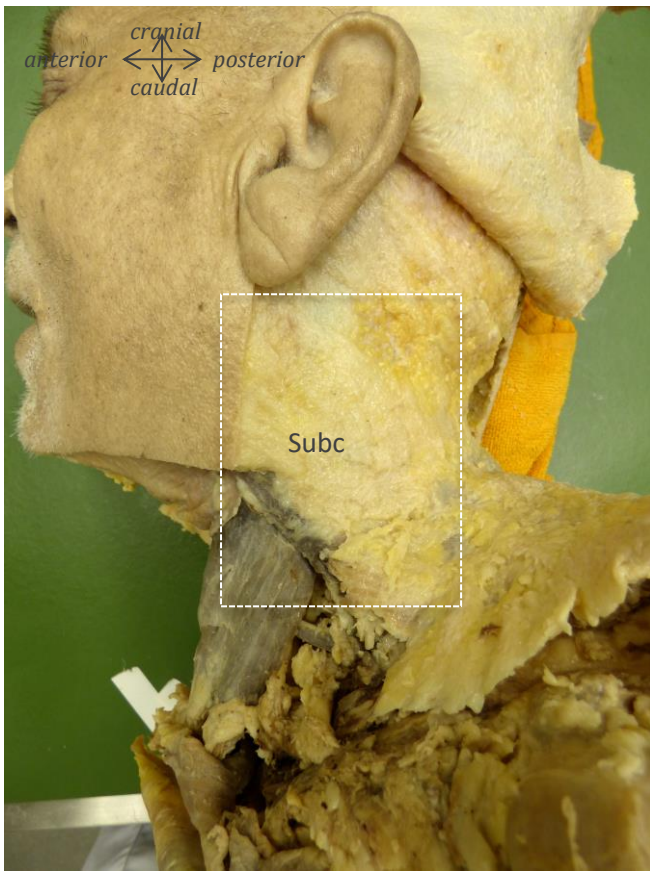
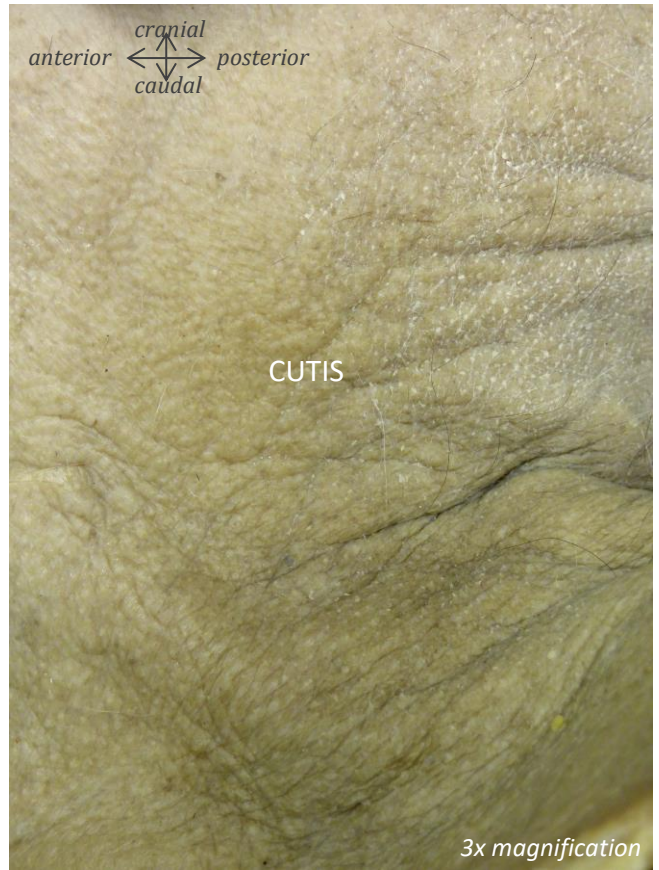
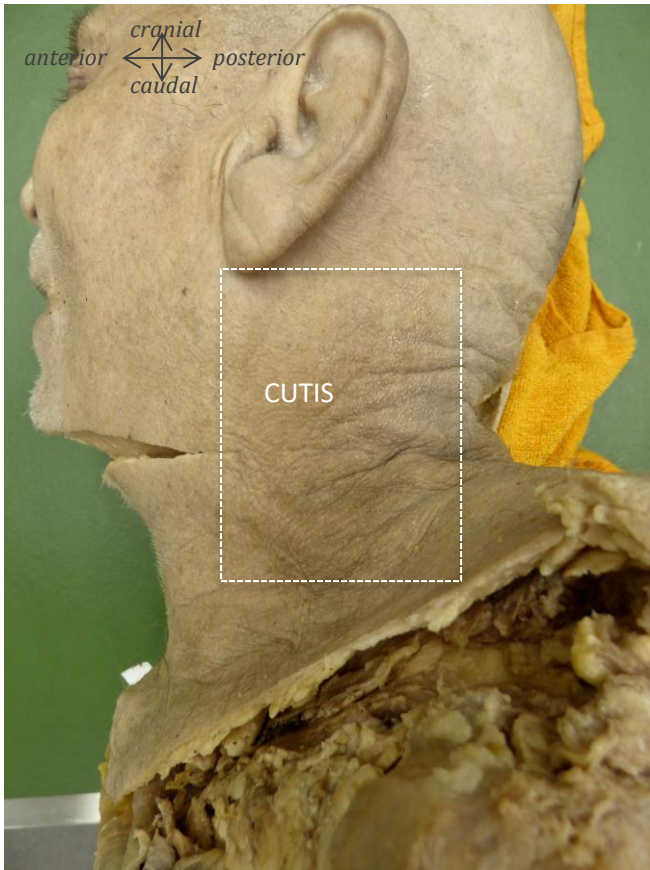


A dorsolateral dissection of the cervical neck

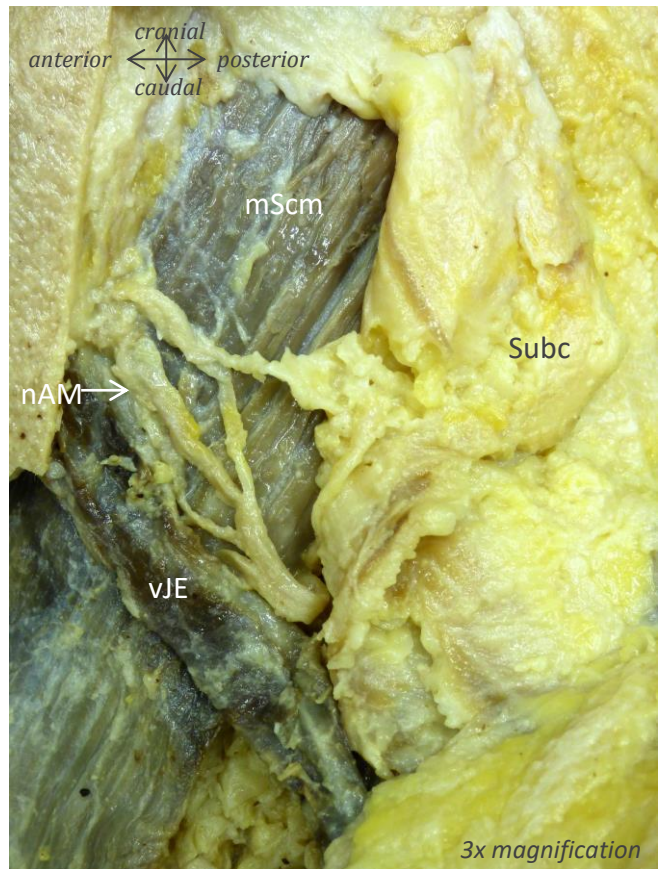
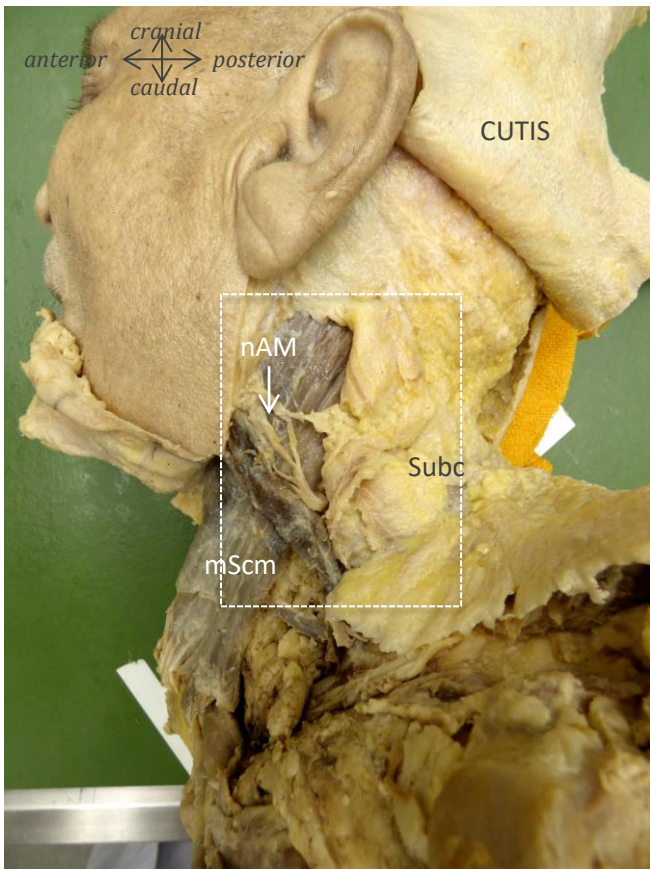
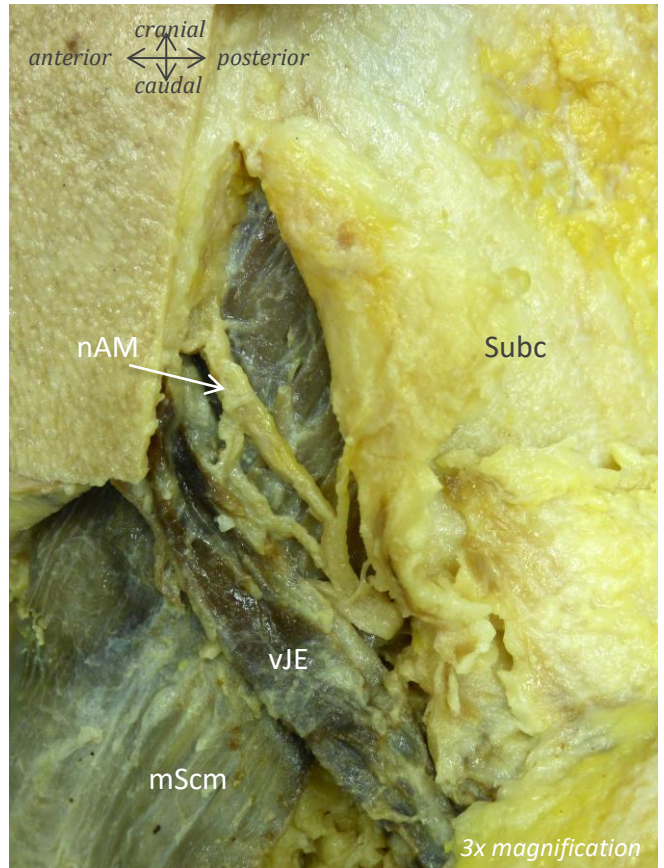
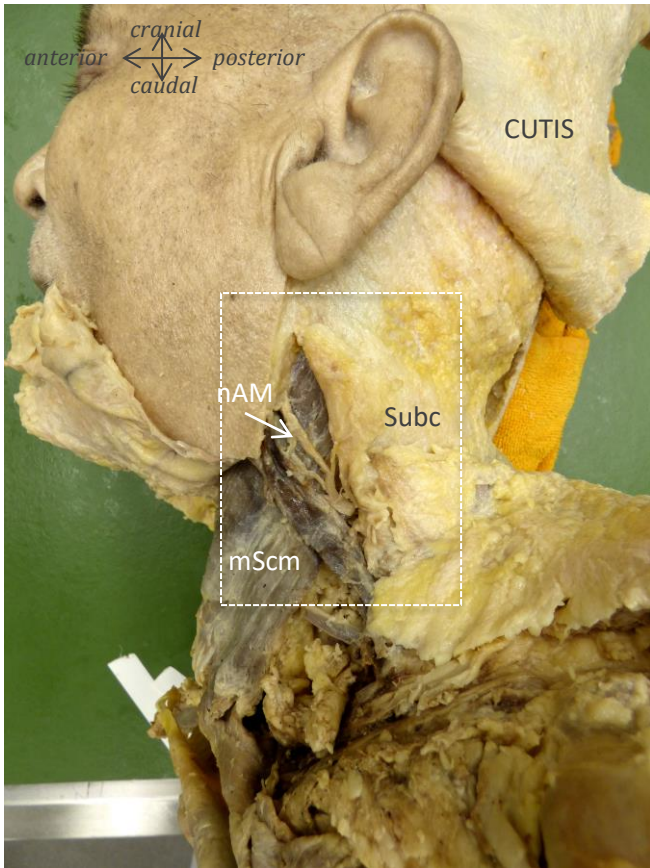
*dissection from skin to facet joints of the
cervical region, documented stepwise by high
resolution pictures with all relevant structures
labeled*

*Fabian Büsken, Noëlle Dirks, Andreas Herrler, Arno
Lataster
Department of Anatomy & Embryology
FHML, Maastricht University
The Netherlands*



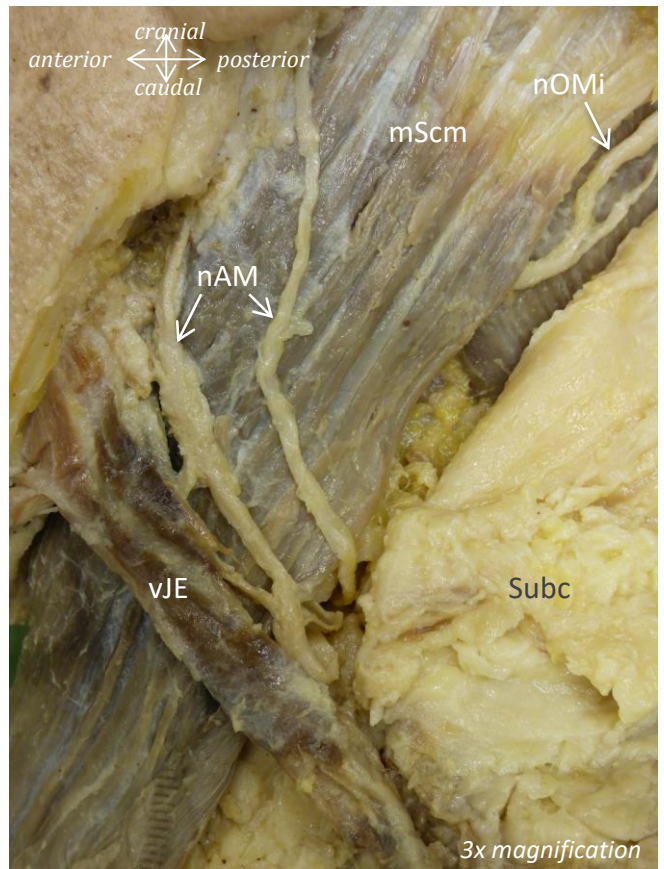
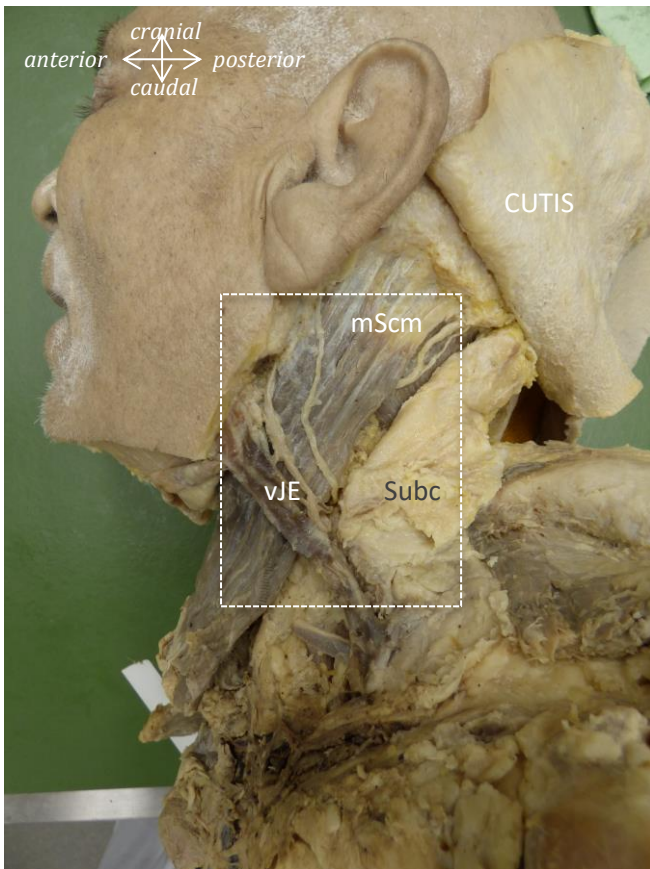
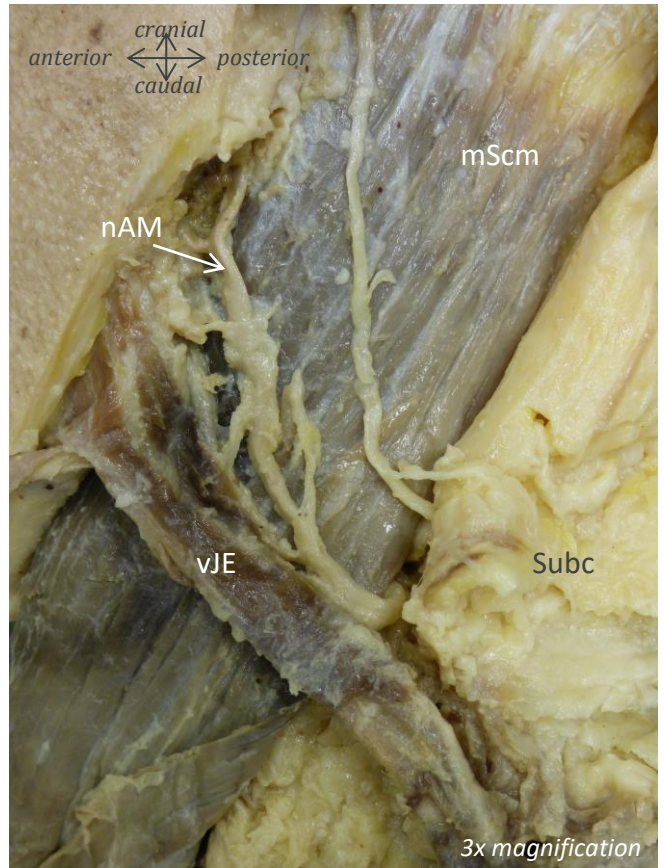
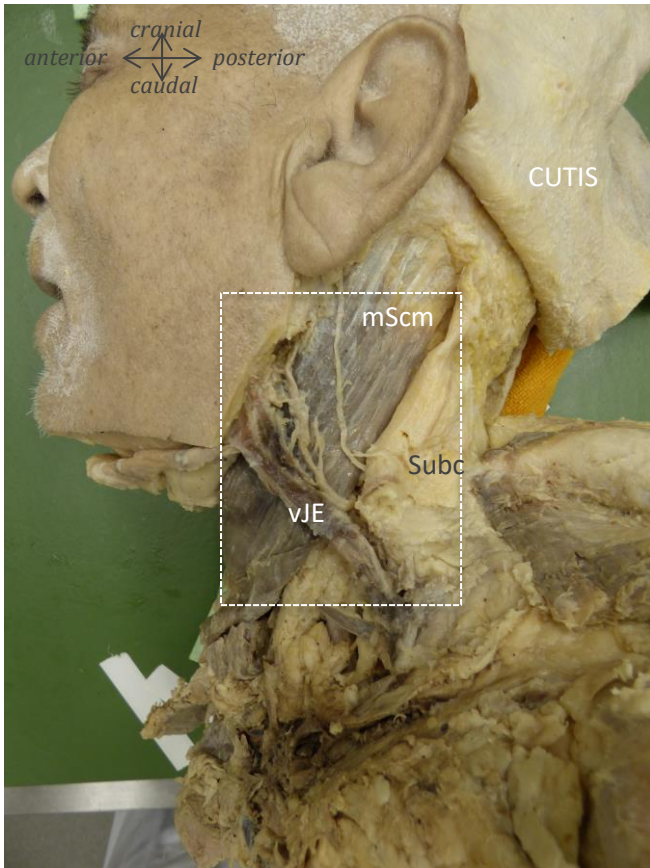
Extra: Subc = subcutis

Male, 67 years of age



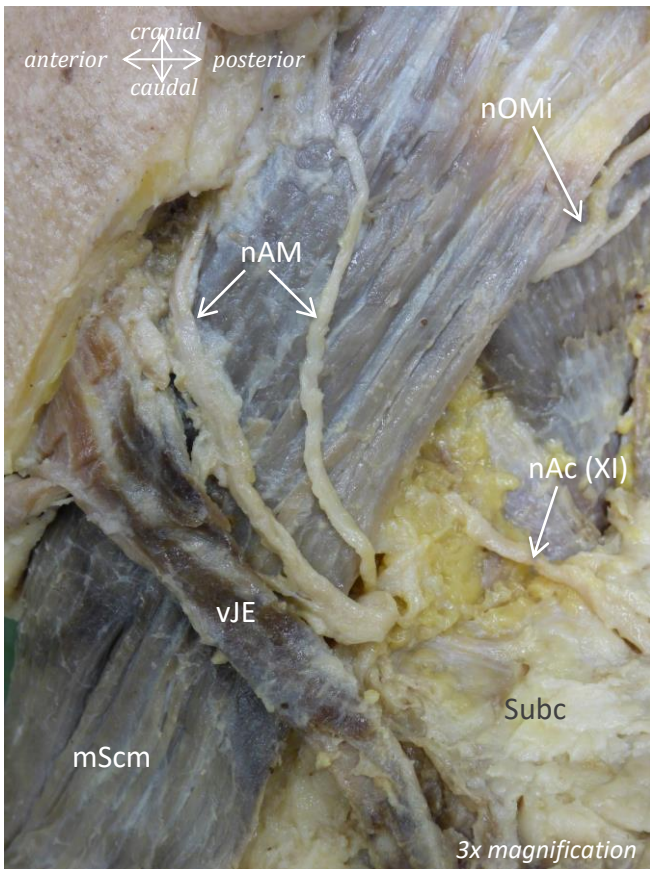
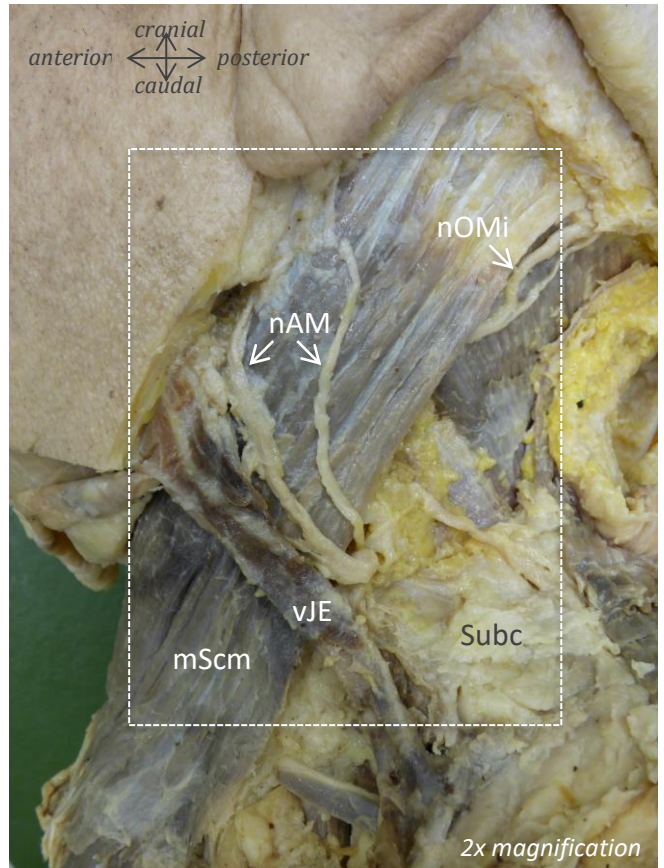
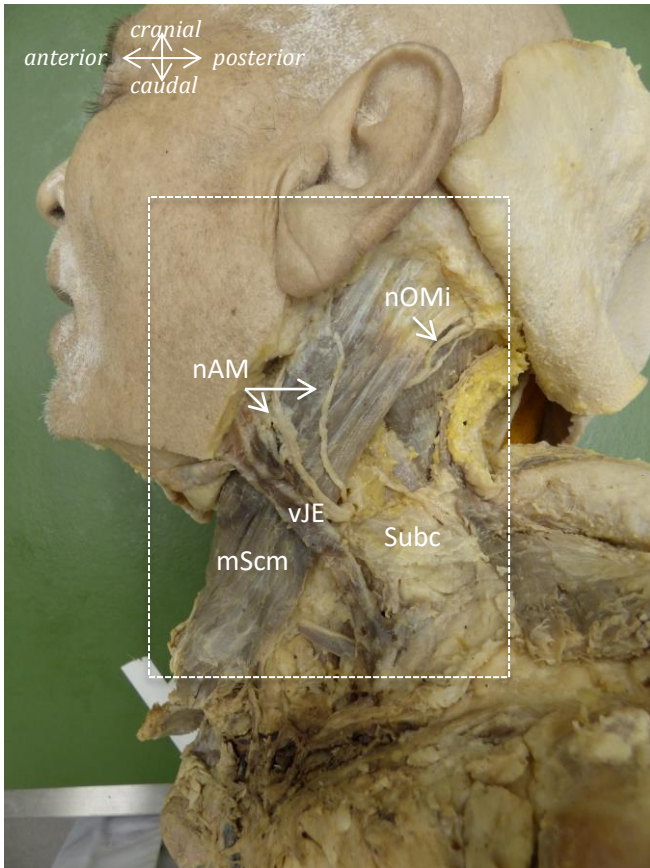
Muscles: mScm = m. sternocleidomastoideus
Nerves: nAM = n. auricularis magnus
Vessels: vJE = v. jugularis externa
Extra: Subc = subcutis

Male, 67 years of age



Muscles: mScm = m. sternocleidomastoideus
Nerves: nAM = n. auricularis magnus; nOMi = n. occipitalis minor
Vessels: vJE = v. jugularis externa
Extra: Subc = subcutis

Male, 67 years of age



Muscles

mScm = m. sternocleidomastoideus

Nerves

nAM = n. auricularis magnus

nOMi = n. occipitalis minor

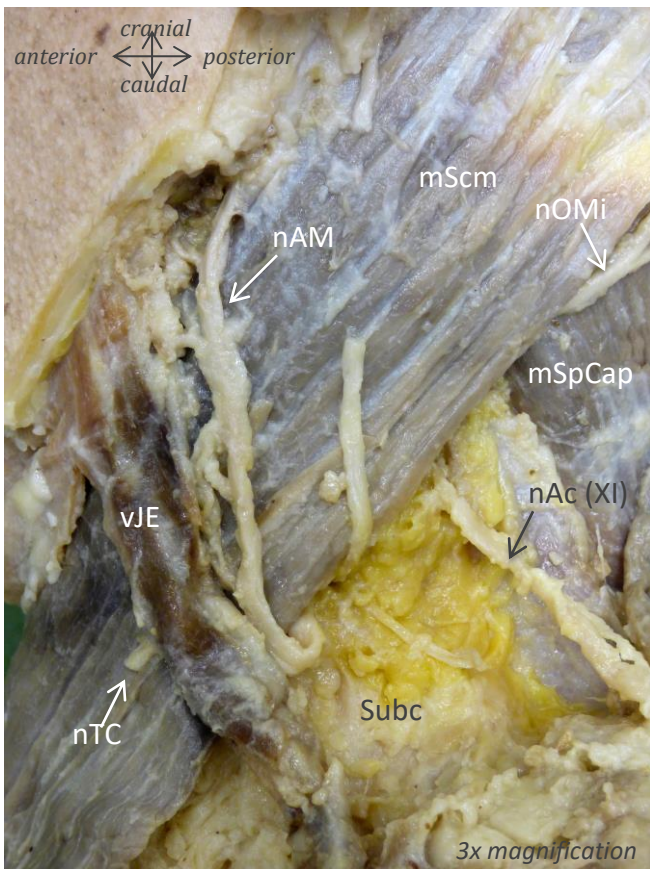
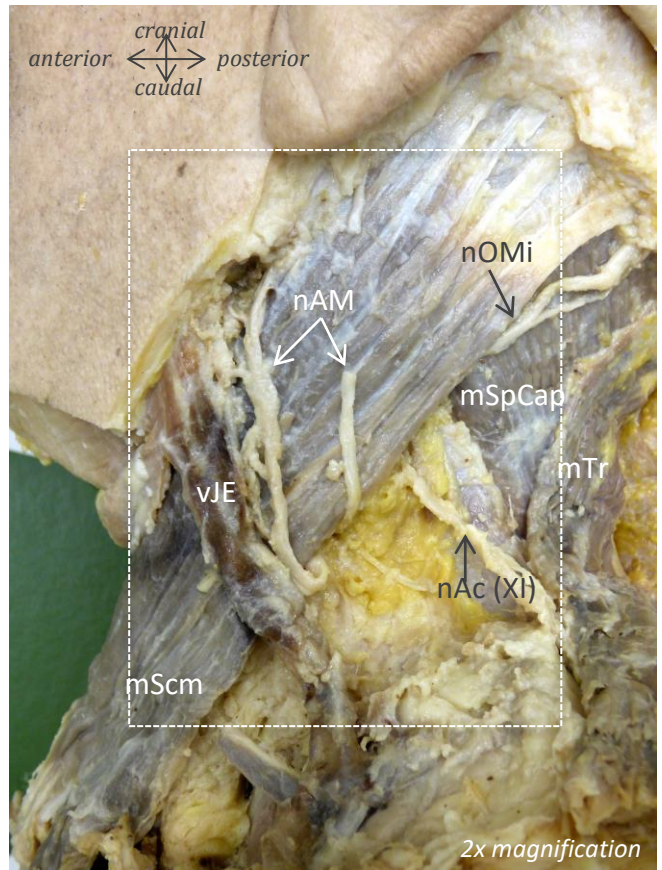
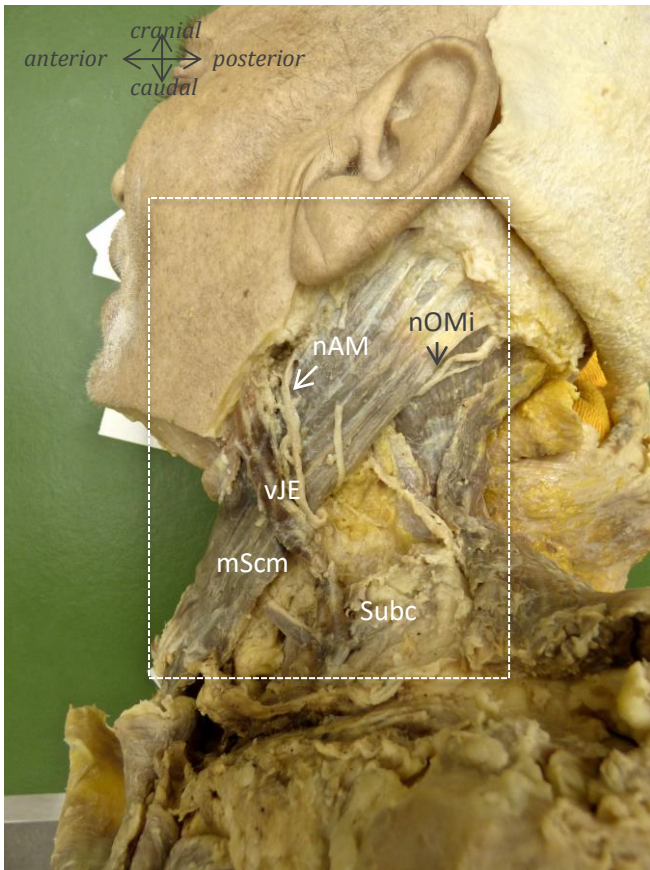
nAc = n. accessorius

Vessels

vJE = v. jugularis externa

Extra

Subc = subcutis



Muscles

mScm = m. sternocleidomastoideus
 mSpCap = m. splenius capitis
 mTr = m. trapezius

Nerves

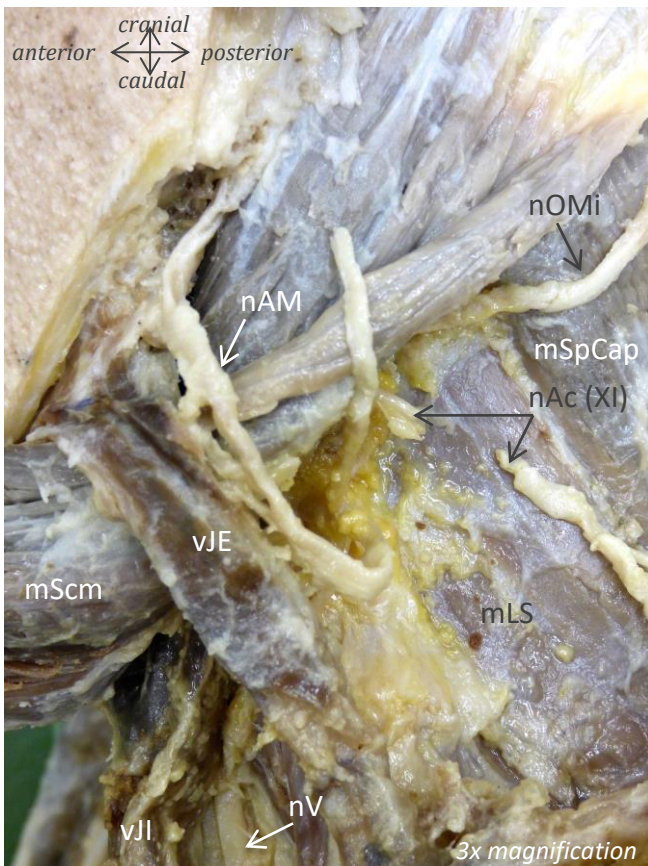
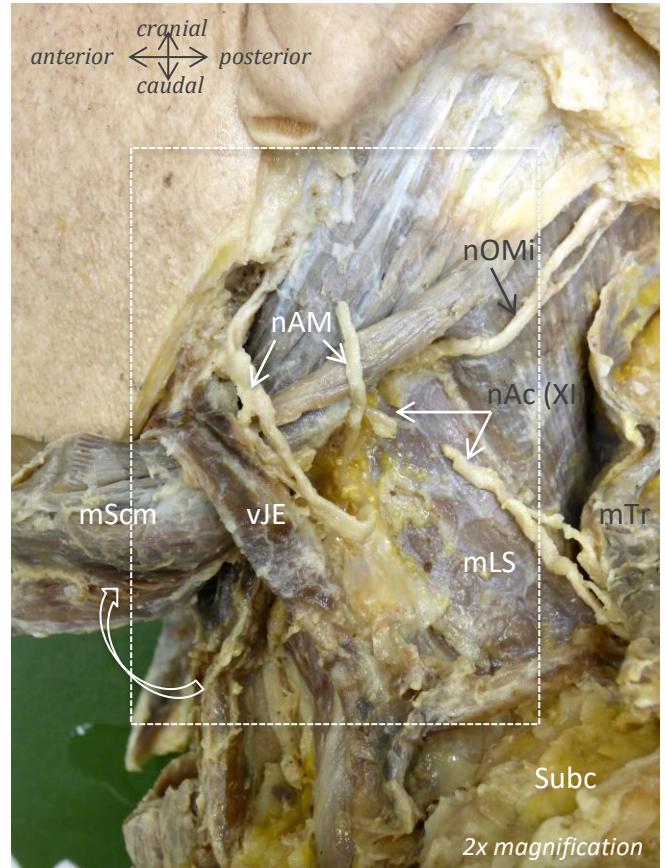
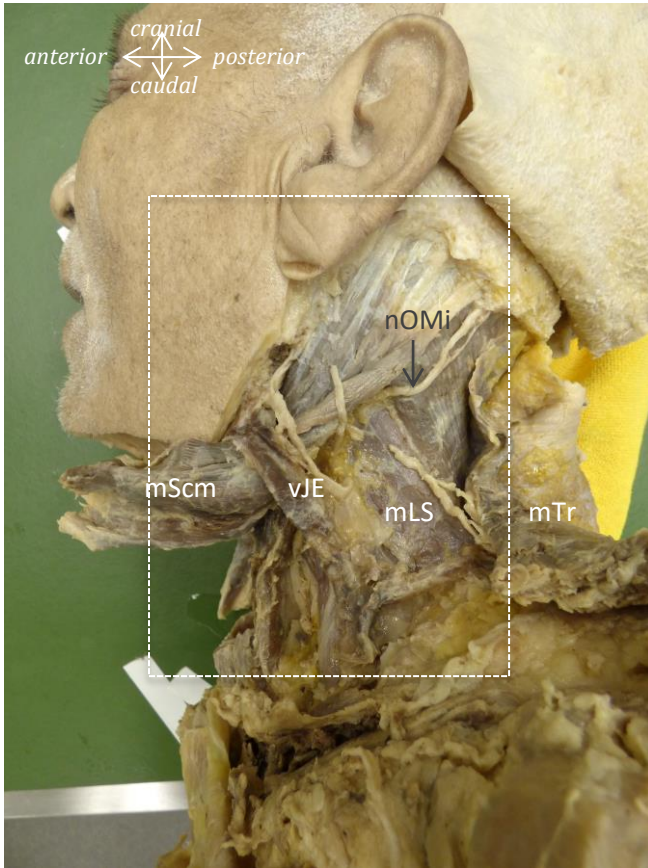
nAM = n. auricularis magnus
 nOMi = n. occipitalis minor
 nAc = n. accessorius
 nTC = n. transversus colli

Vessels

vJE = v. jugularis externa

Extra

Subc = subcutis



Muscles

- mScm = m. sternocleidomastoideus
- mLS = m. levator scapulae
- mSpCap = m. splenius capitis
- mTr = m. trapezius

Nerves

- nAM = n. auricularis magnus
- nOMi = n. occipitalis minor
- nAc = n. accessorius
- nV = n. vagus

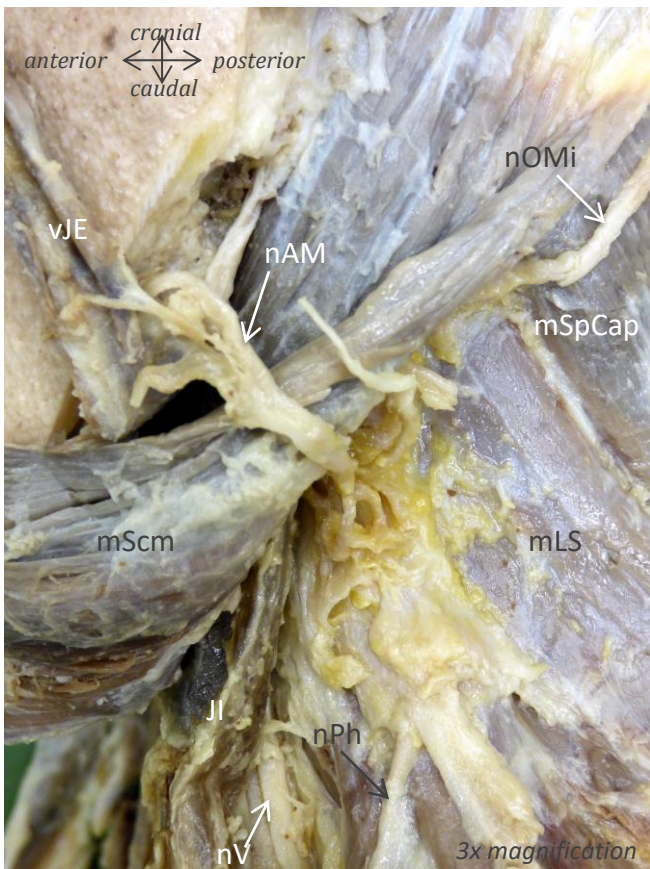
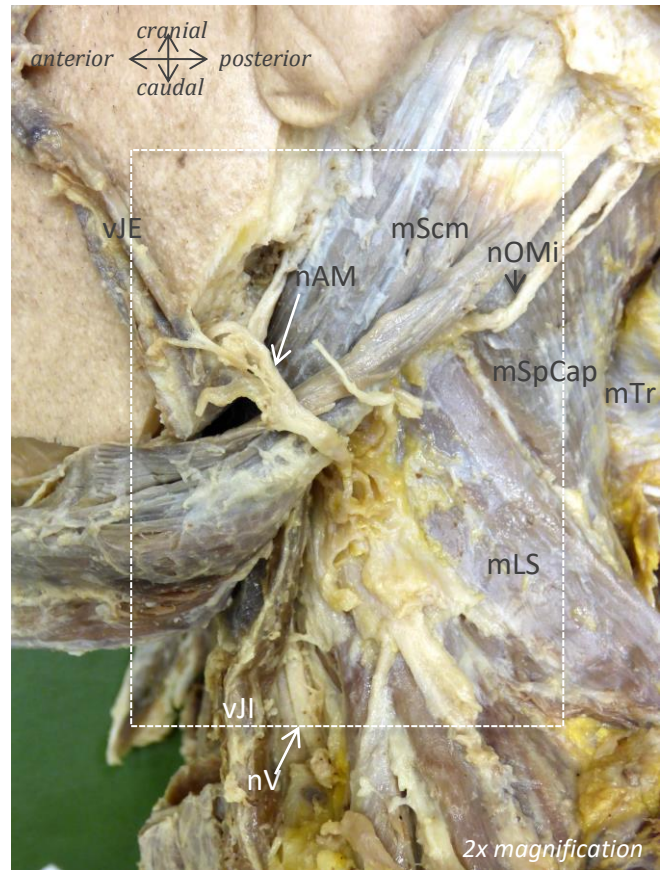
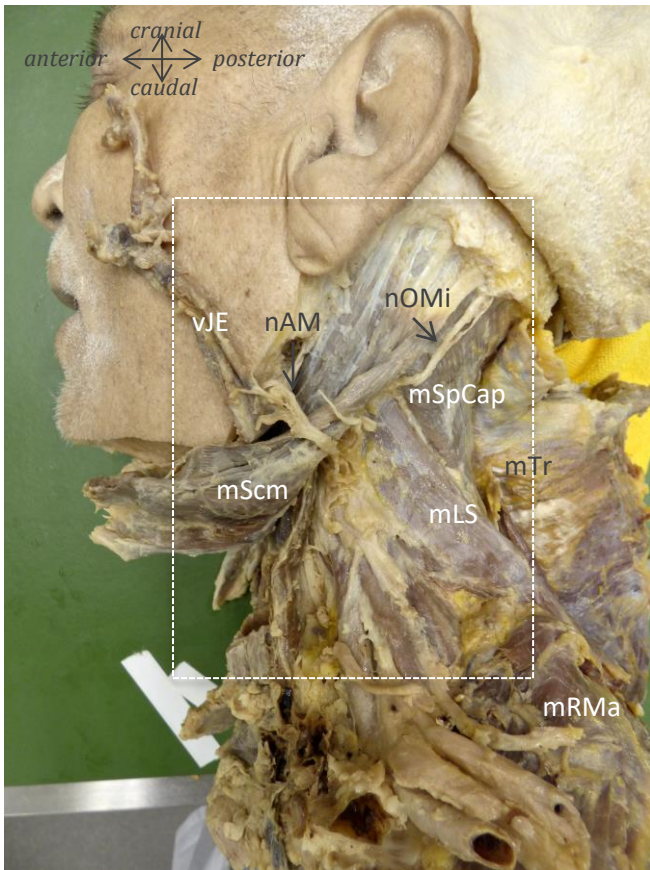
Vessels

- vJE = v. jugularis externa
- vJI = v. jugularis interna

Extra

- Subc = subcutis

Male, 67 years of age



Muscles

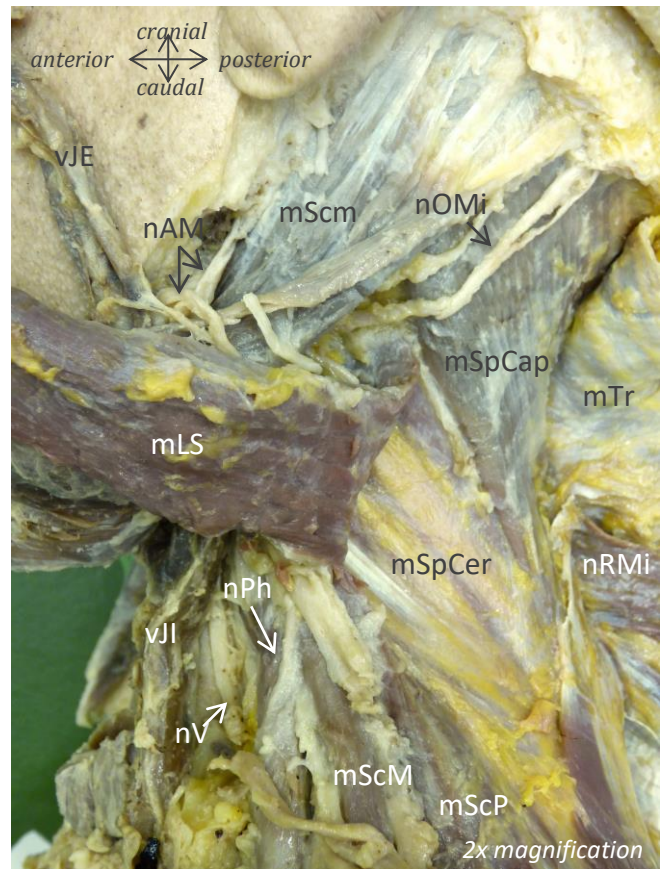
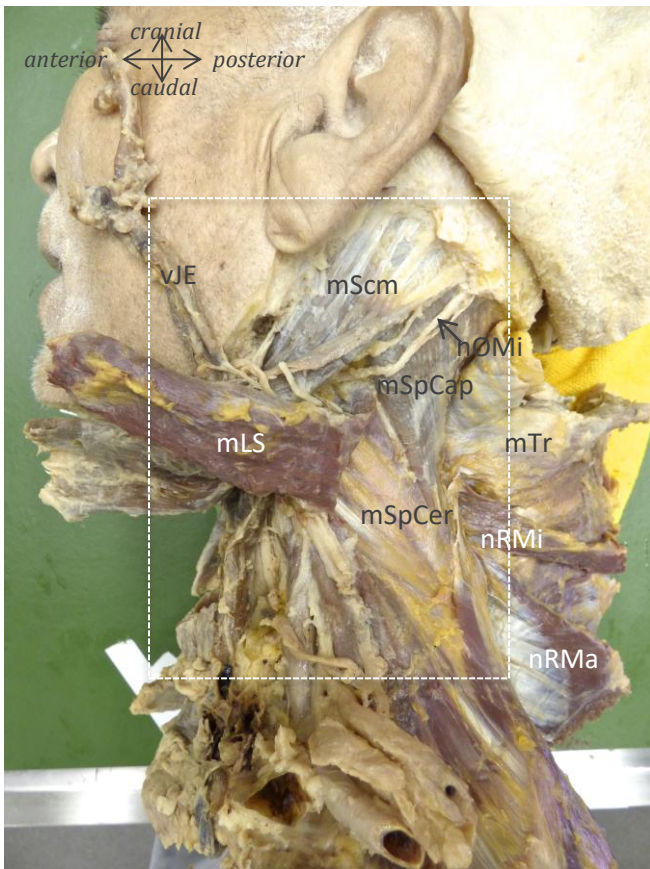
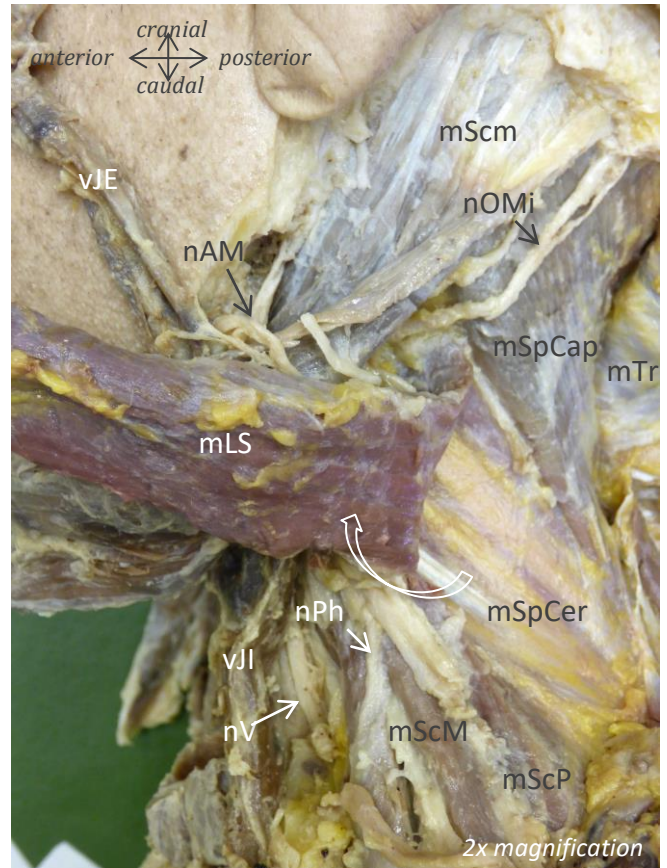
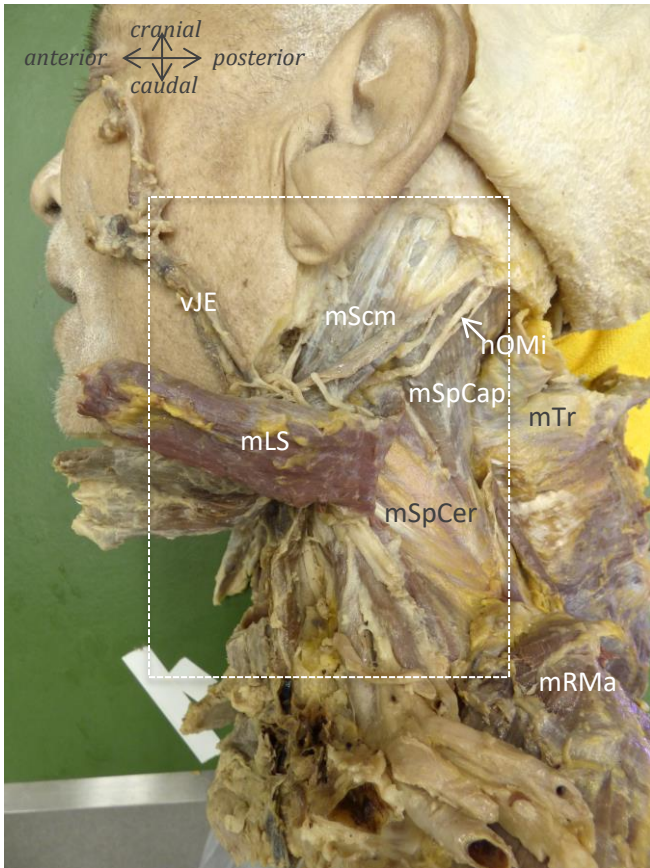
- mScm = m. sternocleidomastoideus
- mLS = m. levator scapulae
- mSpCap = m. splenius capitis
- mTr = m. trapezius
- mRMa = m. rhomboideus major

Nerves

- nAM = n. auricularis magnus
- nOMi = n. occipitalis minor
- nAc = n. accessorius
- nV = n. vagus
- nPh = n. phrenicus

Vessels

- vJE = v. jugularis externa
- vJI = v. jugularis interna

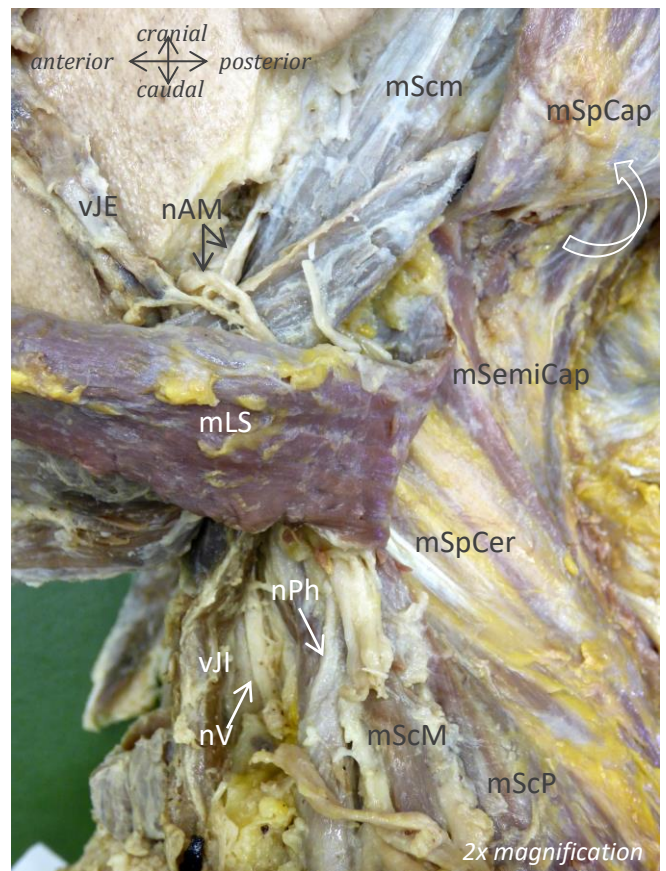
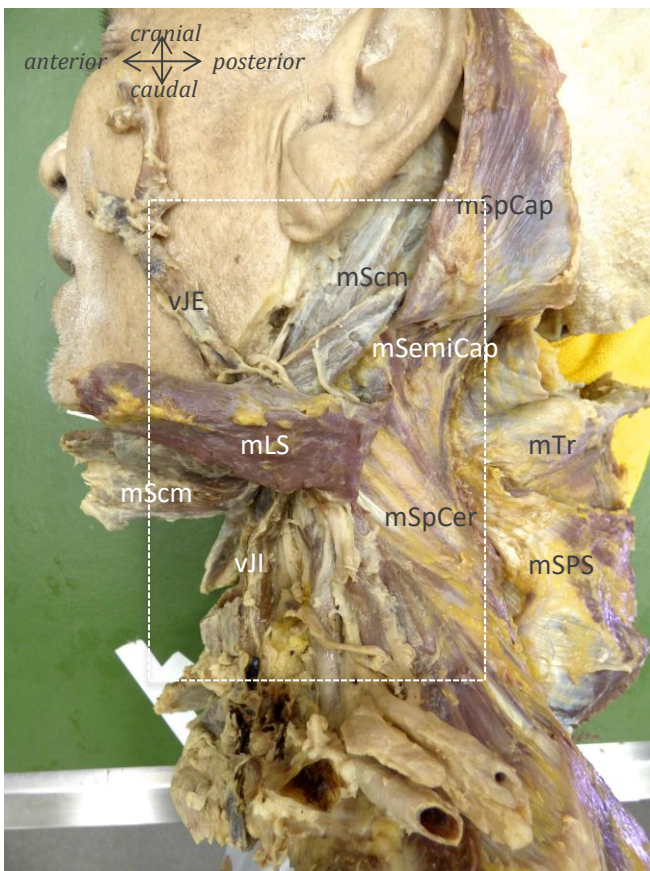
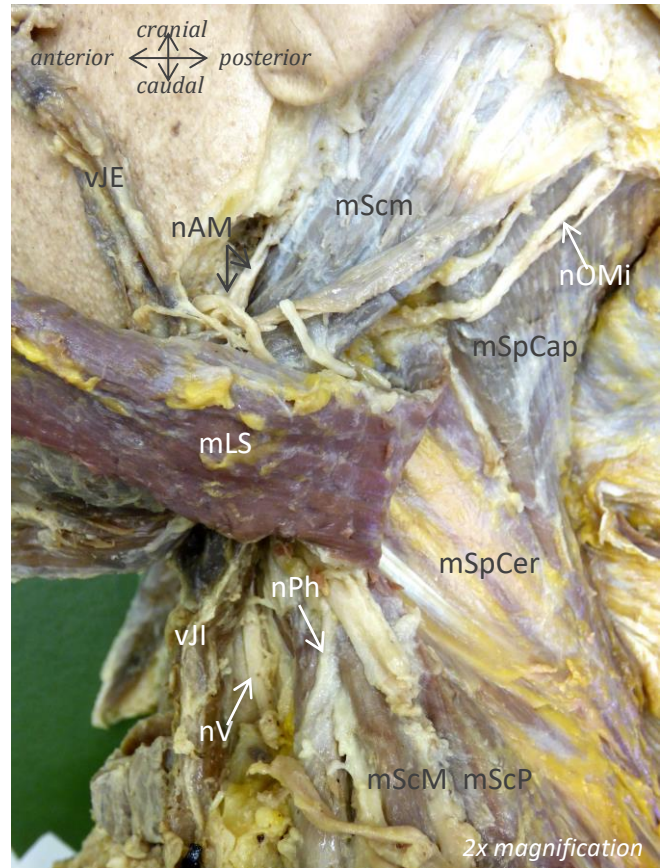
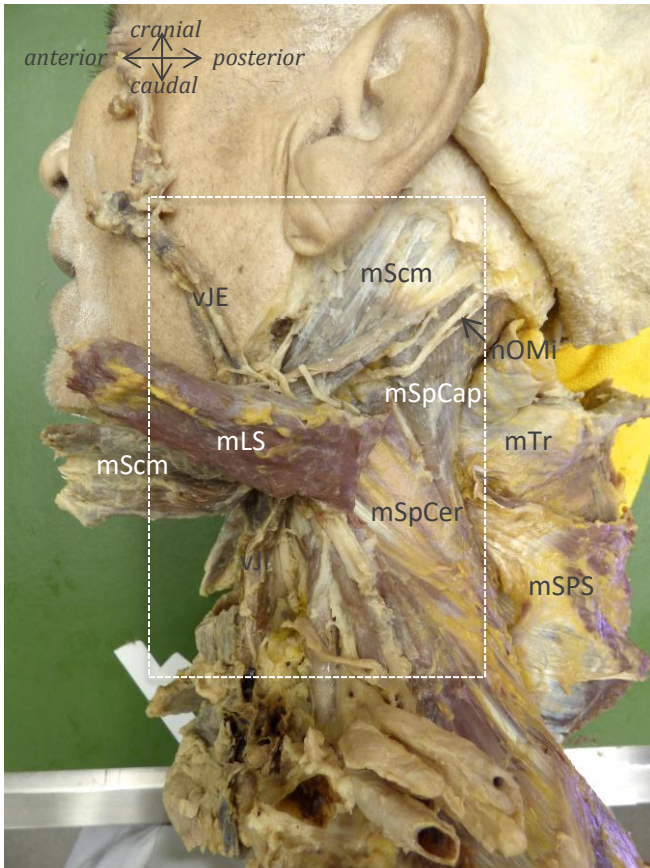


Muscles: mScm = m. sternocleidomastoideus; mLS = m. levator scapulae; mSpCap = m. splenius capitis; mSpCer = m. splenius cervicis; mTr = m. trapezius; mRMi = m. rhomboideus minor; mRMa = m. rhomboideus major; mScM = m. scalenus medius; mScP = m. scalenus posterior

Nerves: nAM = n. auricularis magnus; nOMi = n. occipitalis minor; nV = n. vagus; nPh = n. phrenicus

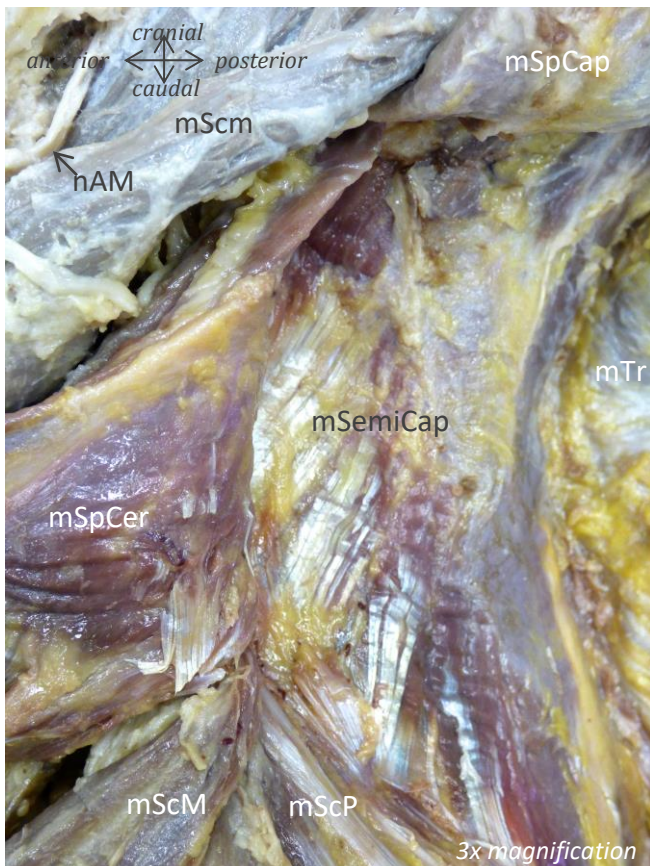
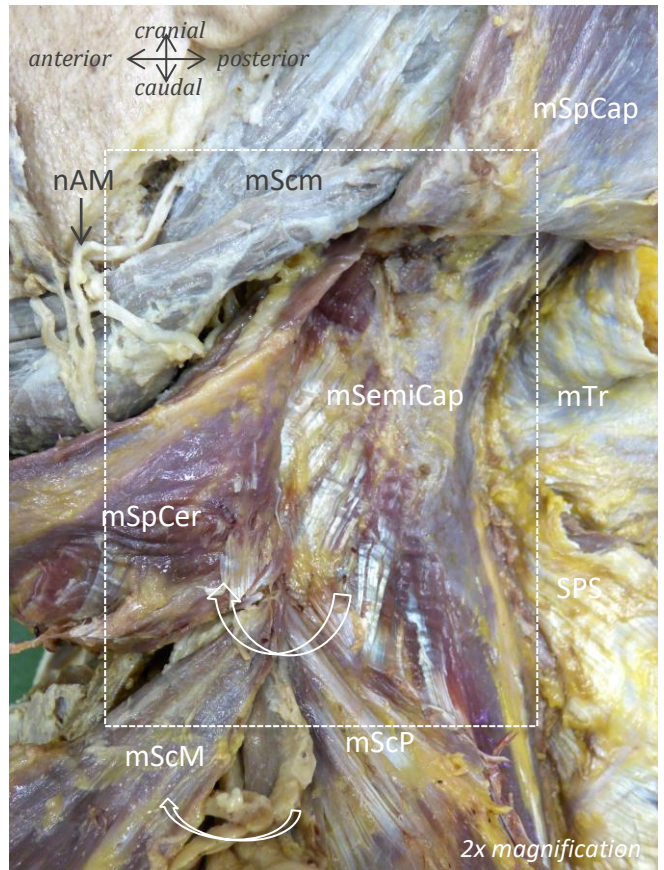
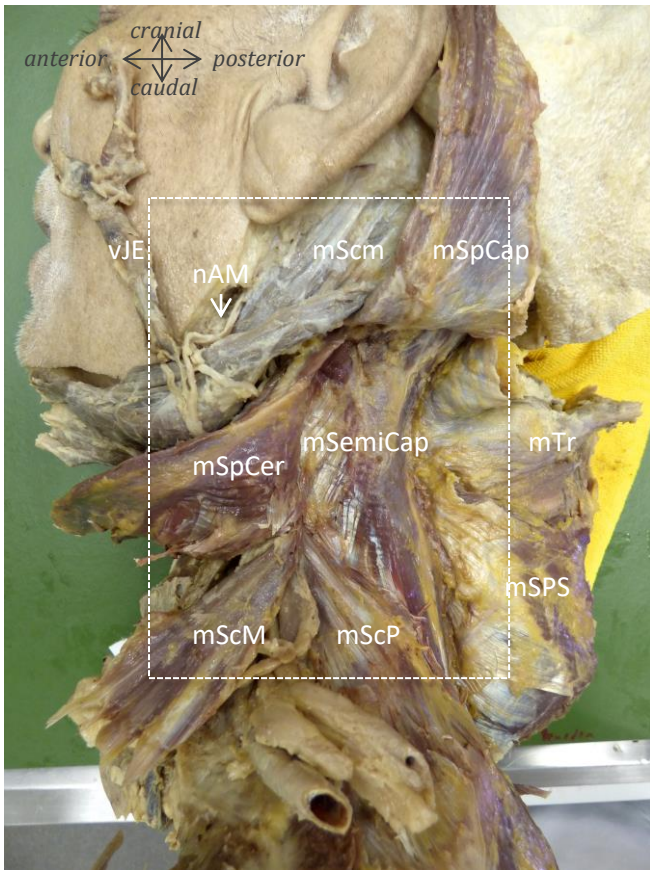
Vessels: vJE = v. jugularis externa; vJI = v. jugularis interna

Male, 67 years of age



Muscles: mScm = m. sternocleidomastoideus; mLS = m. levator scapulae; mSpCap = m. splenius capitis; mSpCer = m. splenius cervicis; mSemiCap = m. semispinalis capitis; mTr = m. trapezius; mSPS = m. serratus posterior superior; mScM = m. scalenus medius; mScP = m. scalenus posterior
Nerves: nAM = n. auricularis magnus; nV = n. vagus; nPh = n. phrenicus
Vessels: vJE = v. jugularis externa; vJI = v. jugularis interna

Male, 67 years of age



Muscles

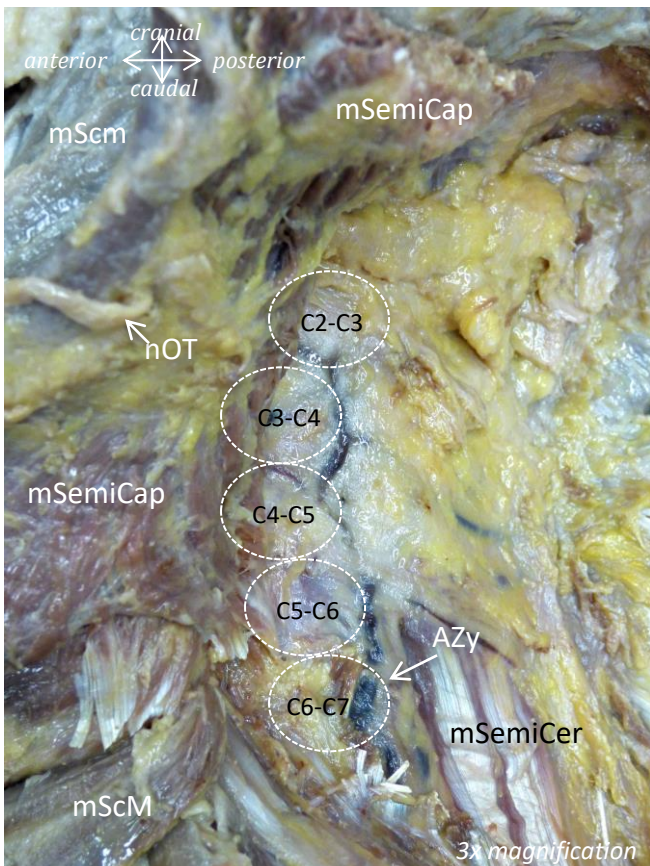
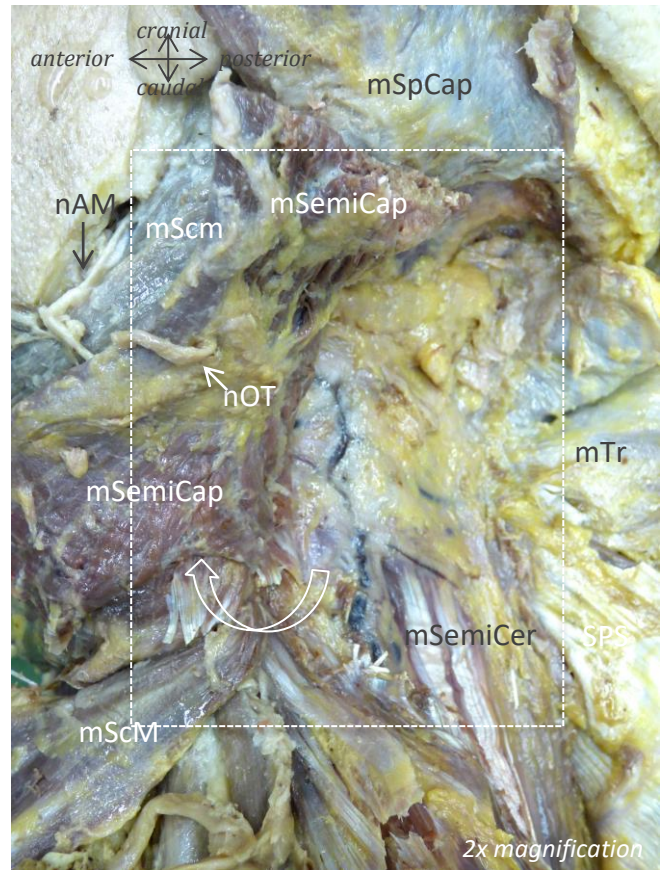
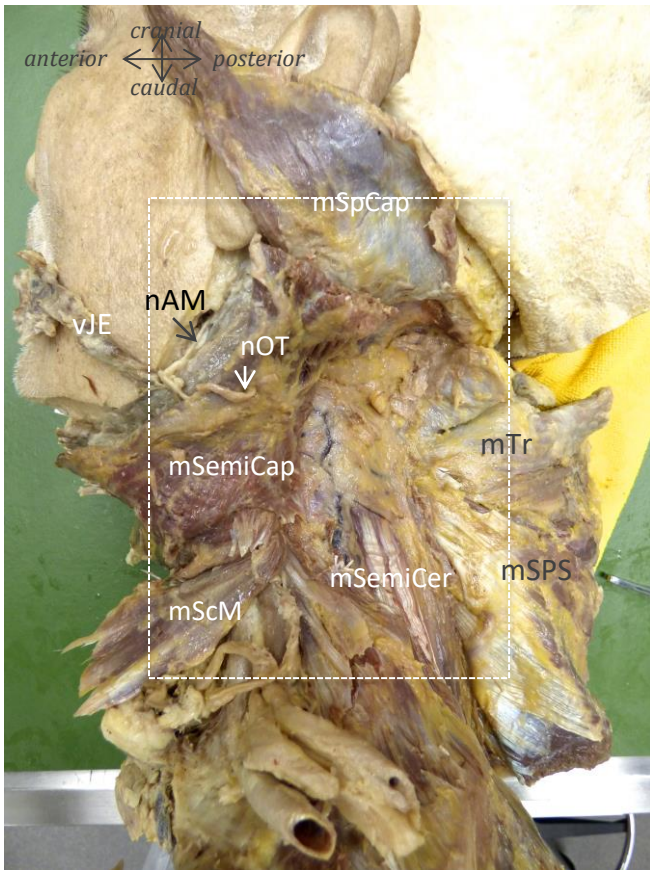
- mScm = m. sternocleidomastoideus
- mSpCap = m. splenius capitis
- mSpCer = m. splenius cervicis
- mSemiCap = m. semispinalis capitis
- mScM = m. scalenus medius
- mScP = m. scalenus posterior
- mTr = m. trapezius
- mSPS = m. serratus posterior superior

Nerves

- nAM = n. auricularis magnus

Vessels

- vJE = v. jugularis externa



Muscles

- mScM = m. sternocleidomastoideus
- mSpCap = m. splenius capitis
- mSemiCap = m. semispinalis capitis
- mSemiCer = m. semispinalis cervicis
- mScM = m. scalenus medius
- mTr = m. trapezius
- mSPS = m. serratus posterior superior

Nerves

- nAM = n. auricularis magnus
- nOT = n. occipitalis tertius

Vessels

- vJE = v. jugularis externa

Extra

- AZy = articulatio zygapophysealis

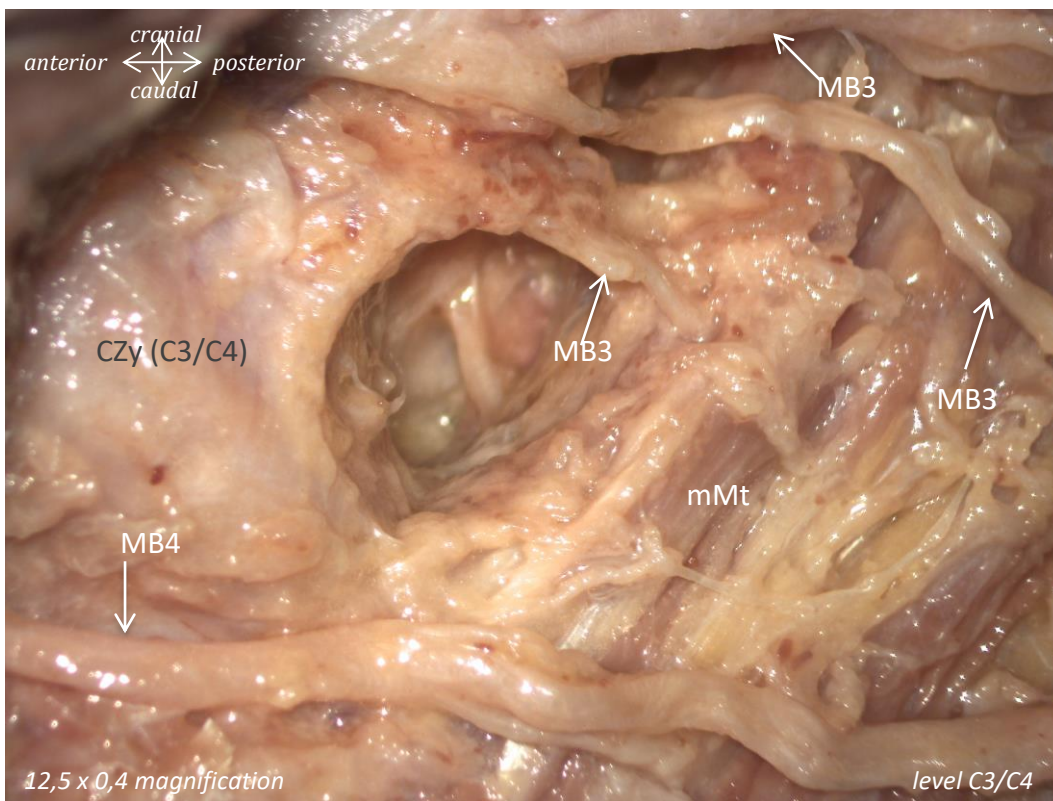
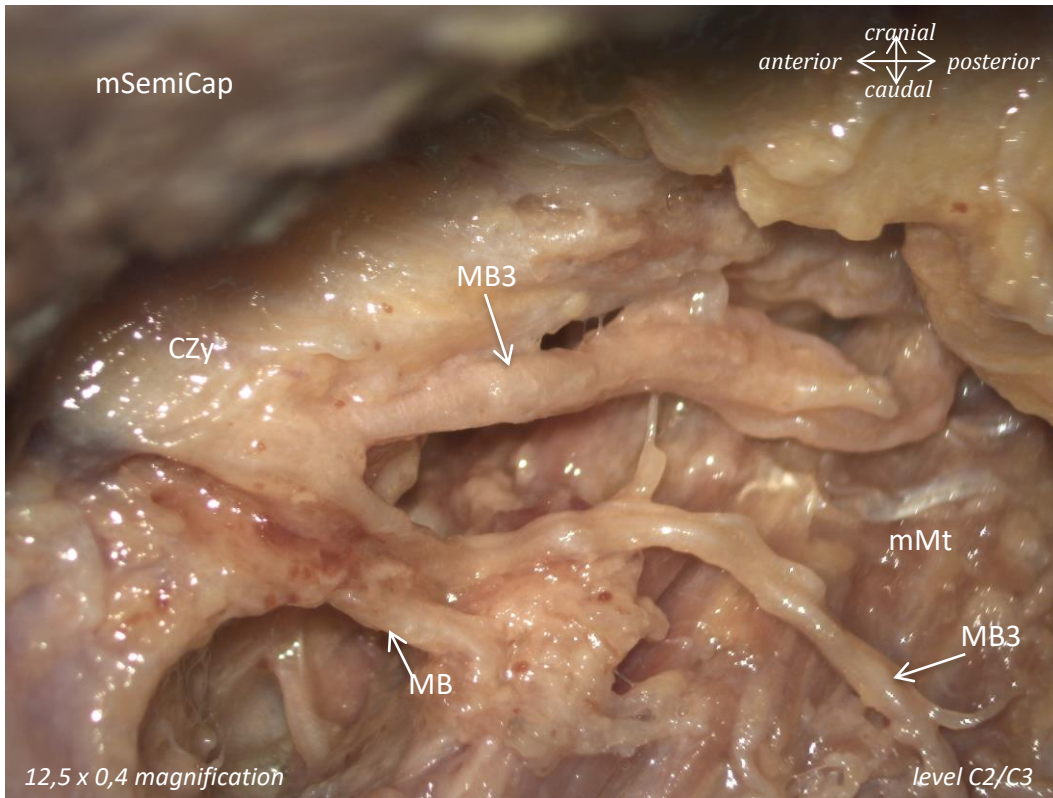


Muscles: mMt = multifidi; mSemiCap = m. semispinalis capitis; mSemiCer = m. semispinalis cervicis; mTr = m. trapezius

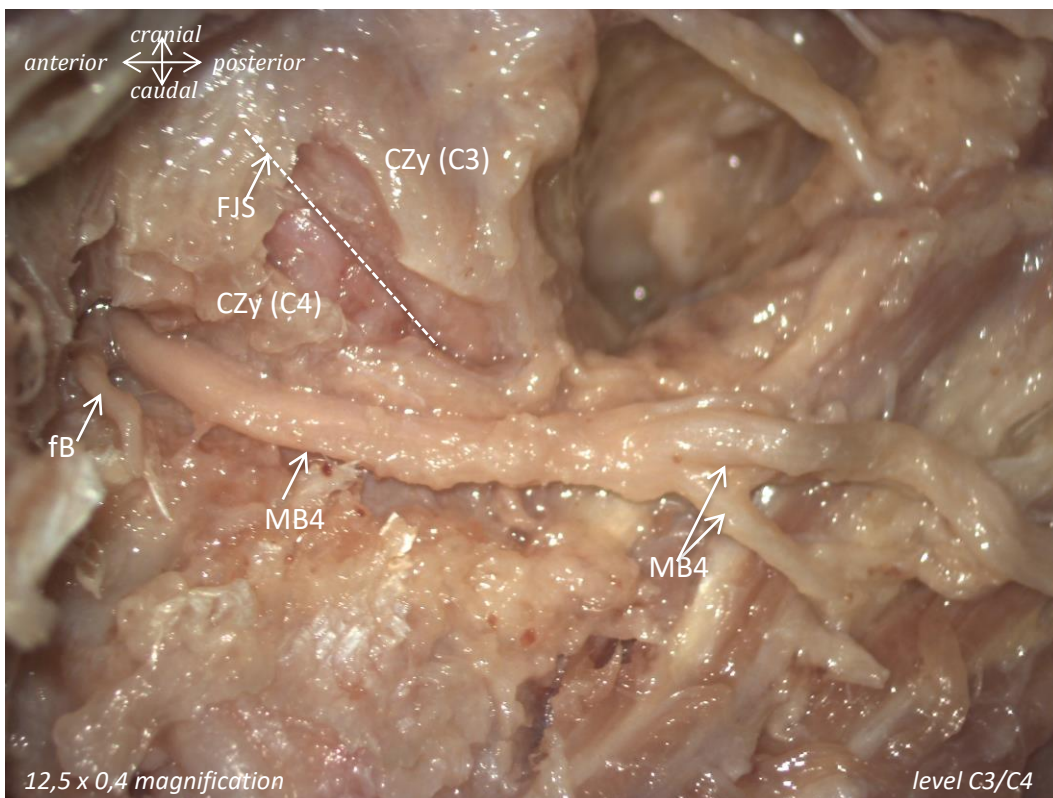
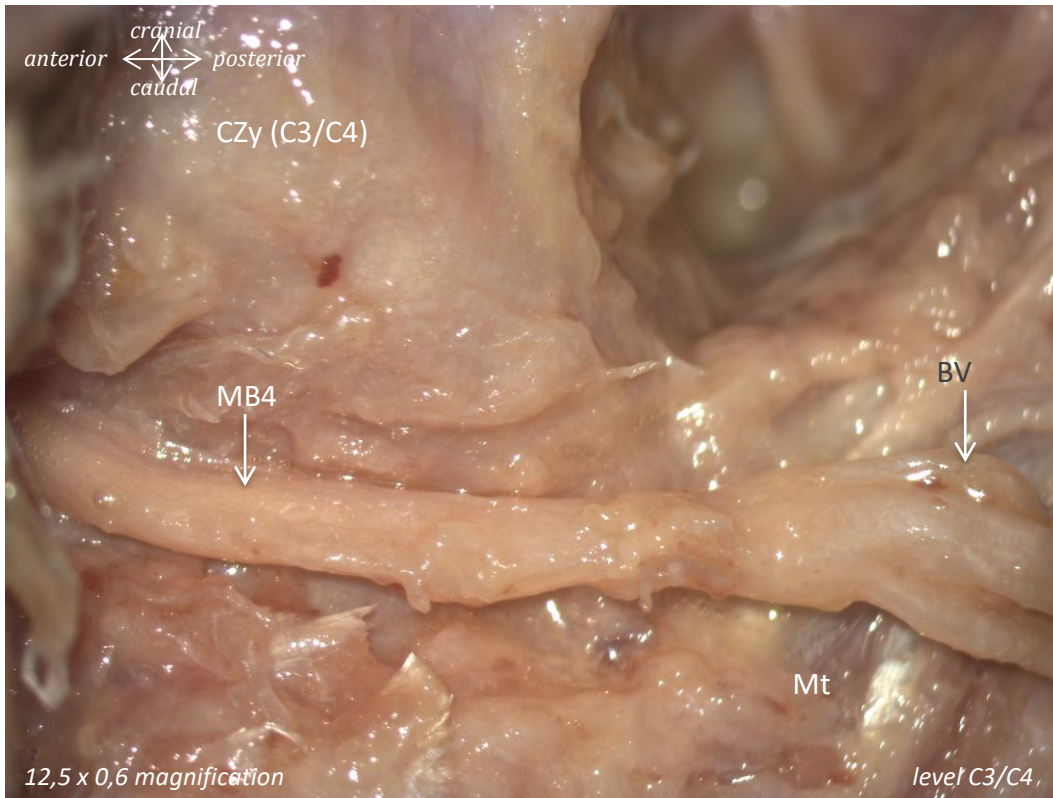
Nerves: MB = medial branch

Extra: TP = tuberculum posterior

Male, 67 years of age



Muscles: mMt = m. multifidi; mSemiCap = m. semispinalis capitis
Nerves: MB = medial branch
Extra: CZy = capsula articulatio zygapophysealis

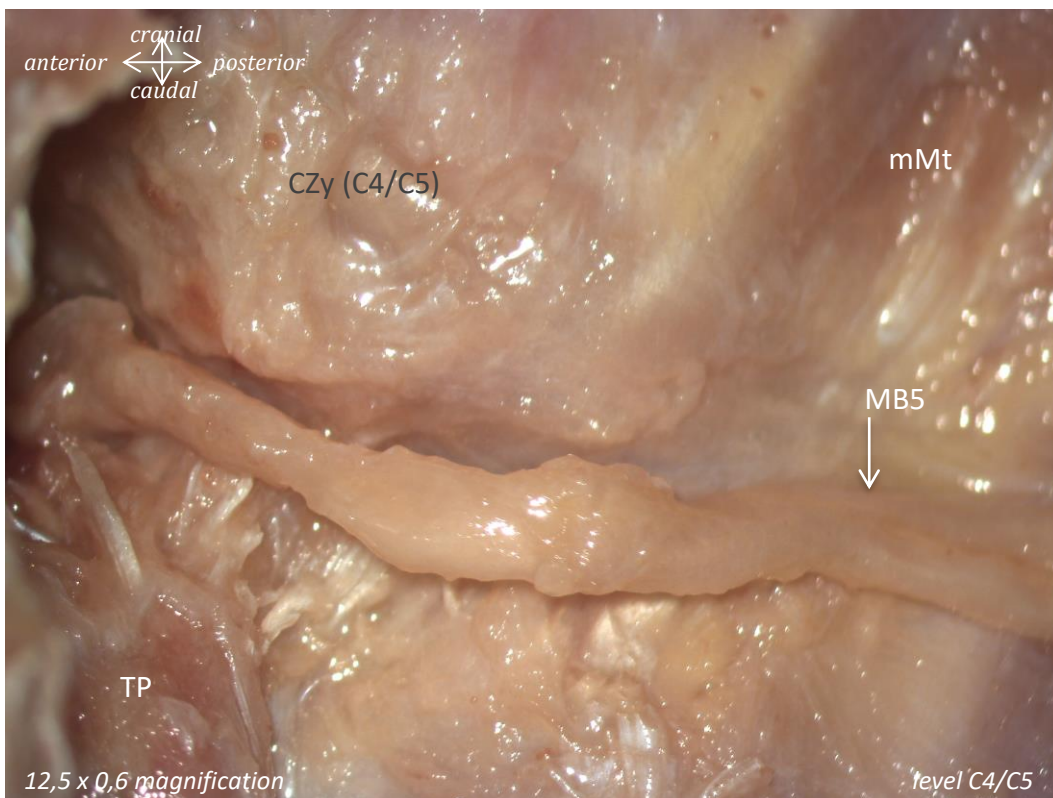
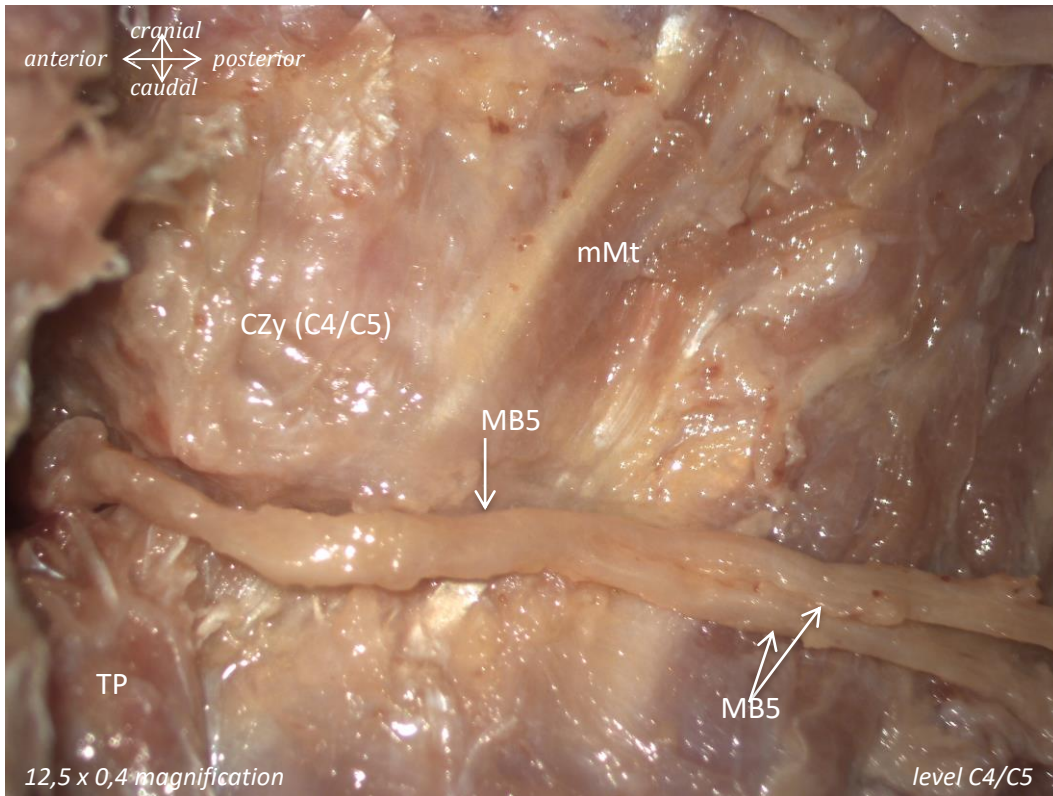


Muscles: mMt = m. multifidi

Nerves: MB = medial branch; fB = facet joint branch

Vessels: BV = blood vessel

Extra: CZy = capsula articulatio zygapophysealis; FJS = facet joint space

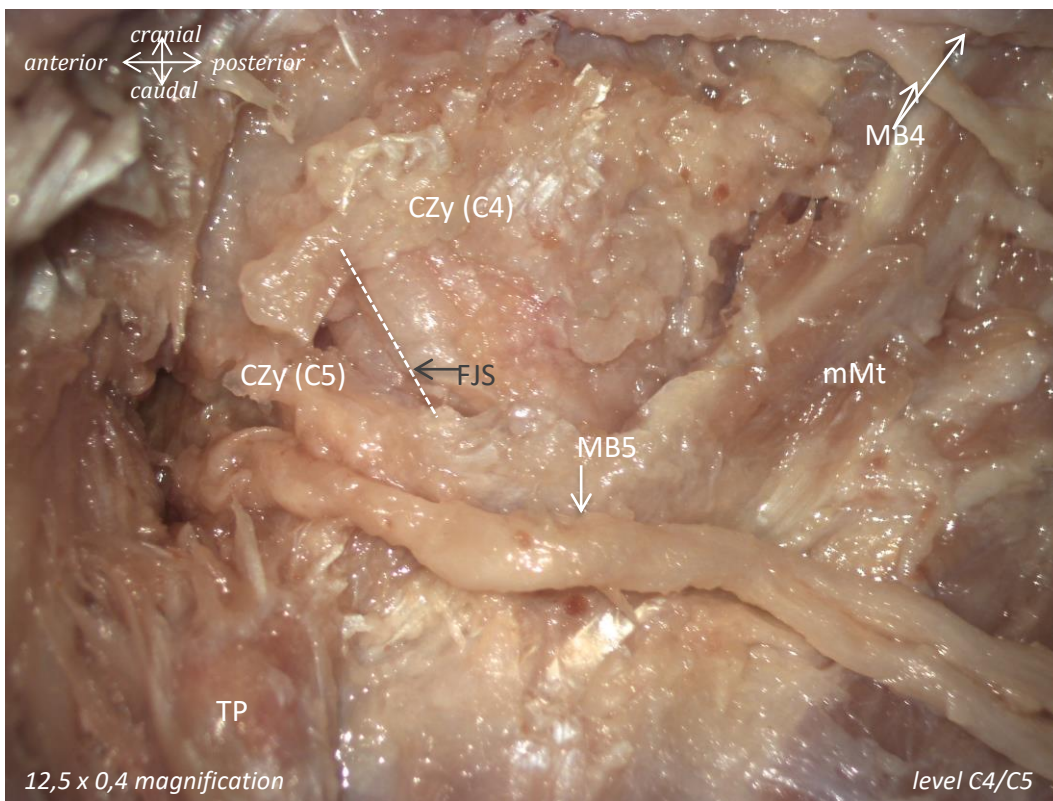
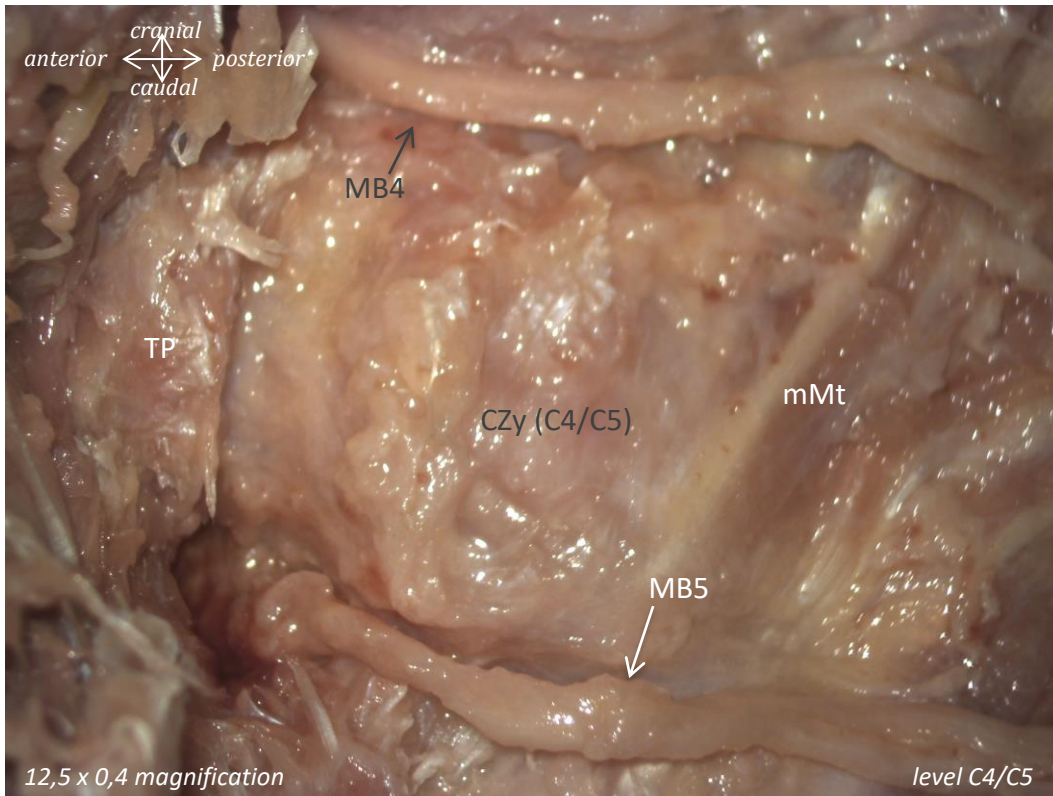


Muscles: mMt = m. multifidi

Nerves: MB = medial branch

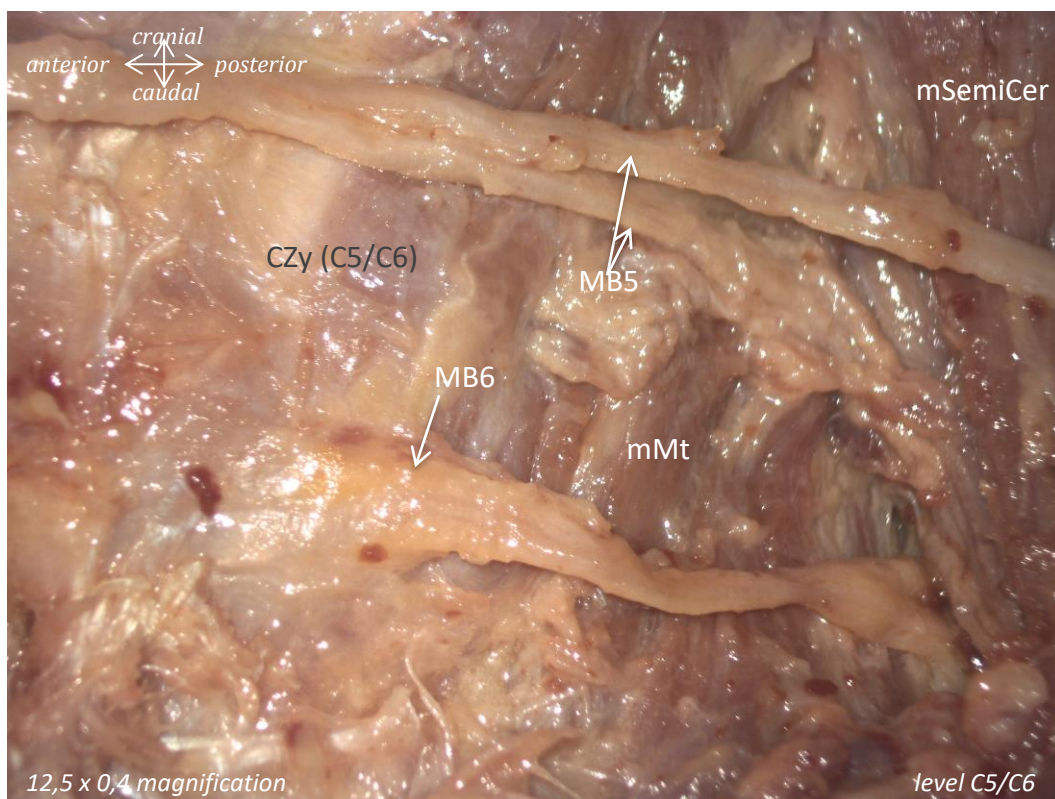
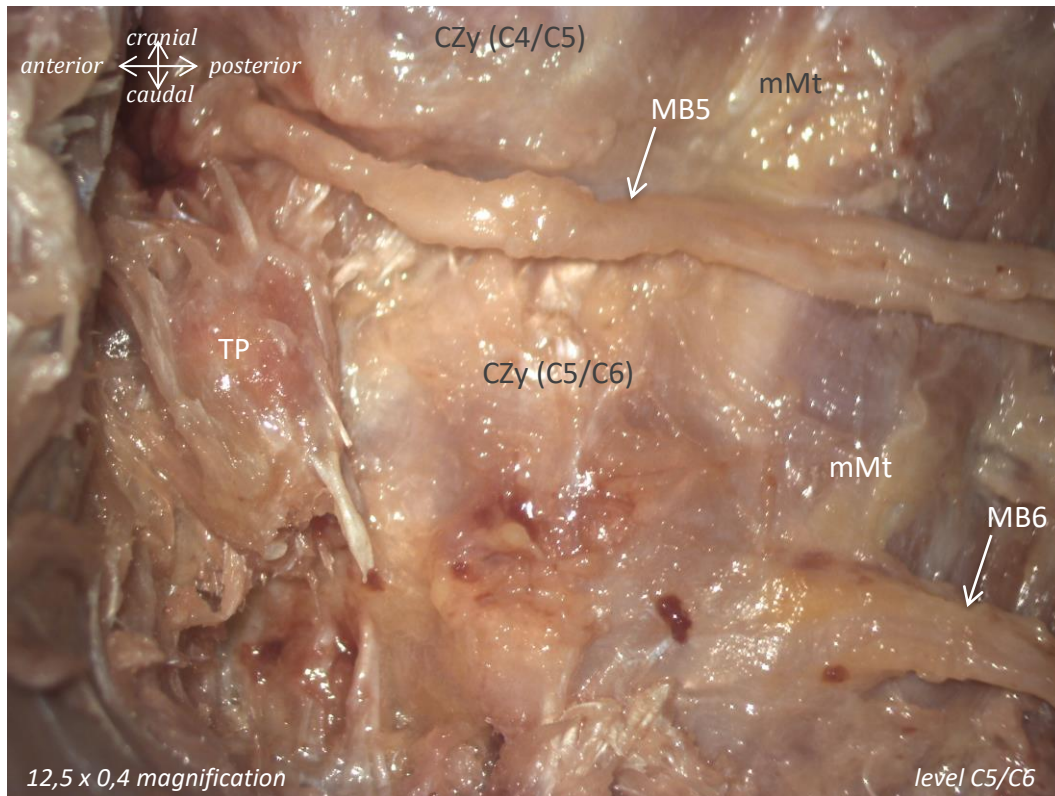
Extra: CZy = capsula articulatio zygapophysealis; TP = tuberculum posterior

Male, 67 years of age

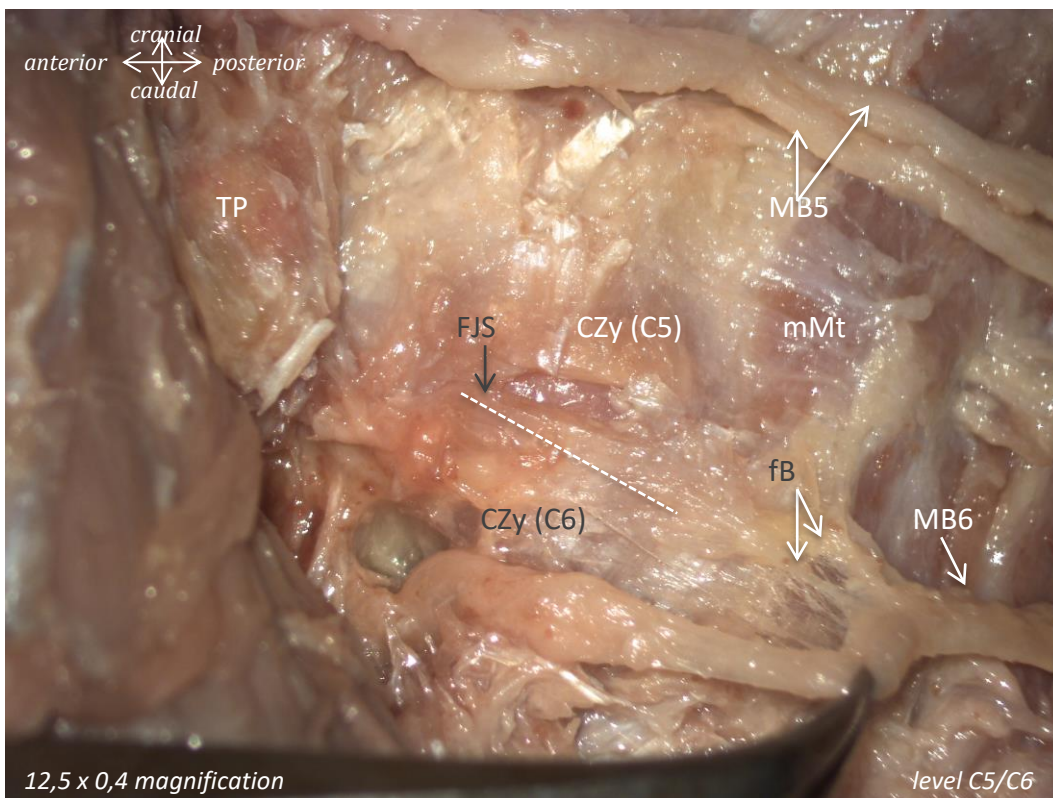
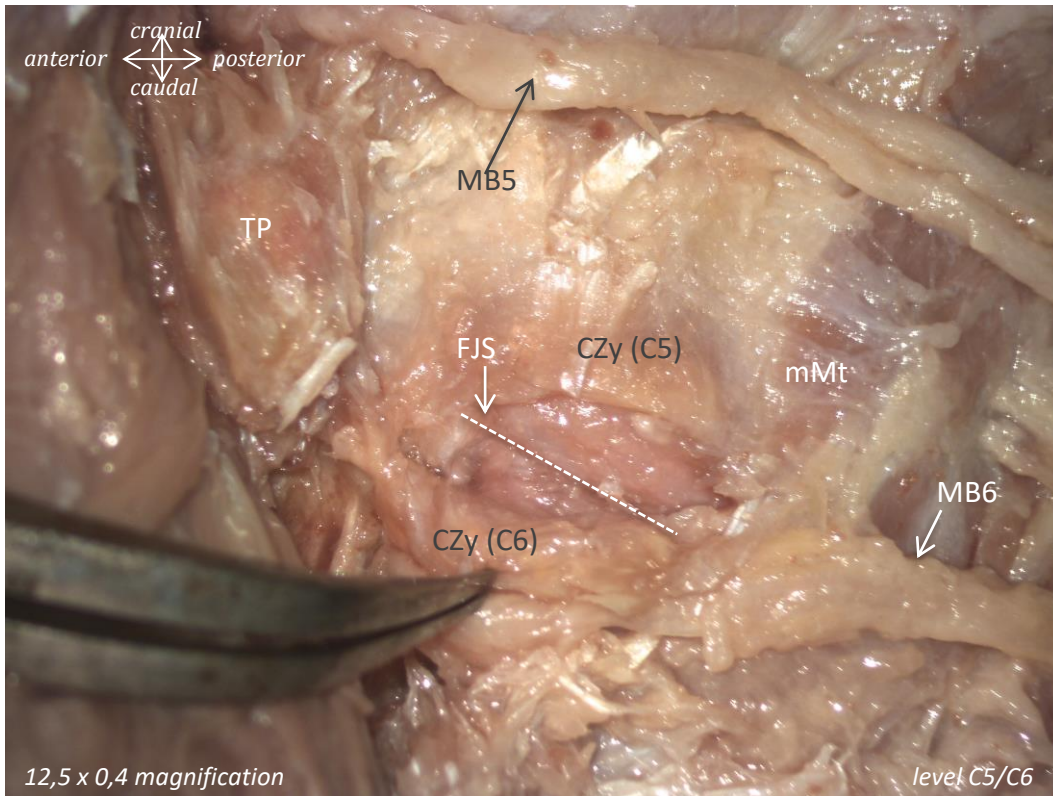


Muscles: mMt = m. multifidi
Nerves: MB = medial branch
Extra: CZy = capsula articulatio zygapophysealis; TP = tuberculum posterior; FJS = facet joint space

Male, 67 years of age



Muscles: mMt = m. multifidi; mSemiCer = m. semispinalis cervicis
Nerves: MB = medial branch
Extra: CZy = capsula articulatio zygapophysealis; TP = tuberculum posterior

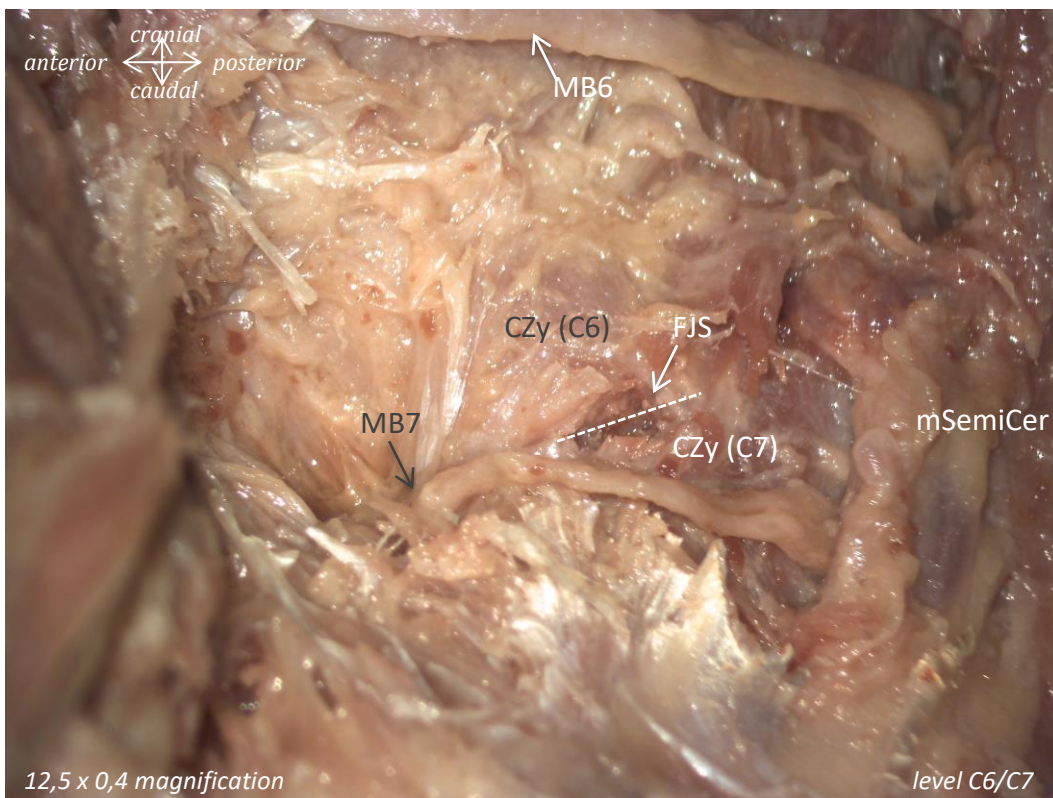
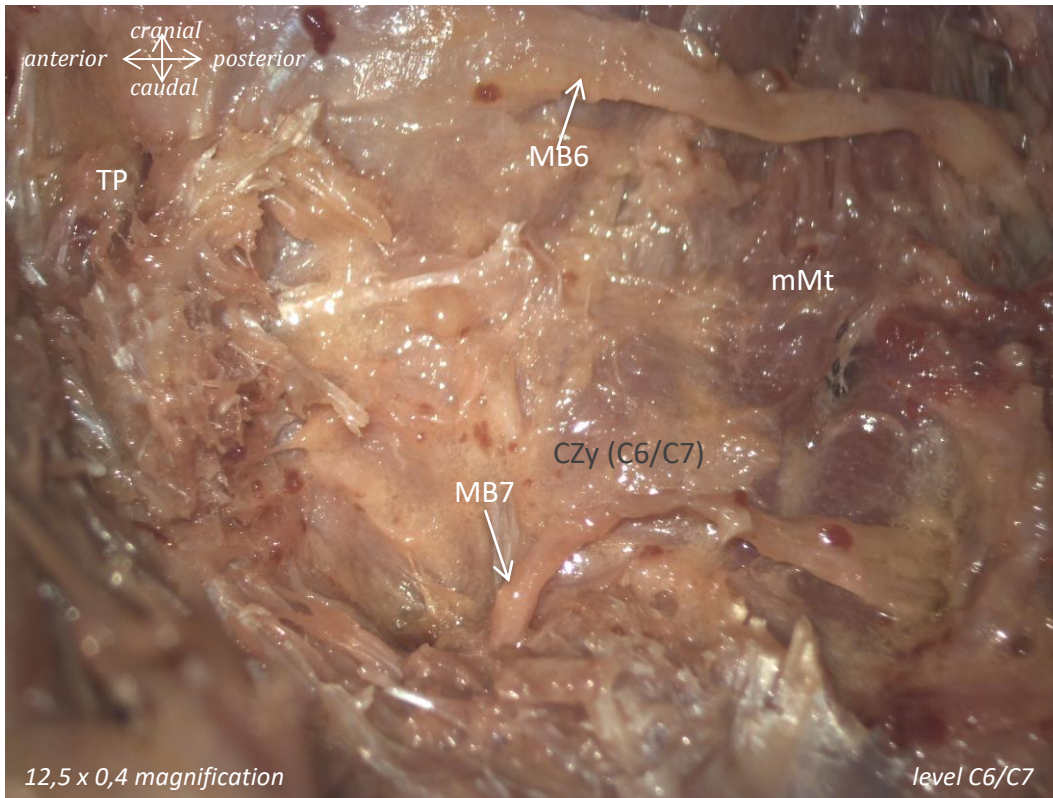


Muscles: mMt = m. multifidi

Nerves: MB = medial branch; fB = facet joint branch

Extra: CZy = capsula articulatio zygapophysealis; TP = tuberculum posterior; FJS = facet joint space

Male, 67 years of age



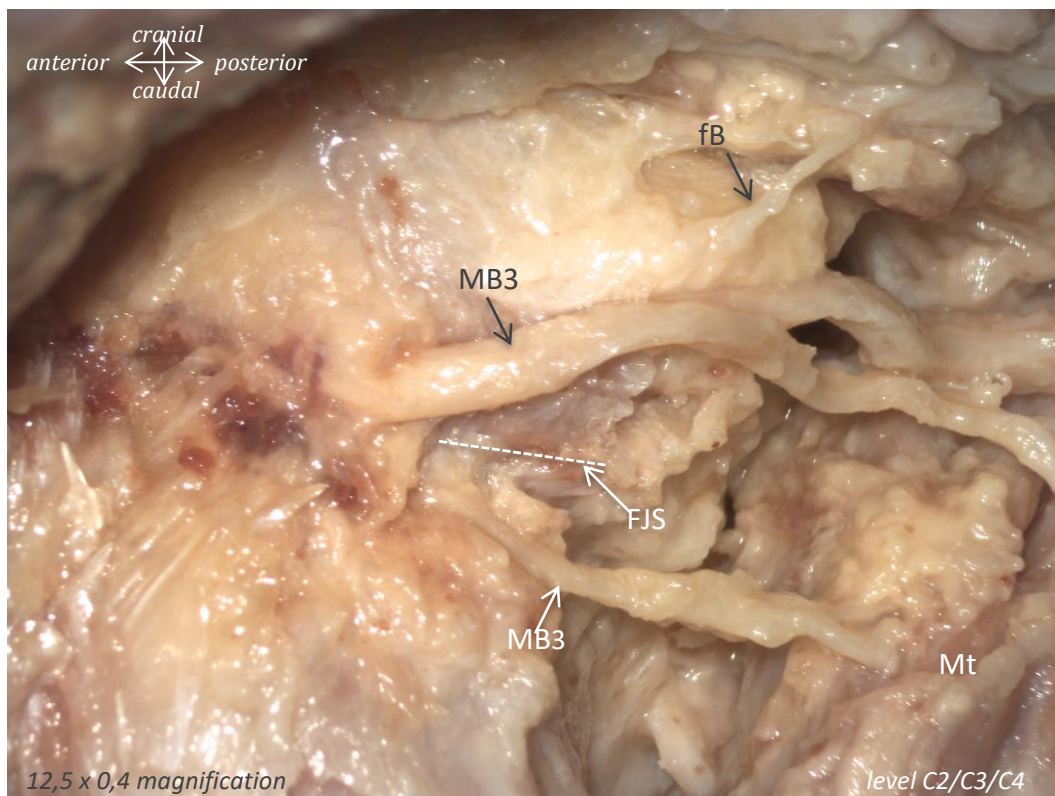
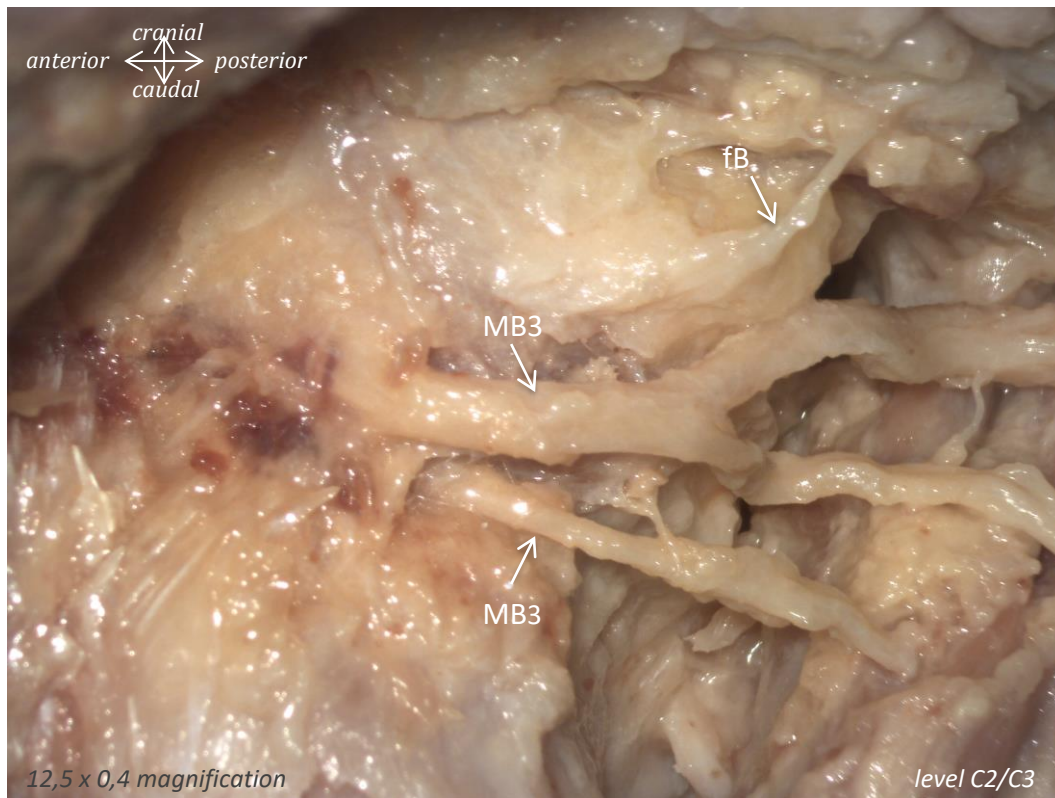
Muscles: mMt = m. multifidi; mSemiCer = m. semispinalis cervicis

Nerves: MB = medial branch

Extra: CZy = capsula articularis zygapophysialis; TP = tuberculum posterius; FJS = facet joint space

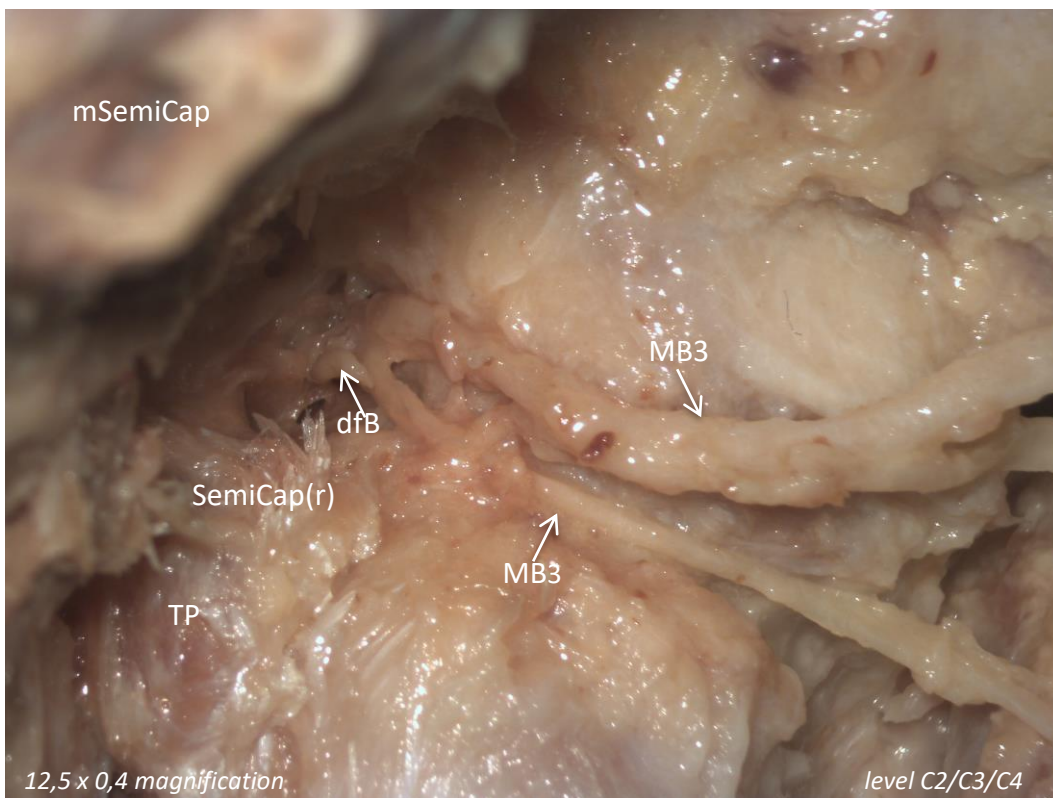
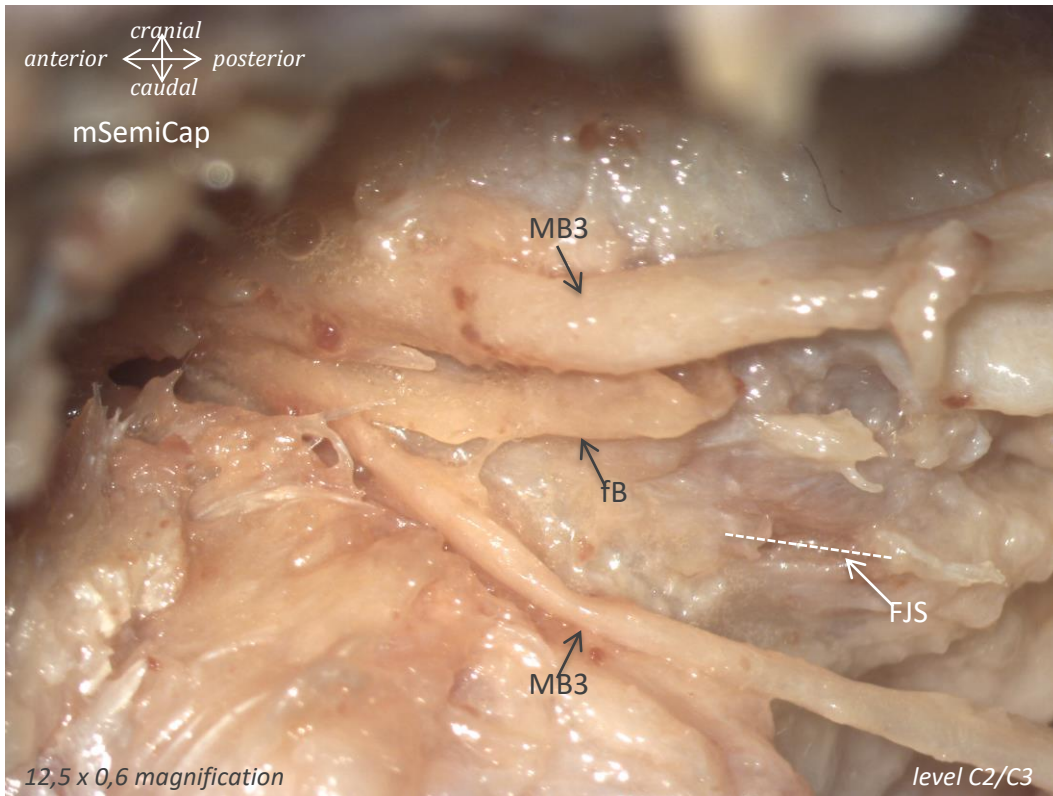
Male, 67 years of age

Origin of medial branch



Muscles: Mt = m. multifidi
Nerves: MB = medial branch; fB = facet joint branch
Extra: FJS = facet joint space

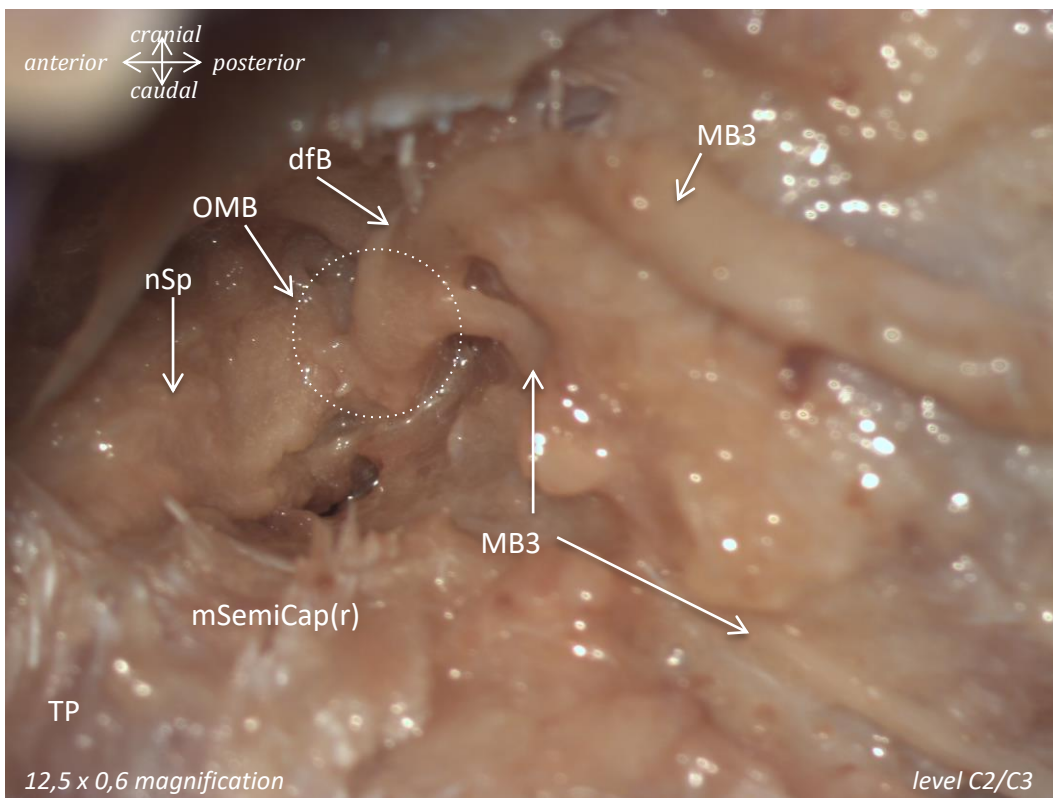
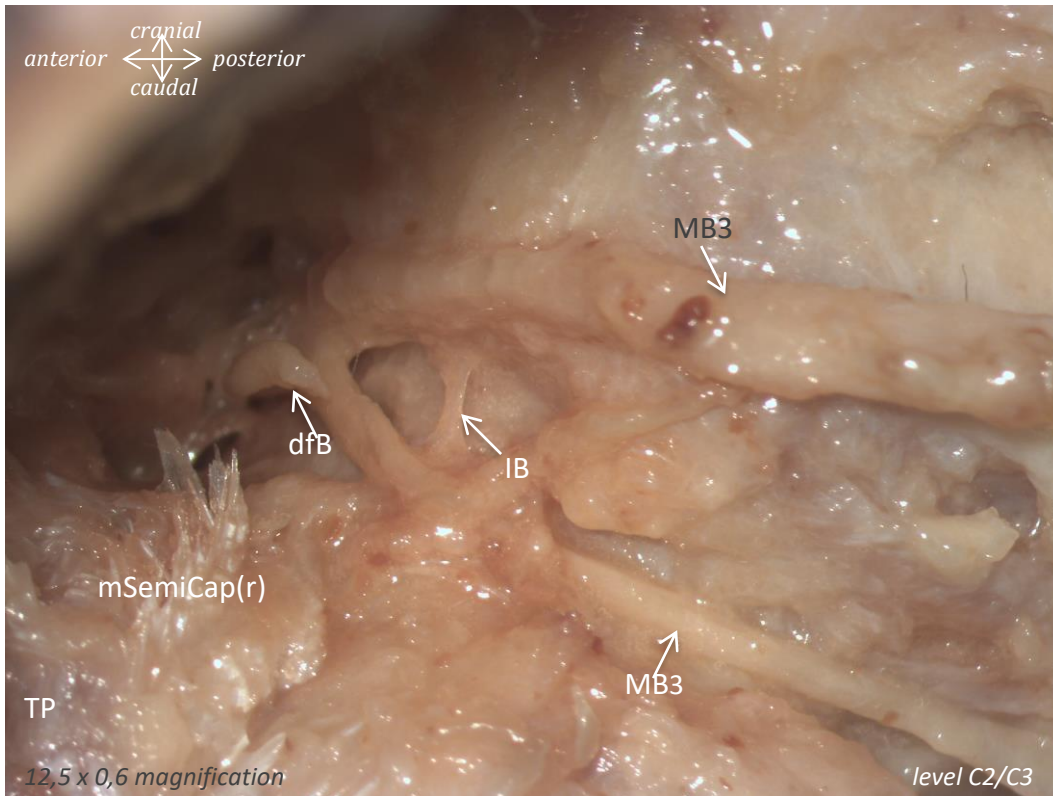
Male, 67 years of age



Muscles: mSemiCap = m. semispinalis capitis; mSemiCap(r) = m. semispinalis capitis (removed)

Nerves: MB = medial branch; fB = facet joint branch; dfB = direct facet joint branch

Extra: TP = tuberculum posterior; FJS = facet joint space

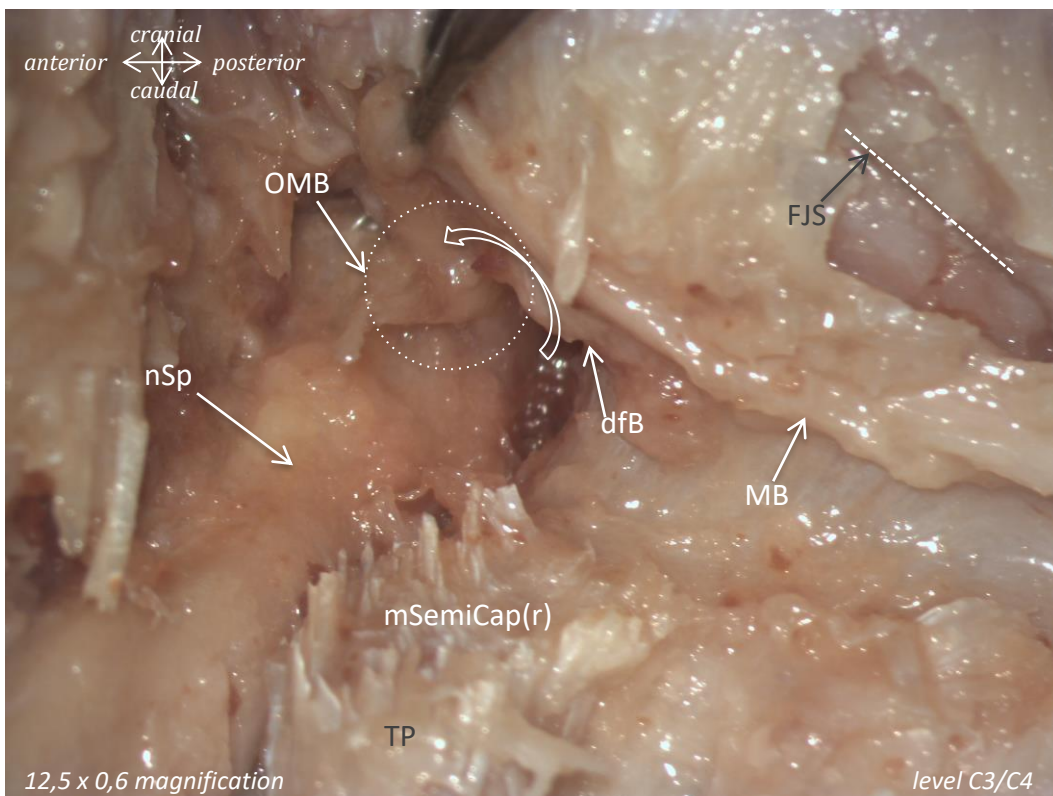
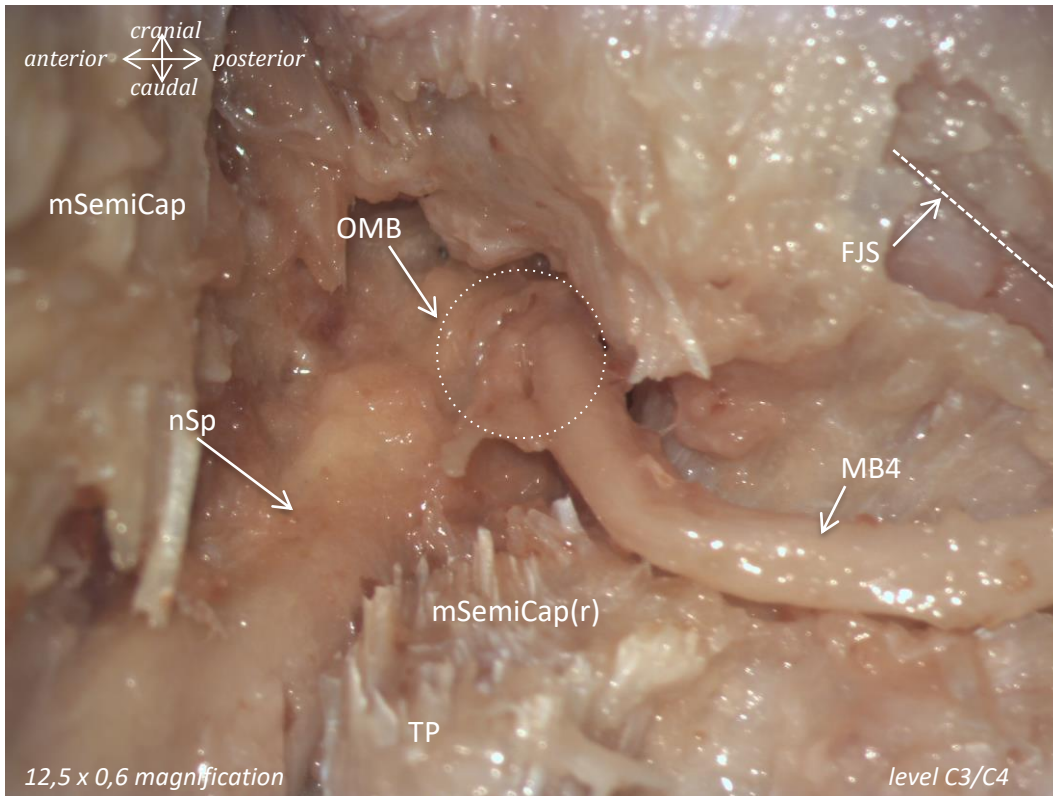


Muscles: mSemiCap(r) = m. semispinalis capitis (removed)

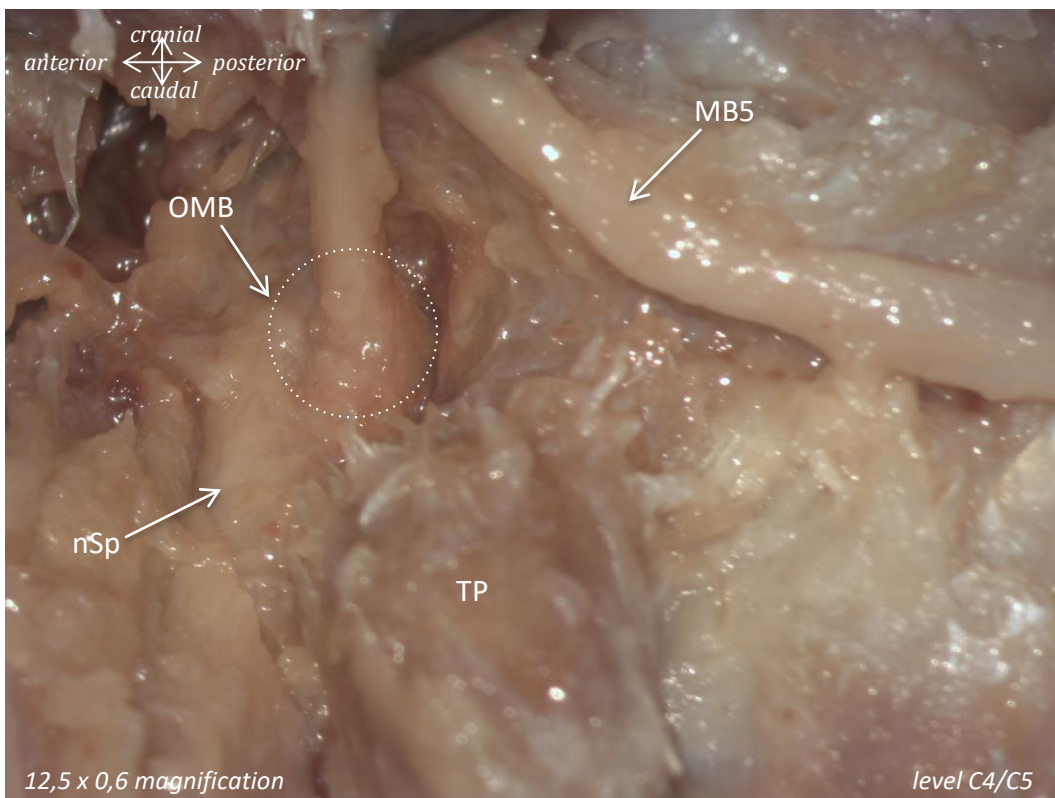
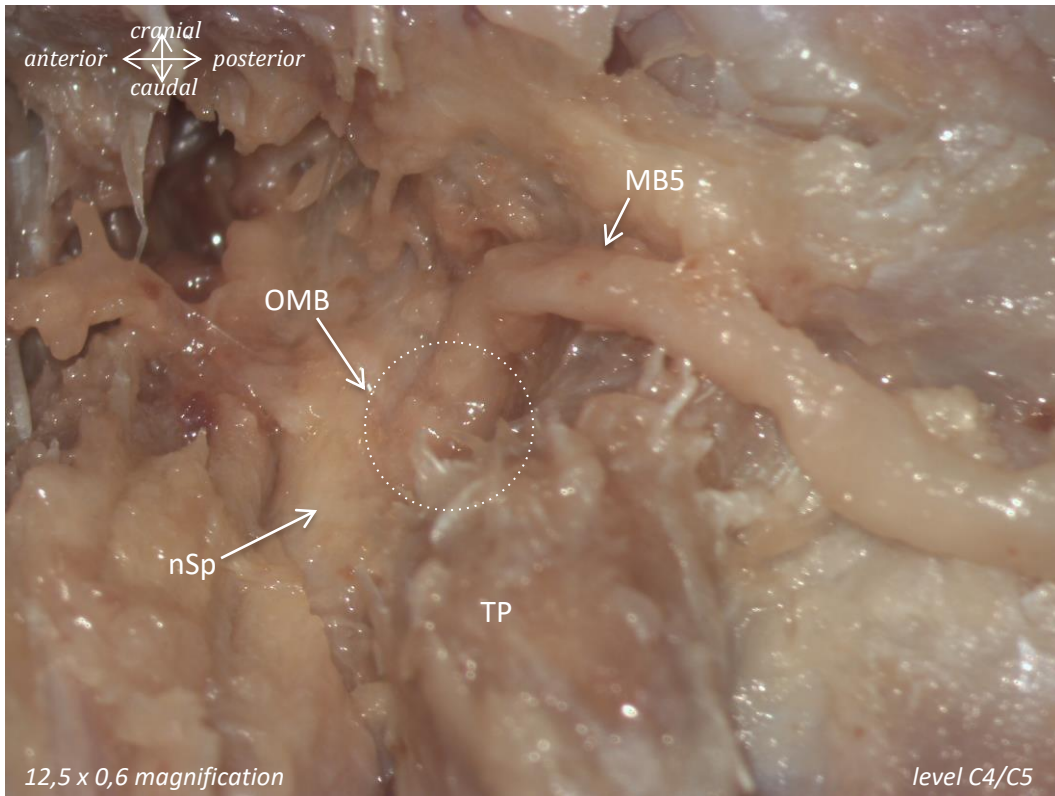
Nerves: MB = medial branch; dfB = direct facet joint branch; OMB = origin medial branch; nSp = n. spinalis; IB = interconnecting branch

Extra: TP = tuberculum posterius

Male, 67 years of age

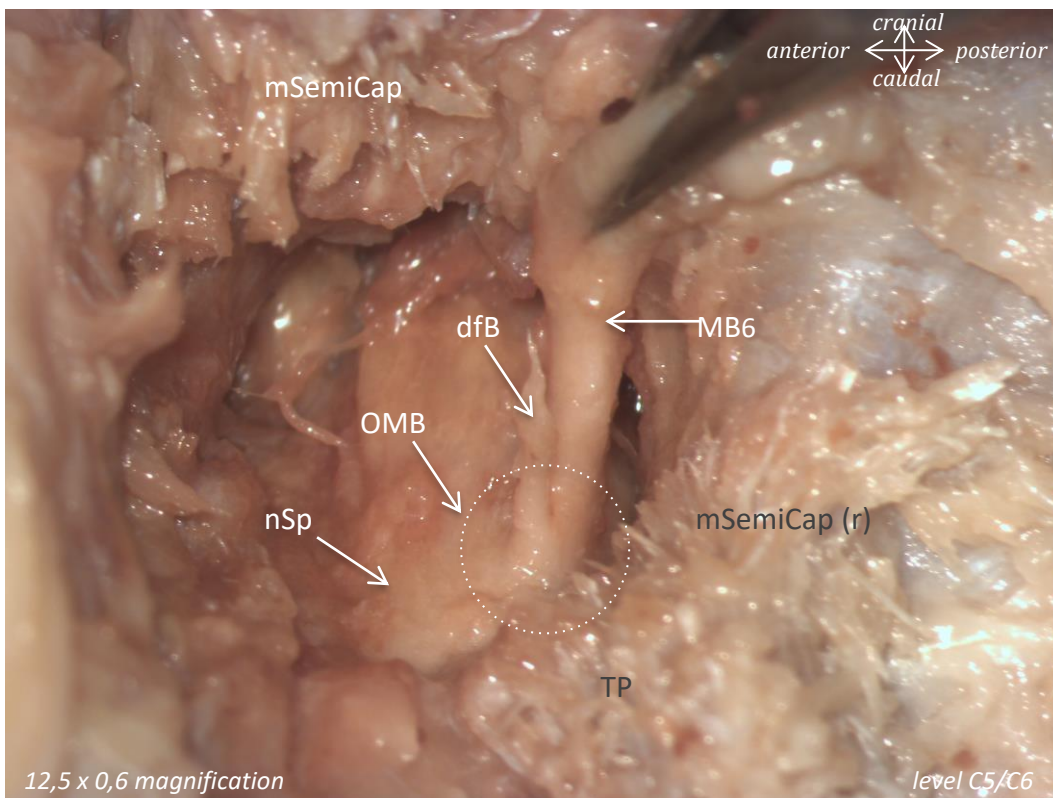
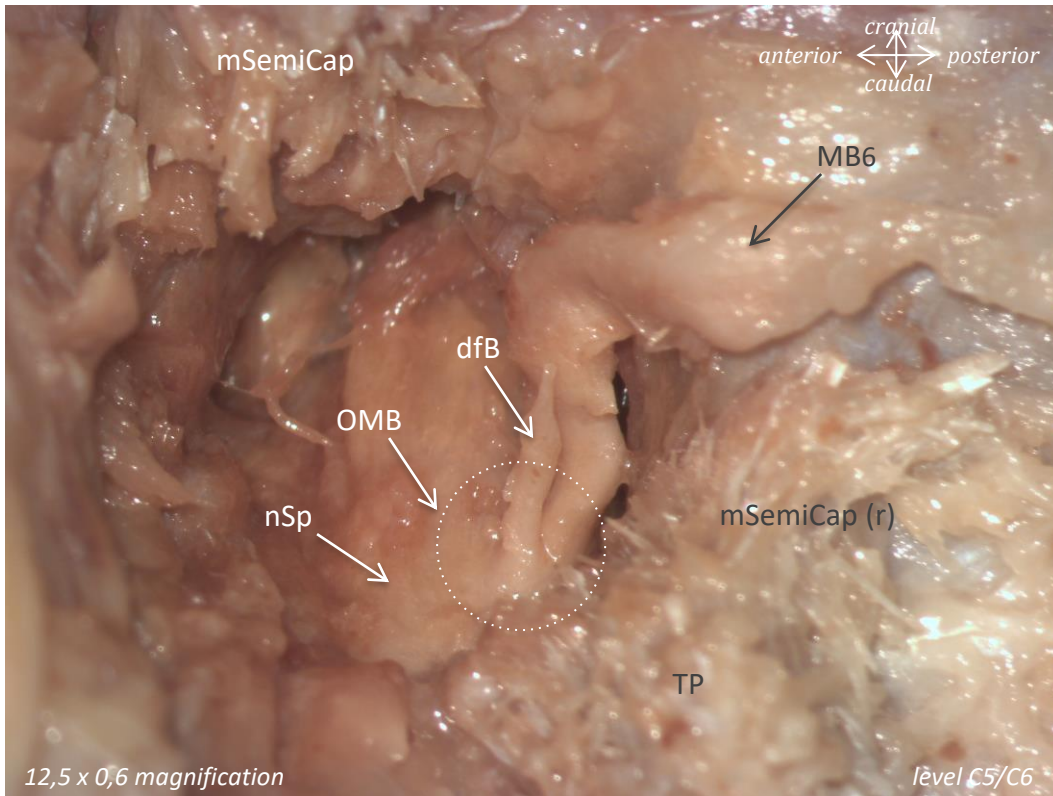


Muscles: mSemiCap = m. semispinalis capitis; mSemiCap(r) = m. semispinalis capitis (removed)
Nerves: MB = medial branch; dfB = direct facet joint branch; OMB = origin medial branch; nSp = n. spinalis
Extra: TP = tuberculum posterior; FJS = facet joint space



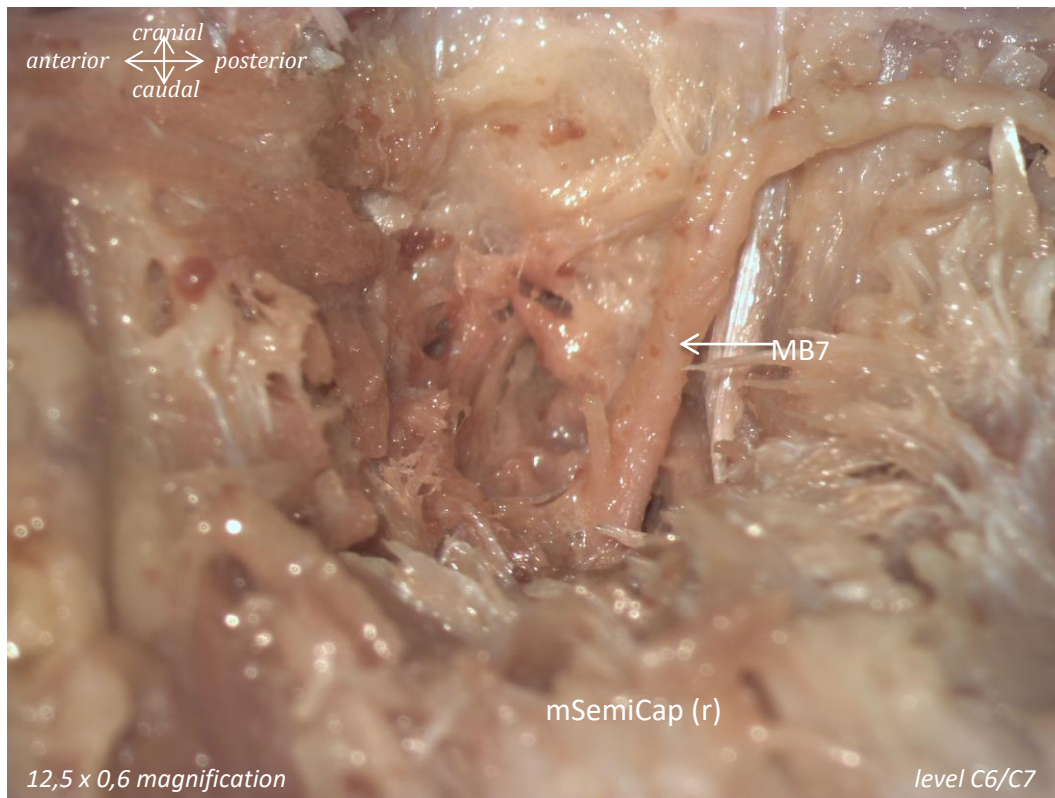
Nerves: MB = medial branch; OMB = origin medial branch; nSp = n. spinalis
Extra: TP = tuberculum posterior

Male, 67 years of age



Muscles: mSemiCap = m. semispinalis capitis; mSemiCap (r) = m. semispinalis capitis (removed)
Nerves: MB = medial branch; dfB = direct facet joint branch; OMB = origin medial branch; nSp = n. spinalis
Extra: TP = tuberculum posterior

Male, 67 years of age



Muscles: mSemiCap (r) = m. semispinalis capitis (removed)
Nerves: MB = medial branch