastric
 platysma

SKELETAL COMPONENT:

RICHERT'S CARTILAGE

stapes
 styloid process
 stylohyoid lig
 lesser horn & upper part of body of hyoid

03

IX CN

SKELETAL COMPONENT:

greater horn & lower part of body of hyoid bone

MUSCULAR COMPONENT :-

stylopharyngeus

SKELETAL COMPONENT:

cartilage of larynx except epiglottis

MUSCULAR COMPONENT OF THE 4TH ARCH

cricothyroid muscle of larynx
 constrictor muscles of pharynx

MUSCULAR COMPONENTS OF 6TH PHARYNGEAL ARCH

All muscles of larynx except cricothyroid

04 & 06

SUP.LARYNGEAL X N

RECURRENT.LARYNGEAL X N

