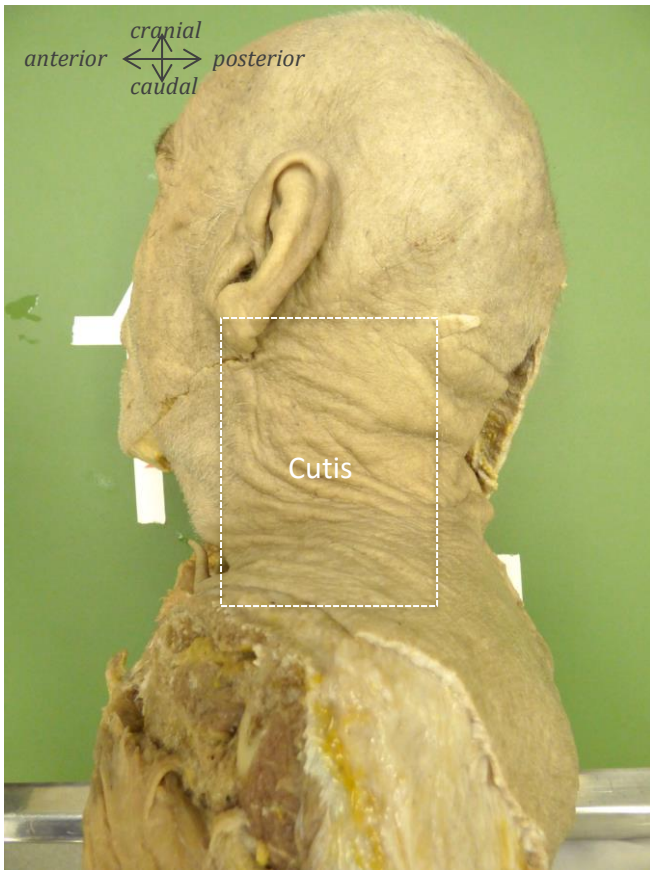


A dorsolateral dissection of the cervical neck

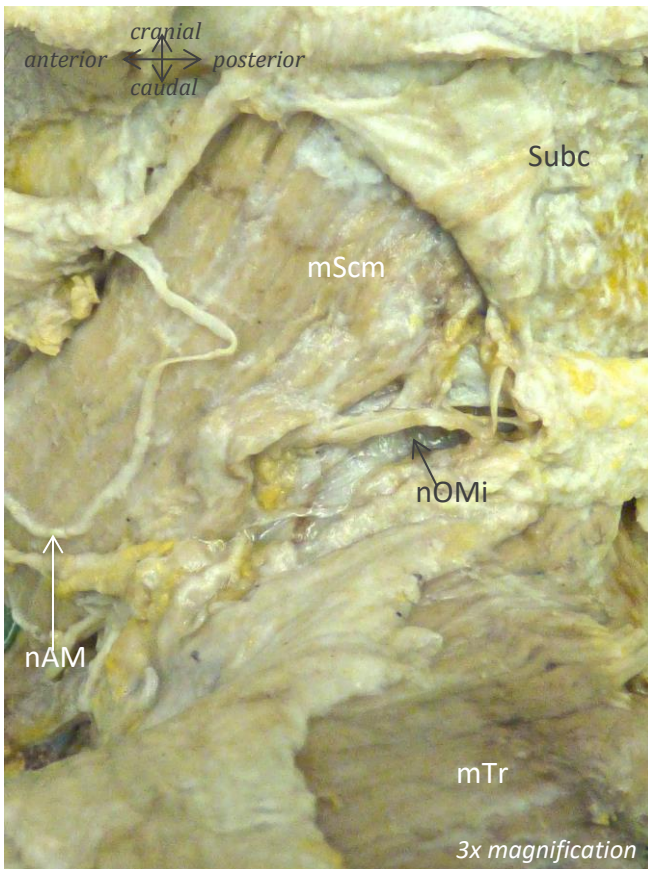
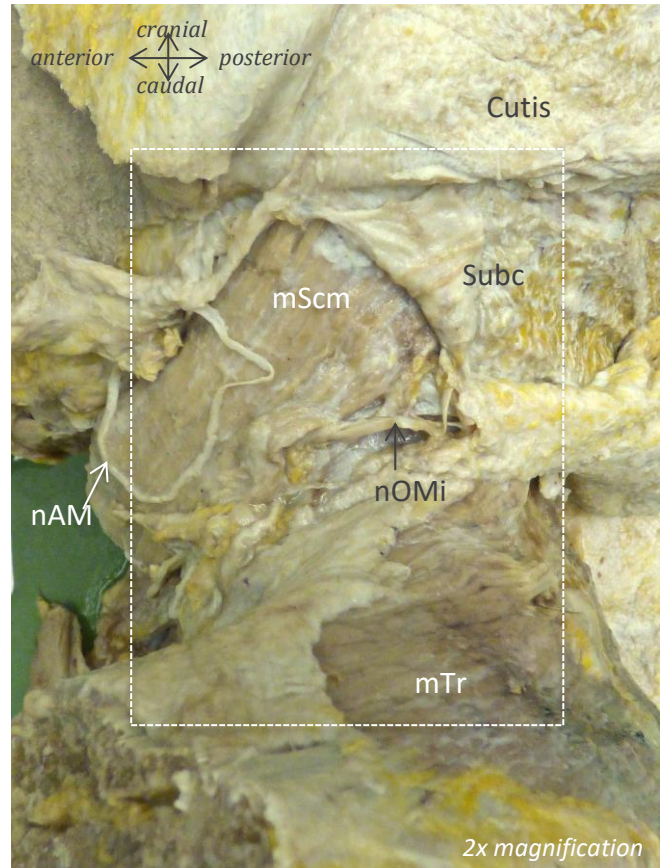
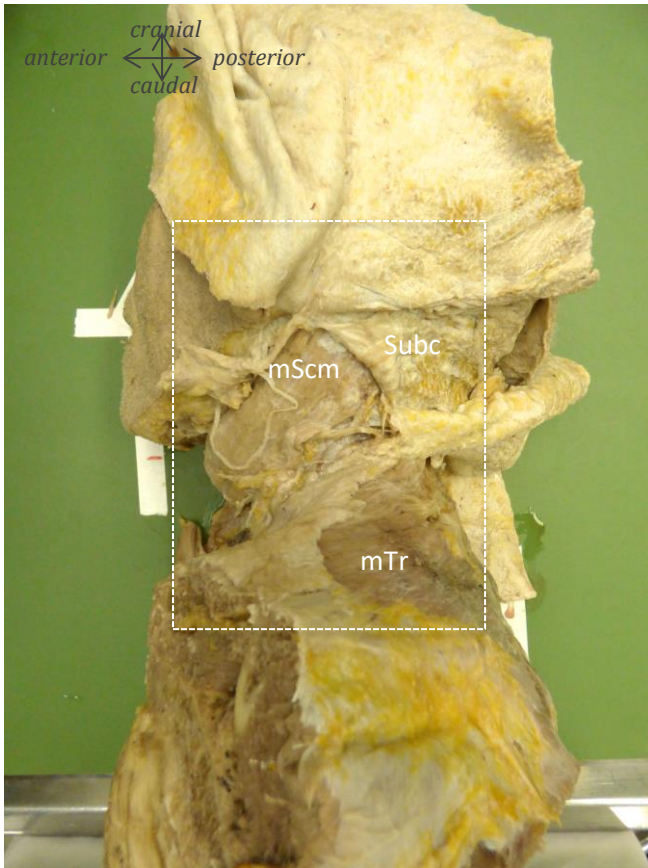
*dissection from skin to facet joints of the
cervical region, documented stepwise by high
resolution pictures with all relevant structures
labeled*

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



Extra: Subc = subcutis

Male, 76 years of age



Muscles

mScm = m. sternocleidomastoideus

mTr = m. trapezius

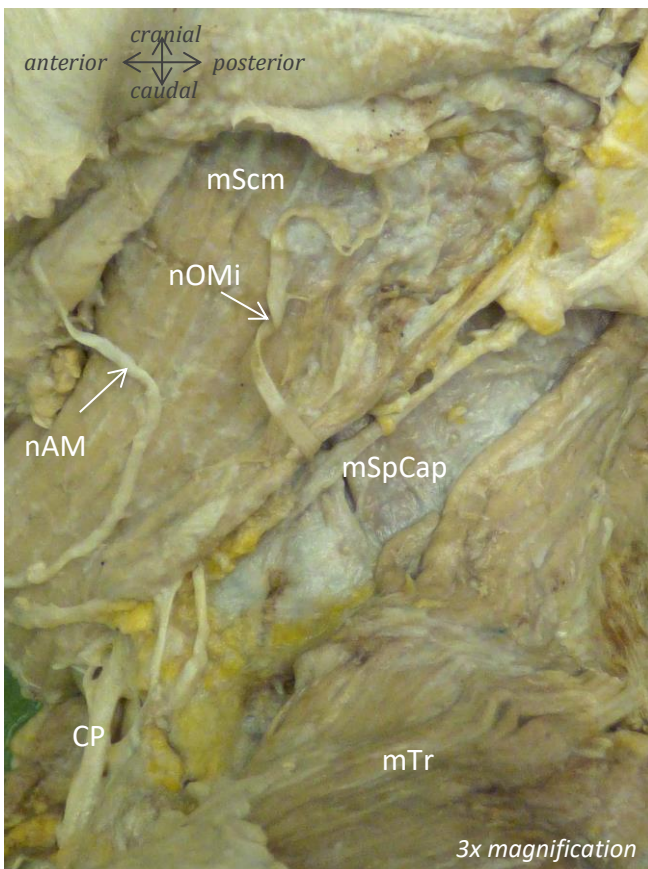
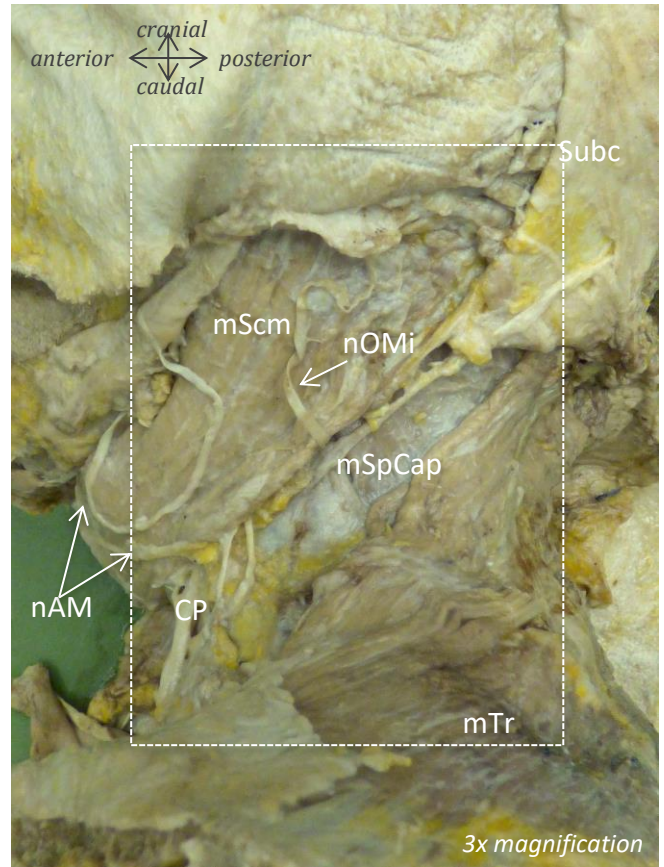
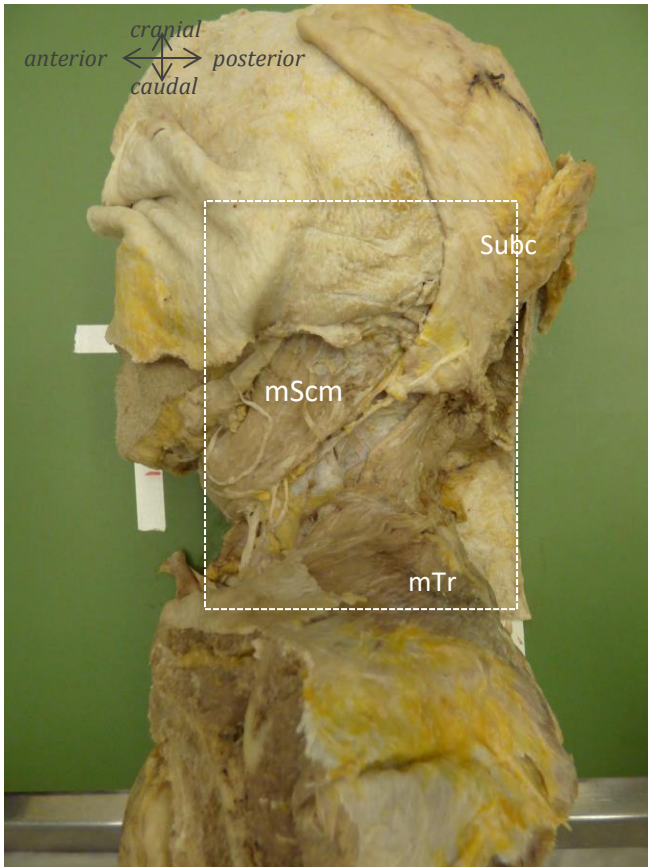
Nerves

nOMi = n. occipitalis minor

nAM = n. auricularis magnus

Extra

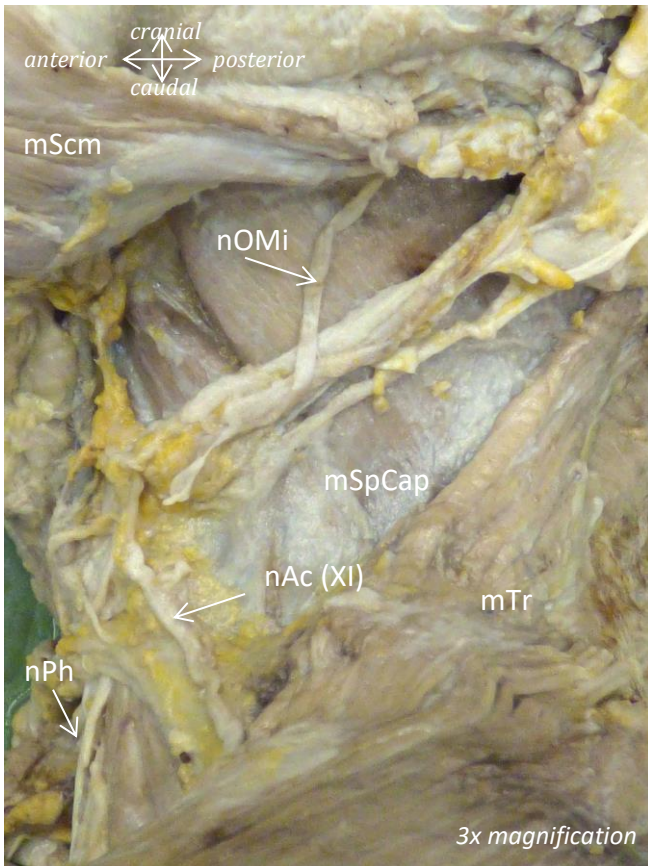
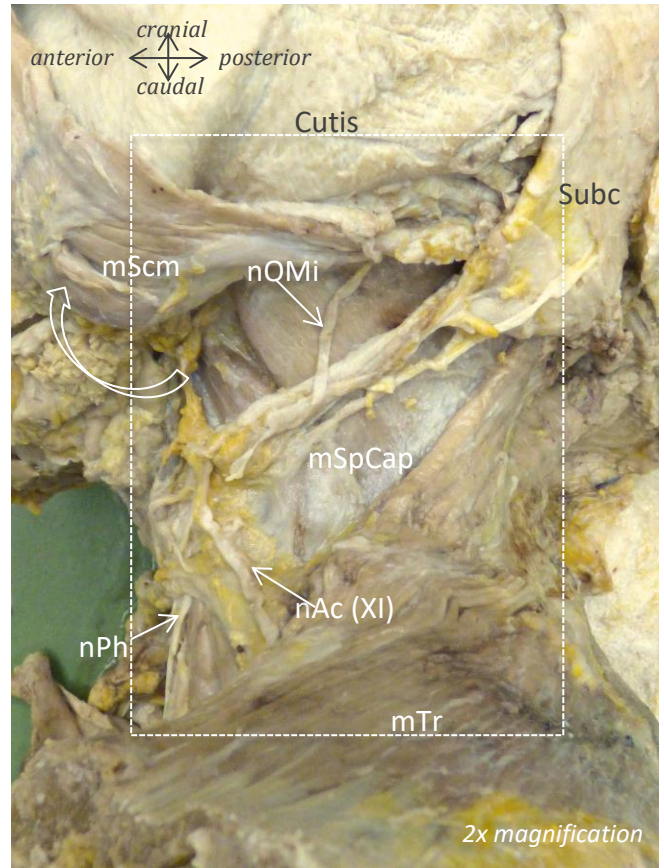
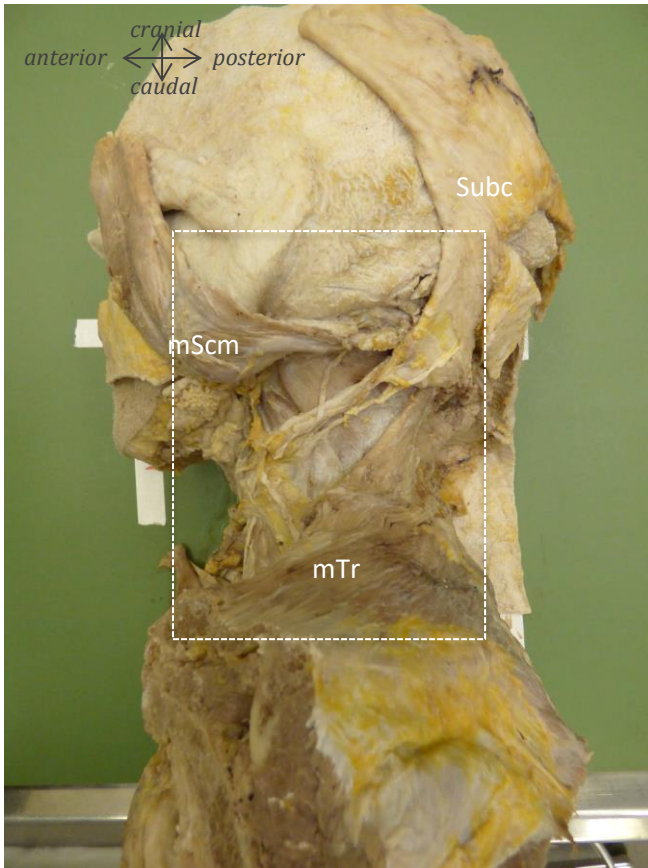
Subc = subcutis



Muscles
 mScm = m. sternocleidomastoideus
 mSpCap = m. semispinalis capitis
 mTr = m. trapezius

Nerves
 nOMi = n. occipitalis minor
 nAM = n. auricularis magnus
 CP = cervical plexus

Extra
 Subc = subcutis



Muscles

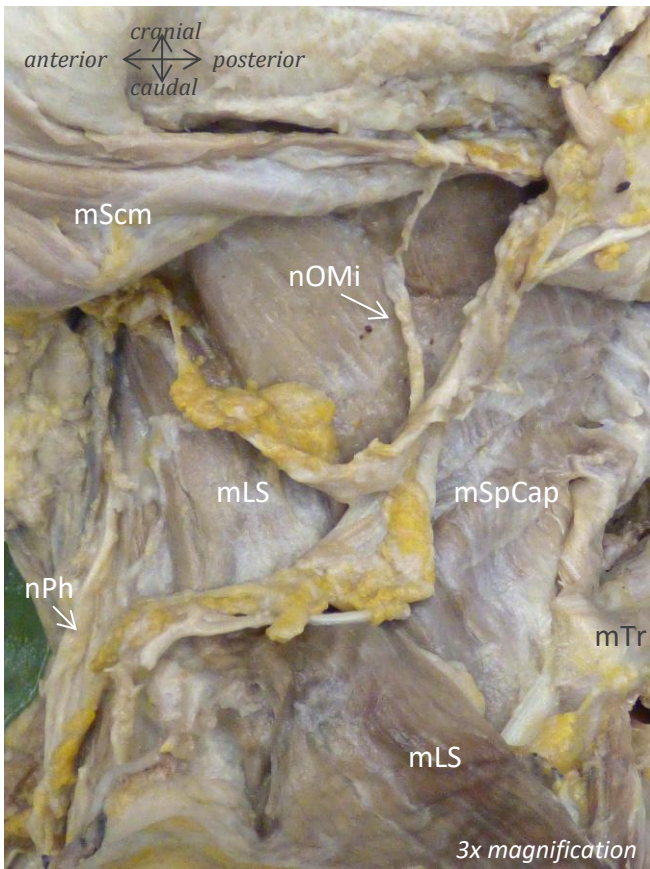
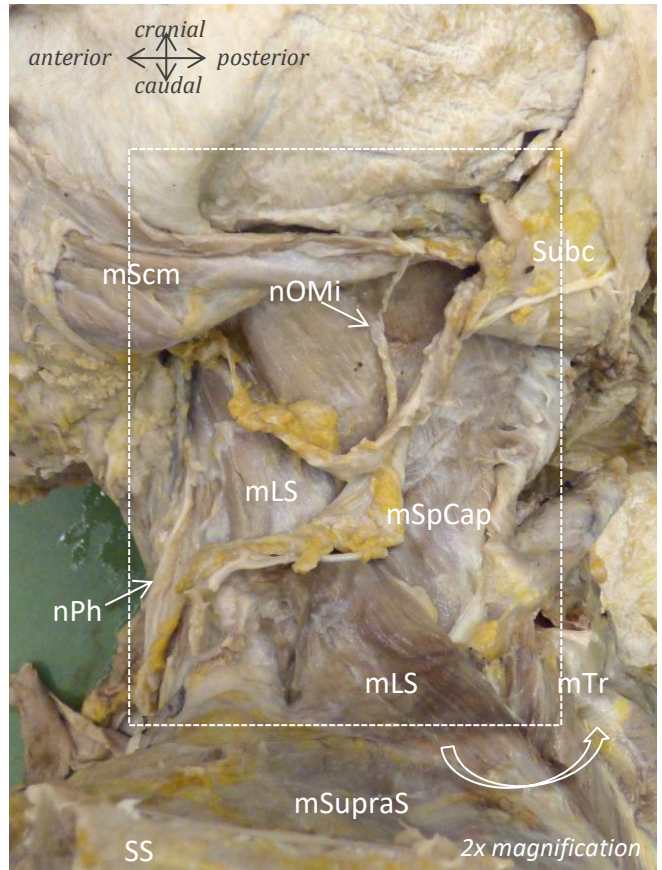
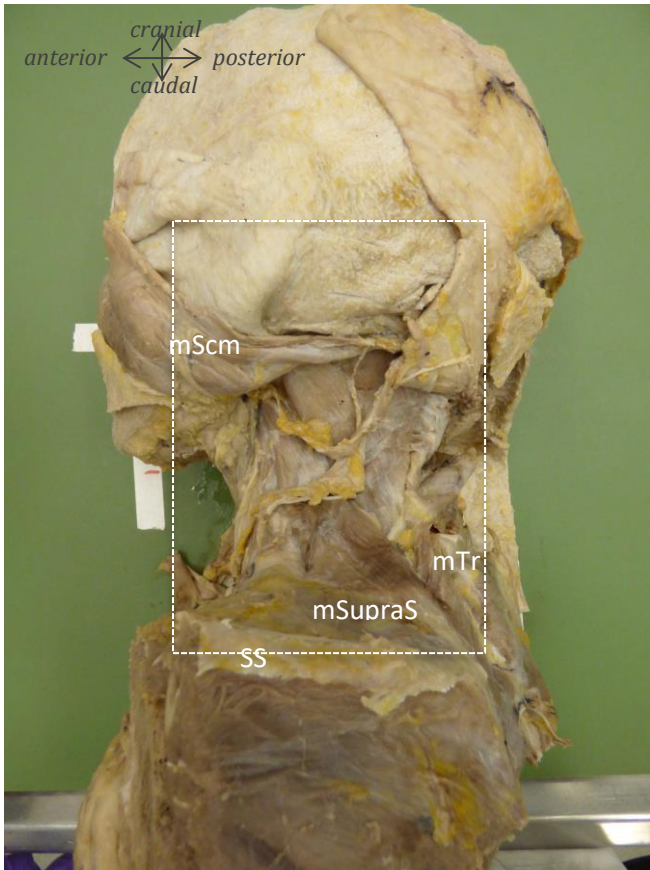
- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis
- mTr = m. trapezius

Nerves:

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

Extra

- Subc = subcutis



Muscles

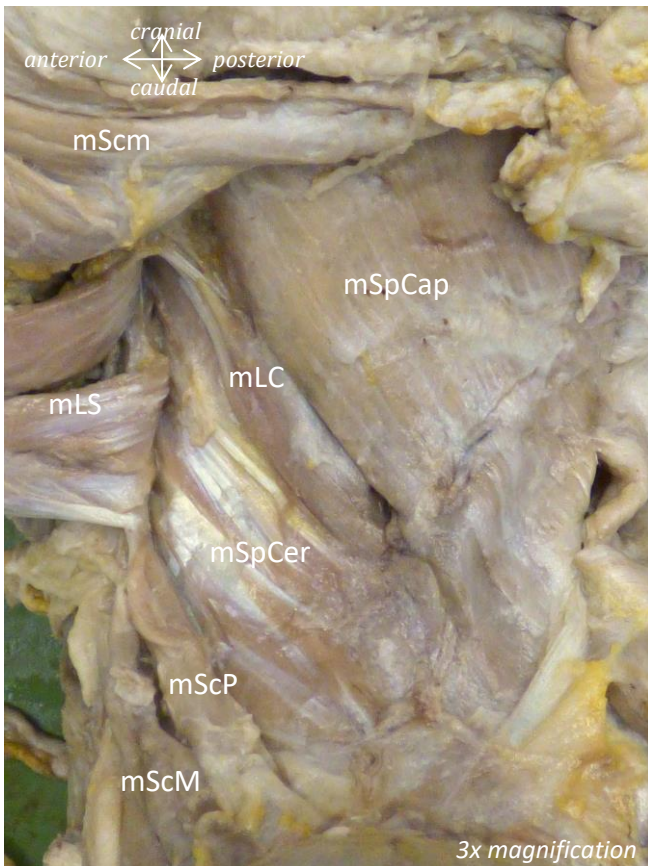
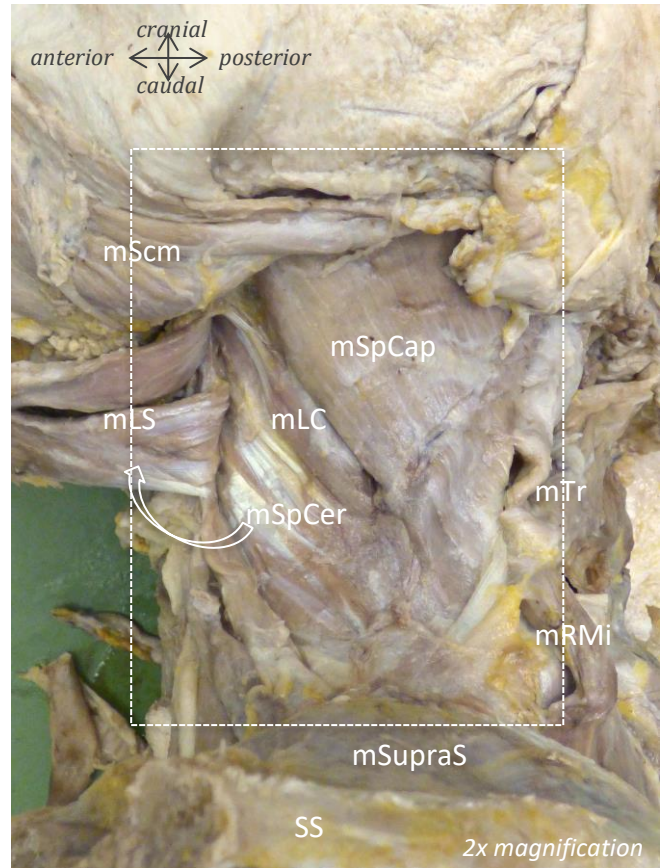
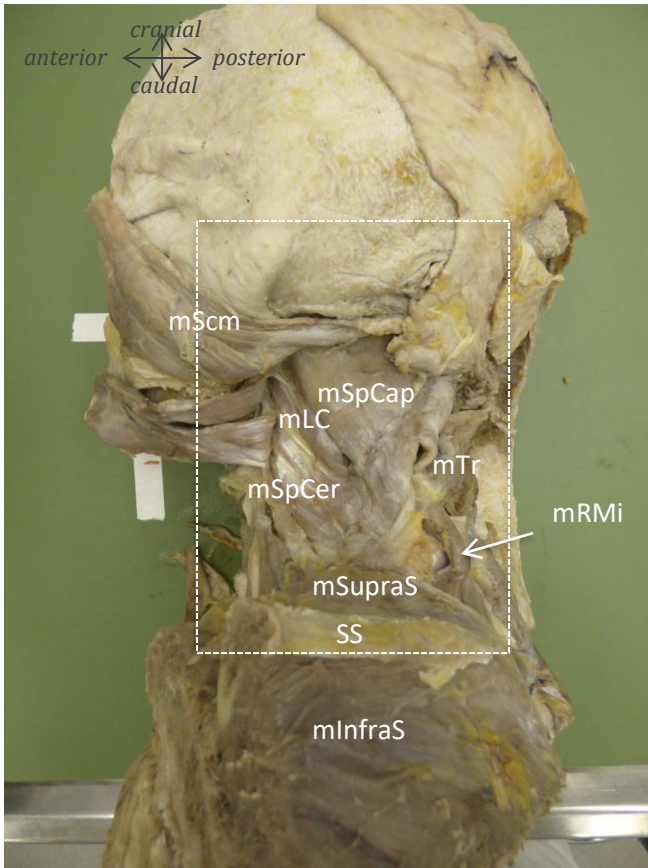
- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis
- mLS = m. levator scapulae
- mTr = m. trapezius (folded)
- mSupraS = m. supraspinatus

Nerves:

- nOMi = n. occipitalis minor
- nPh = n. phrenicus

Extra

- Subc = subcutis
- SS = spinae scapula

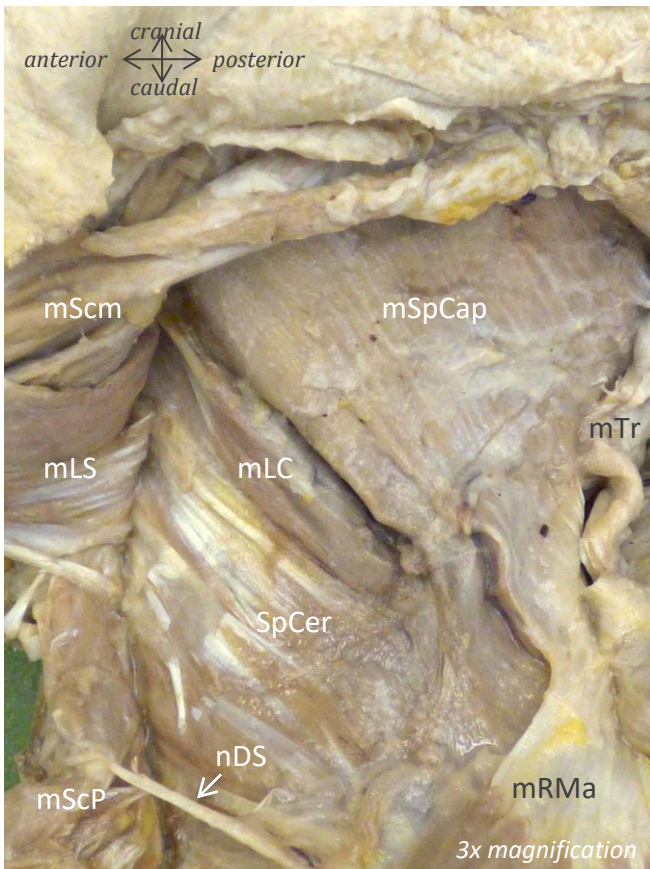
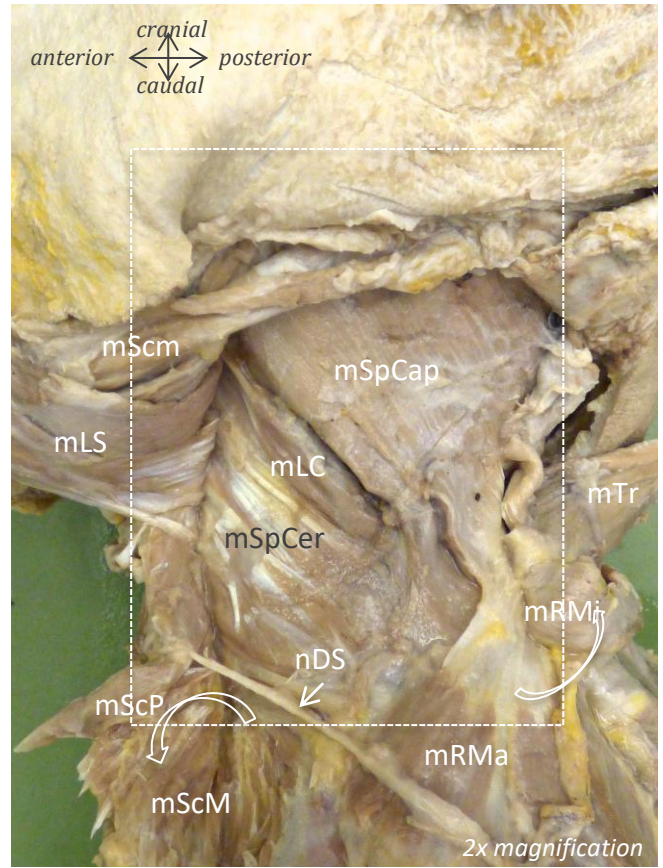
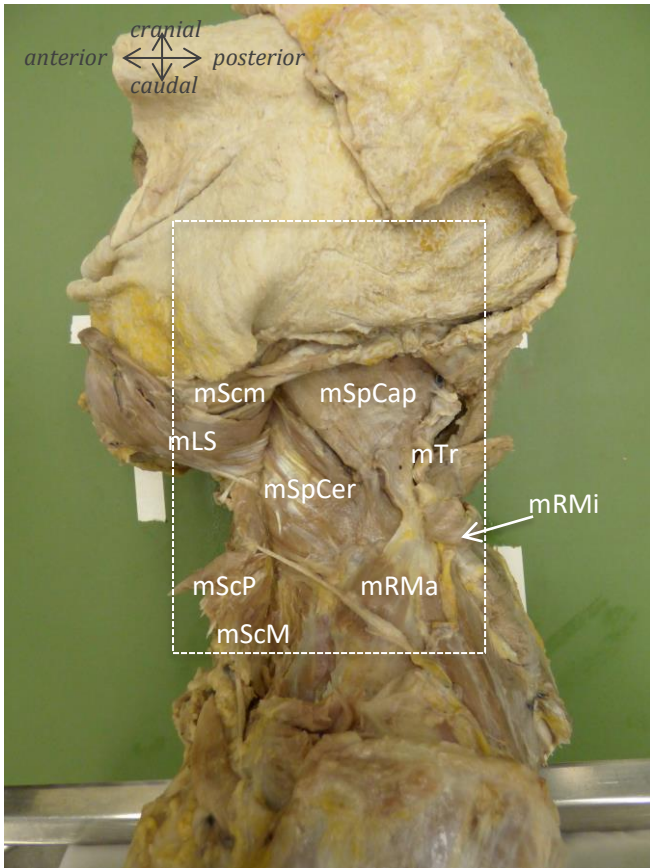


Muscles

- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis
- mSpCer = m. splenius cervicis
- mLS = m. levator scapulae (folded)
- mLC = m. longissimus capitis
- mTr = m. trapezius (folded)
- mSupraS = m. supraspinatus
- mInfraS = m. infraspinatus
- mRMi = m. rhomboideus minor
- mScP = m. scalenus posterior
- mScM = m. scalenus medius

Extra

SS = spinae scapula

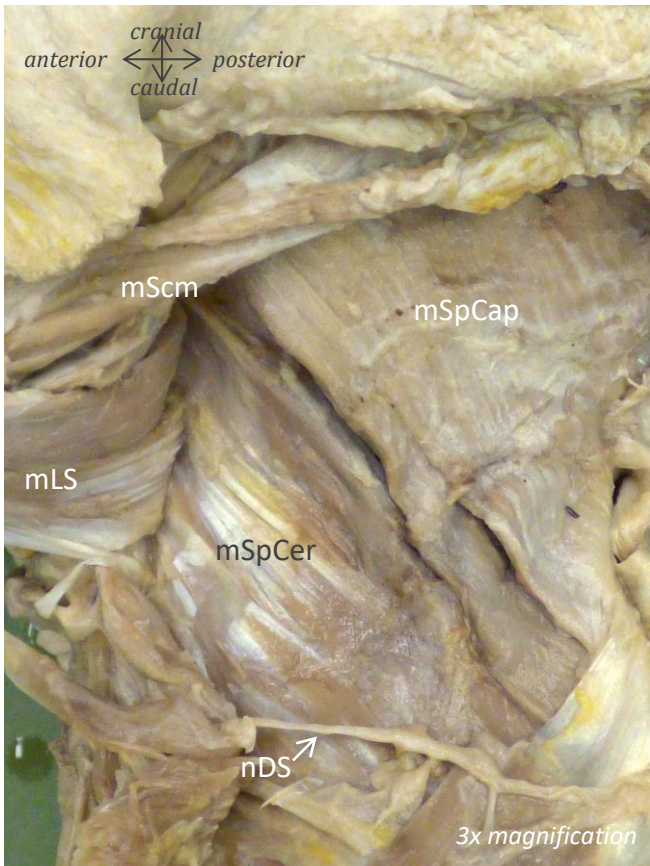
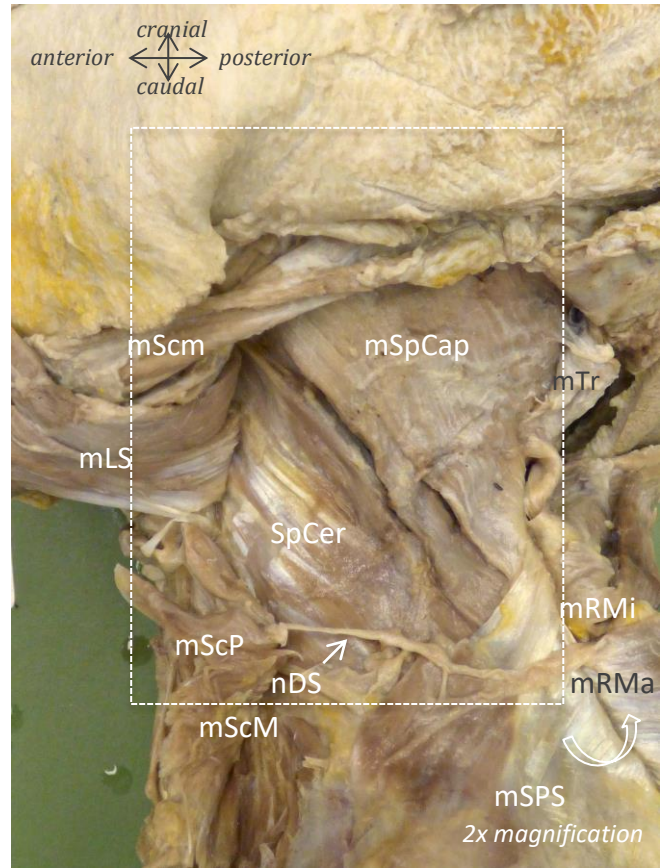
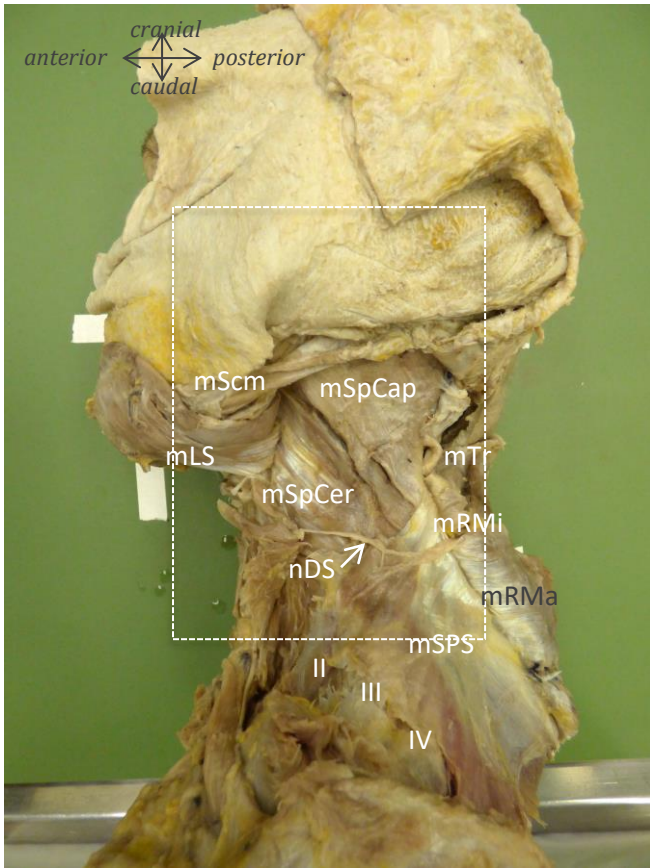


Muscles

- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis
- mSpCer = m. splenius cervicis
- mLS = m. levator scapulae (folded)
- mLC = m. longissimus capitis
- mTr = m. trapezius (folded)
- mRMI = m. rhomboideus minor
- mRMA = m. rhomboideus major
- mScP = m. scalenus posterior (folded)
- mScM = m. scalenus medius (folded)

Nerves:

- nDS = n. dorsalis scapulae

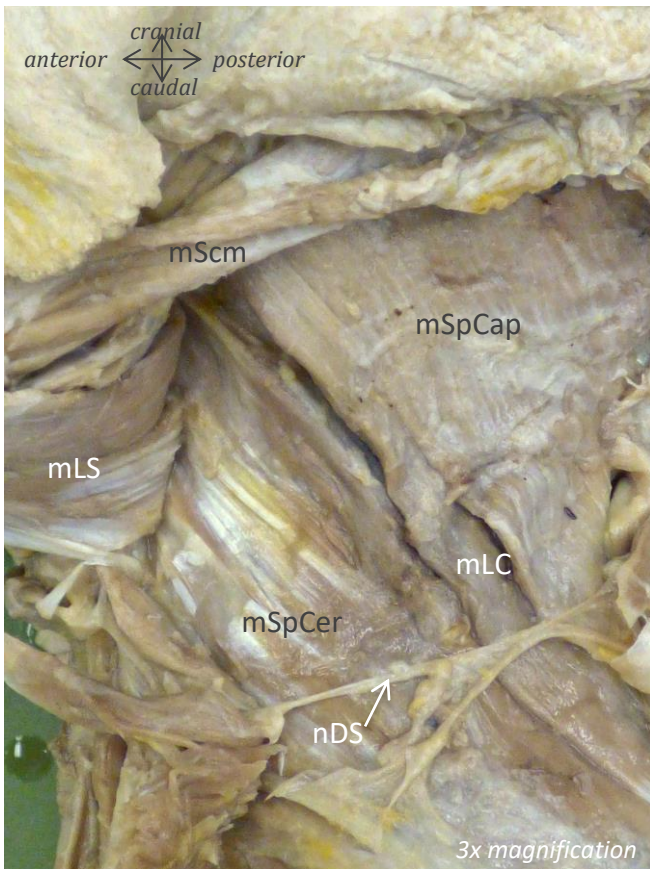
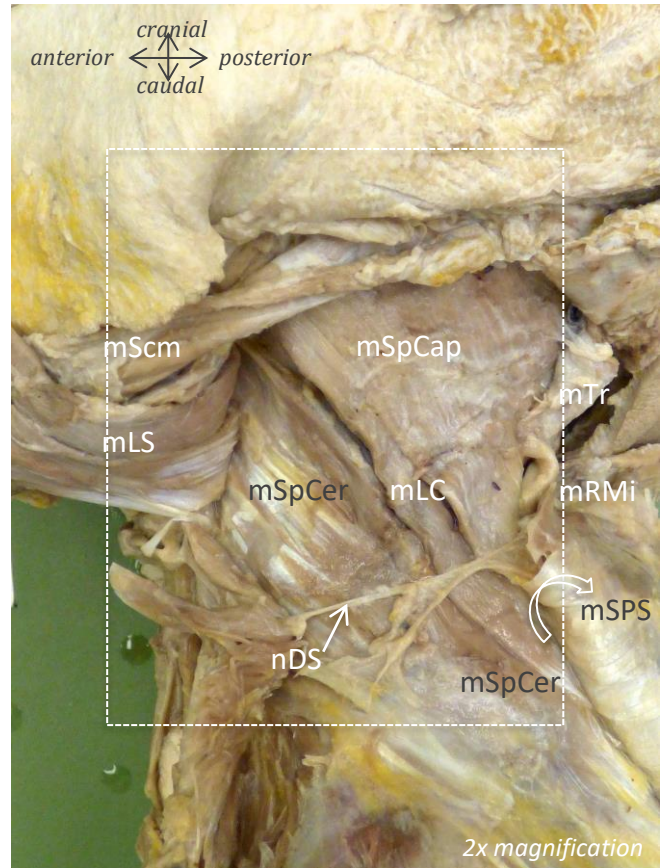
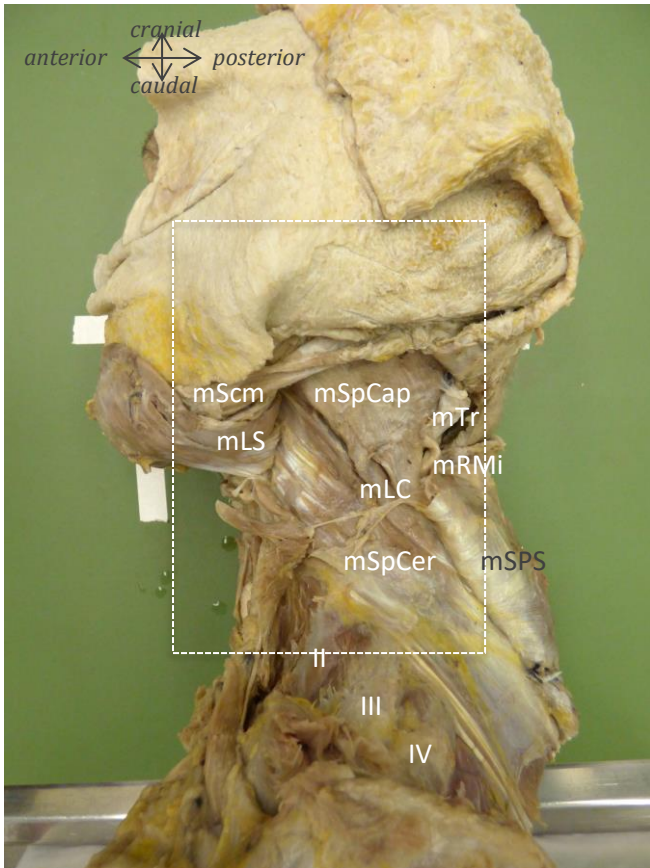


Muscles

- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis
- mSpCer = m. splenius cervicis
- mLS = m. levator scapulae (folded)
- mLC = m. longissimus capitis
- mTr = m. trapezius (folded)
- mRMI = m. rhomboideus minor (folded)
- mRMa = m. rhomboideus major (folded)
- mSPS = m. serratus posterior superior
- mScP = m. scalenus posterior
- mScM = m. scalenus medius

Nerves:

- nDS = n. dorsalis scapulae
- II, III, IV = costae

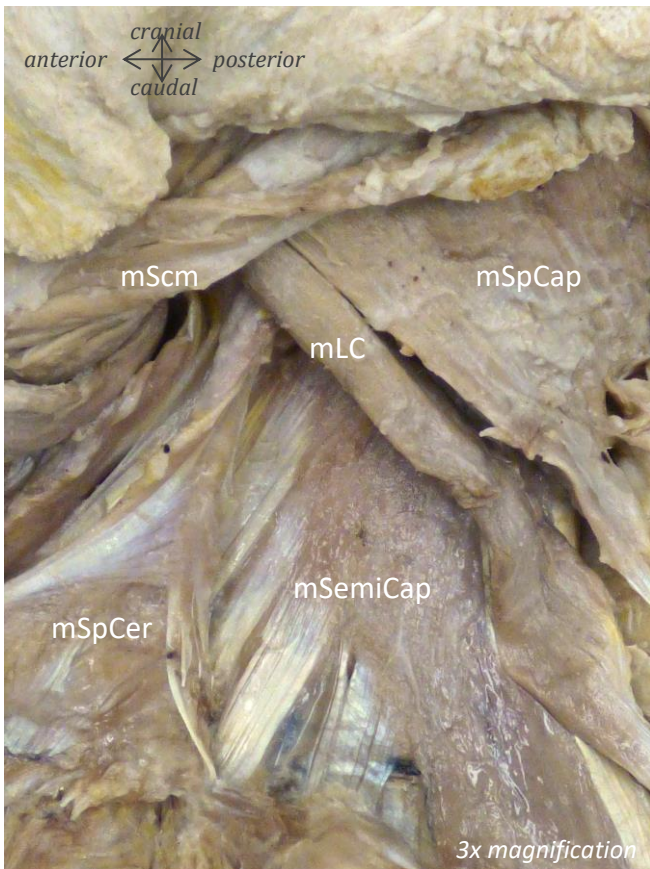
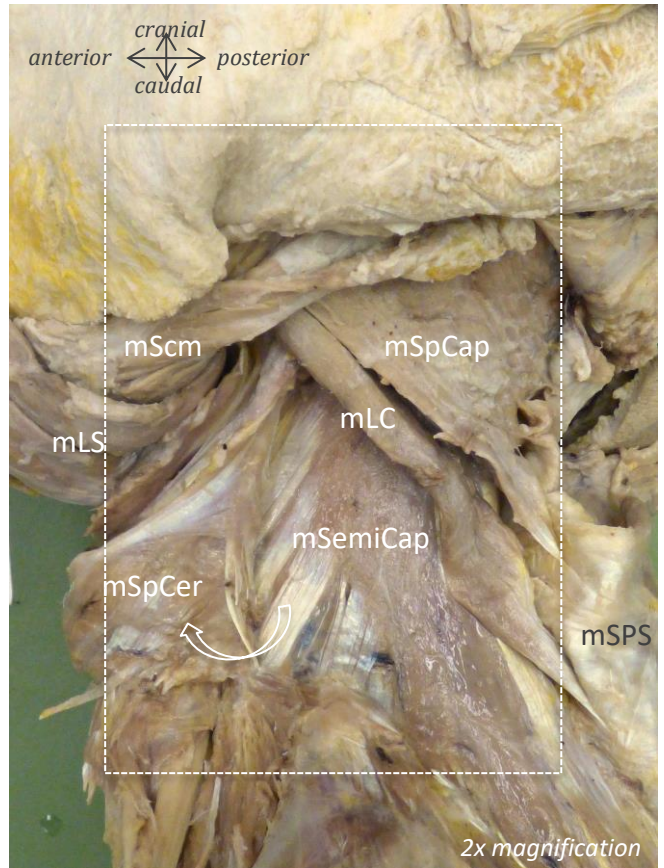
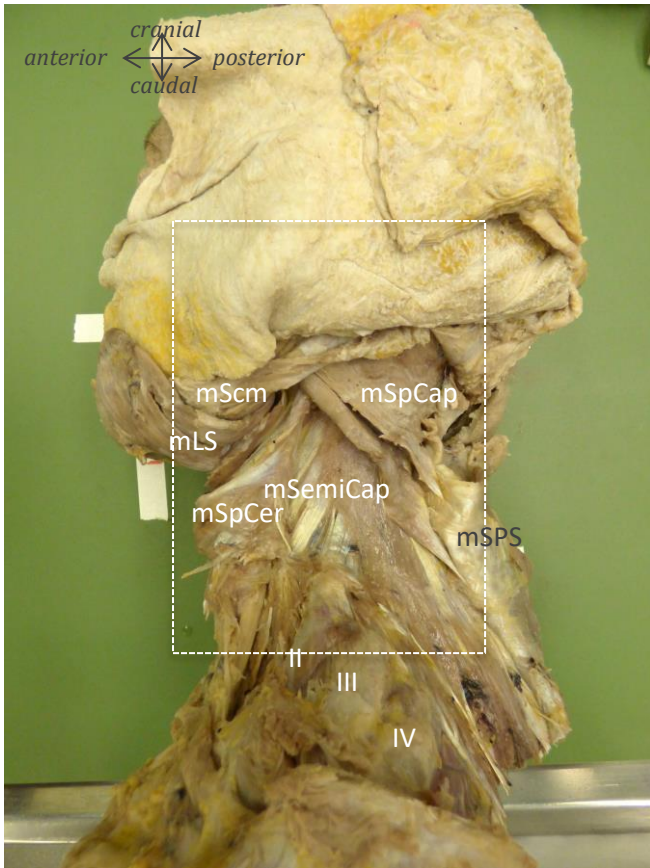


Muscles

- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis
- mSpCer = m. splenius cervicis
- mLS = m. levator scapulae (folded)
- mLC = m. longissimus capitis
- mTr = m. trapezius (folded)
- mRMI = m. rhomboideus minor (folded)
- mSPS = m. serratus posterior superior (folded)

Nerves:

- nDS = n. dorsalis scapulae
- II, III, IV = costae

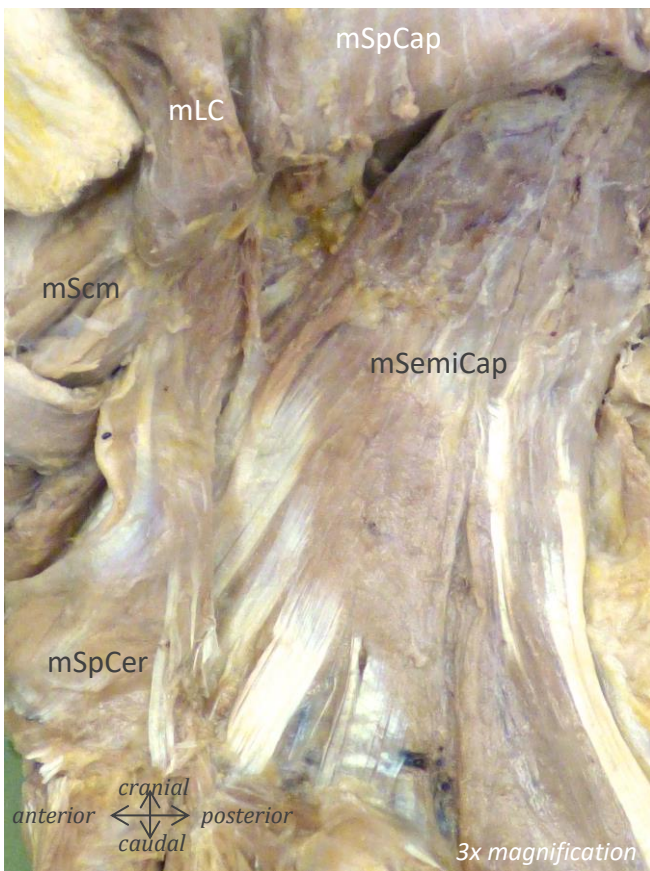
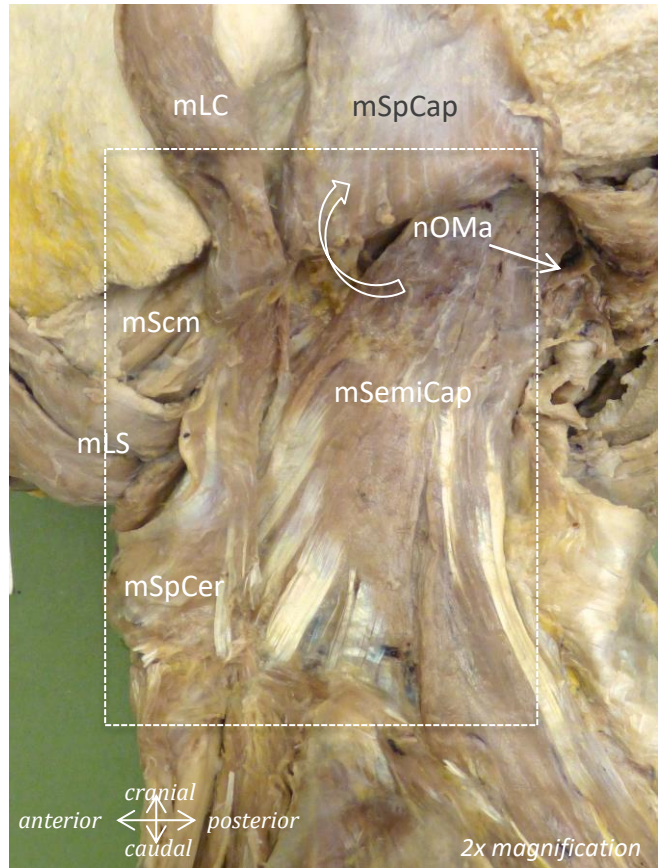
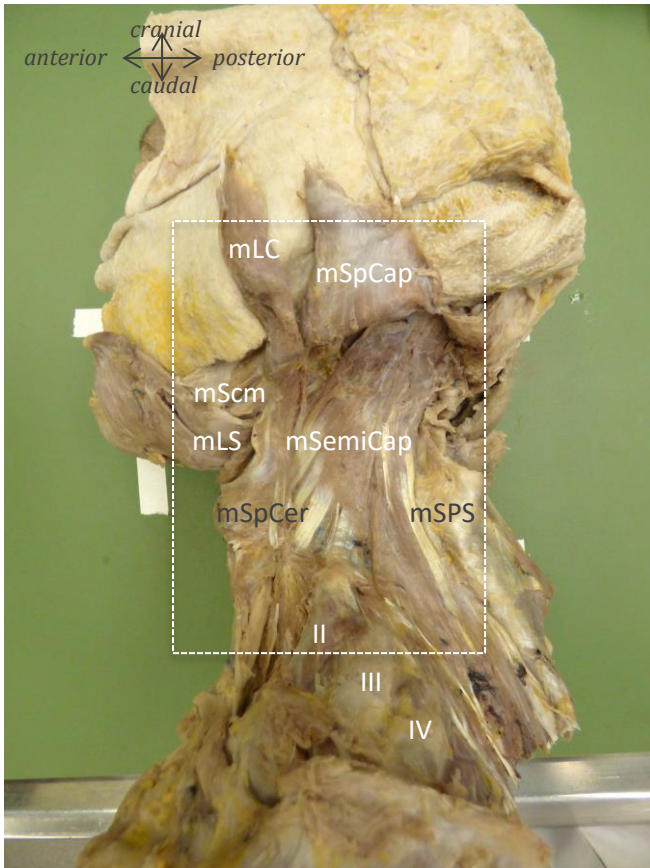


Muscles

- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis
- mSpCer = m. splenius cervicis (folded)
- mSemiCap = m. semispinalis capitis
- mLS = m. levator scapulae (folded)
- mLC = m. longissimus capitis
- mSPS = m. serratus posterior superior (folded)

Extra

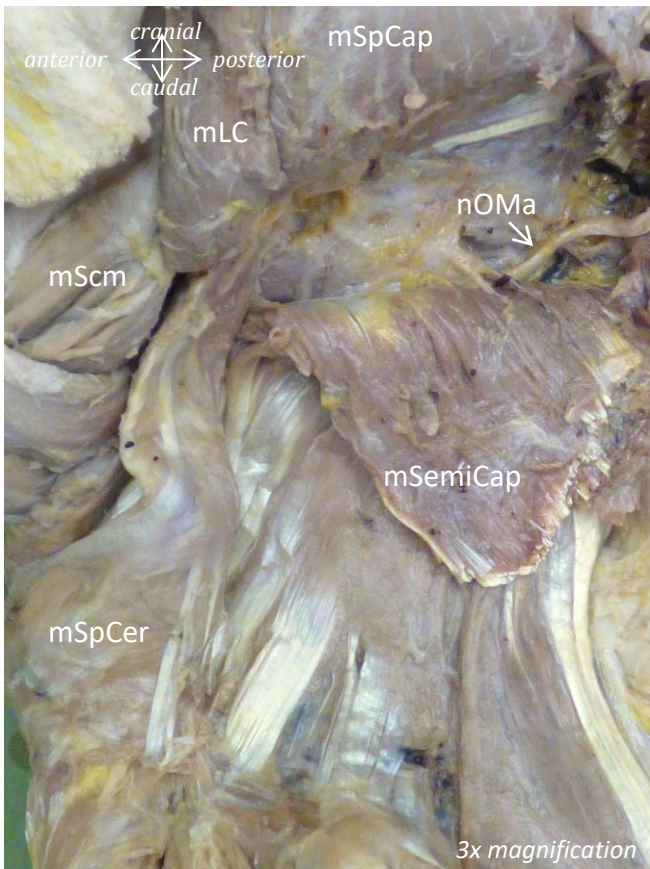
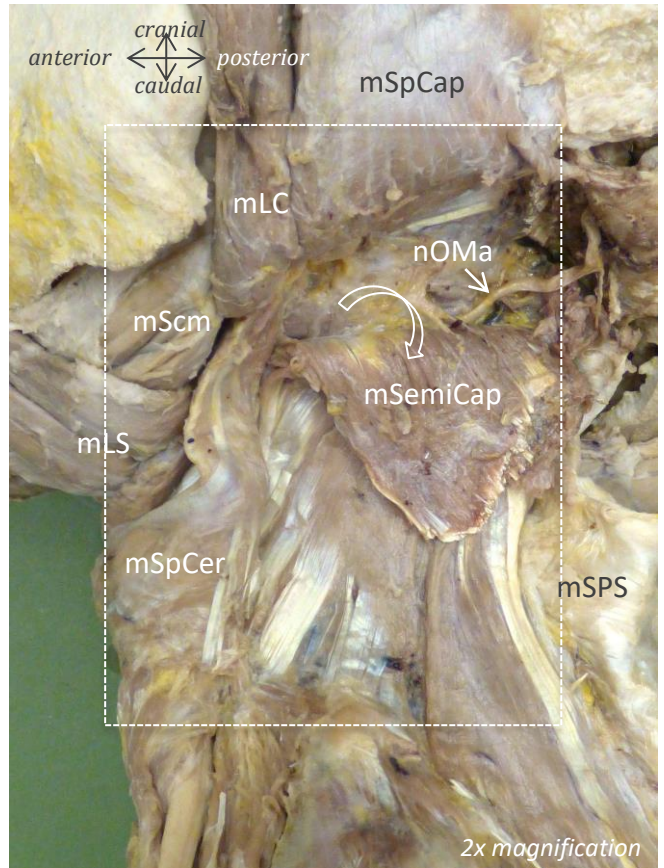
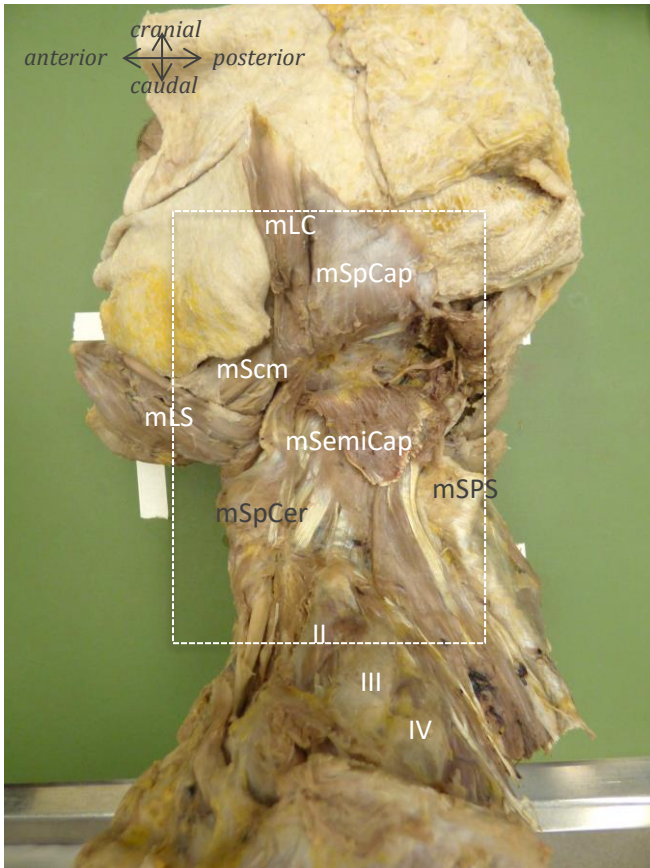
II, III, IV = costae



Muscles
 mScm = m. sternocleidomastoideus (folded)
 mSpCap = m. splenius capitis (folded)
 mSpCer = m. splenius cervicis (folded)
 mSemiCap = m. semispinalis capitis
 mLS = m. levator scapulae (folded)
 mLC = m. longissimus capitis (folded)
 mSPS = m. serratus posterior superior (folded)

Nerves
 nOMa = n. occipitalis major

Extra
 II, III, IV = costae



Muscles

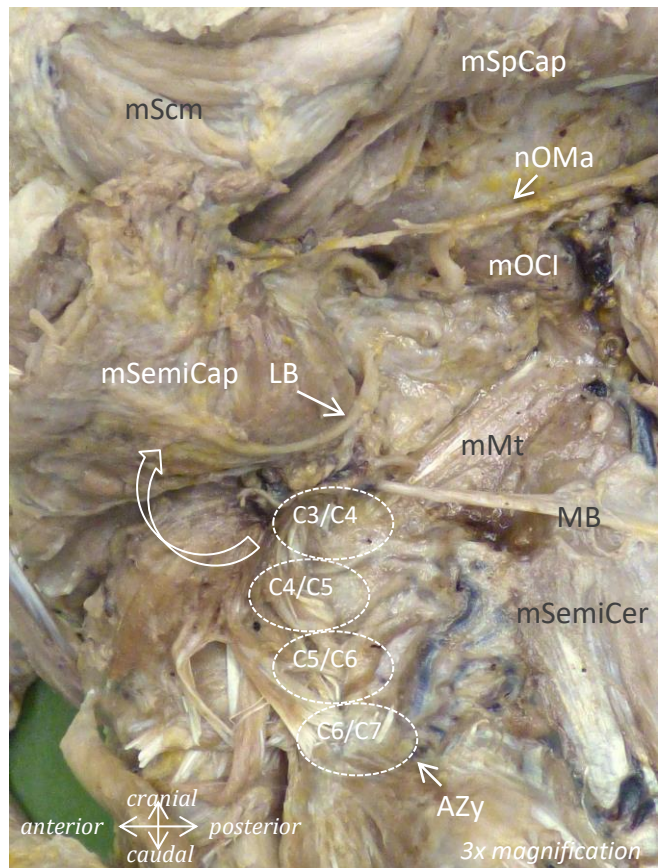
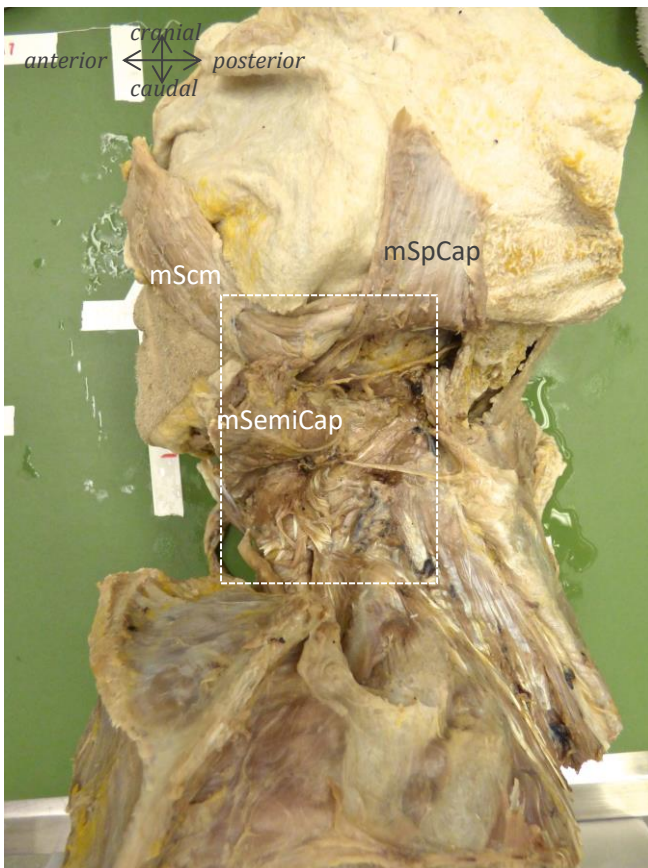
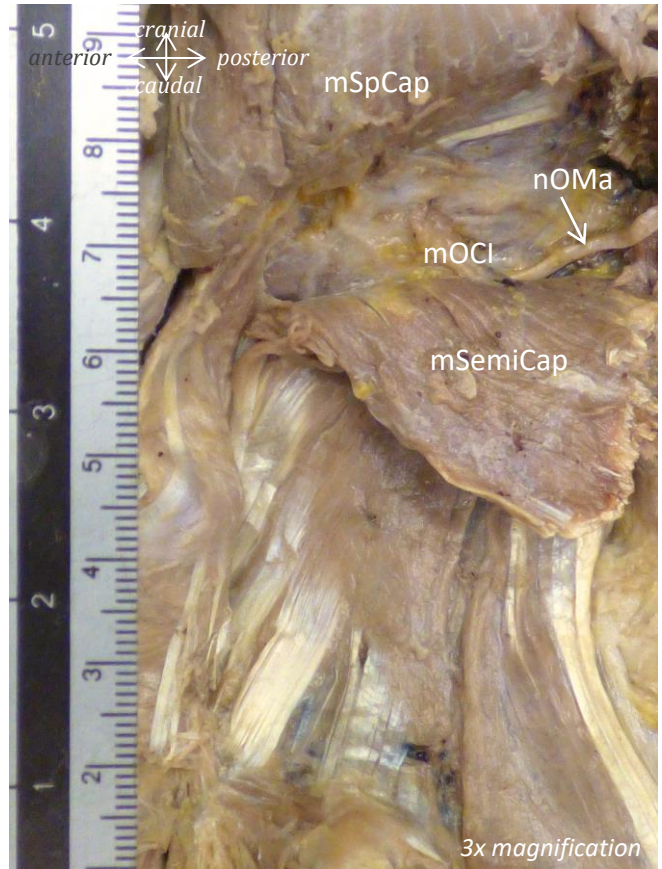
- mScm = m. sternocleidomastoideus (folded)
- mSpCap = m. splenius capitis (folded)
- mSpCer = m. splenius cervicis (folded)
- mSemiCap = m. semispinalis capitis (folded)
- mLS = m. levator scapulae (folded)
- mLC = m. longissimus capitis (folded)
- mSPS = m. serratus posterior superior (folded)

Nerves

- nOMa = n. occipitalis major

Extra

- II, III, IV = costae



Muscles: mScm = m. sternocleidomastoideus (folded); mSpCap = m. splenius capitis (folded); mSemiCap = m. semispinalis capitis (folded); mSemiCer = m. semispinalis cervicis; mOCI = m. obliquus capitis inferior; mMt = m. multifidi

Nerves: nOMa = n. occipitalis major; LB = lateral branch; MB = medial branch

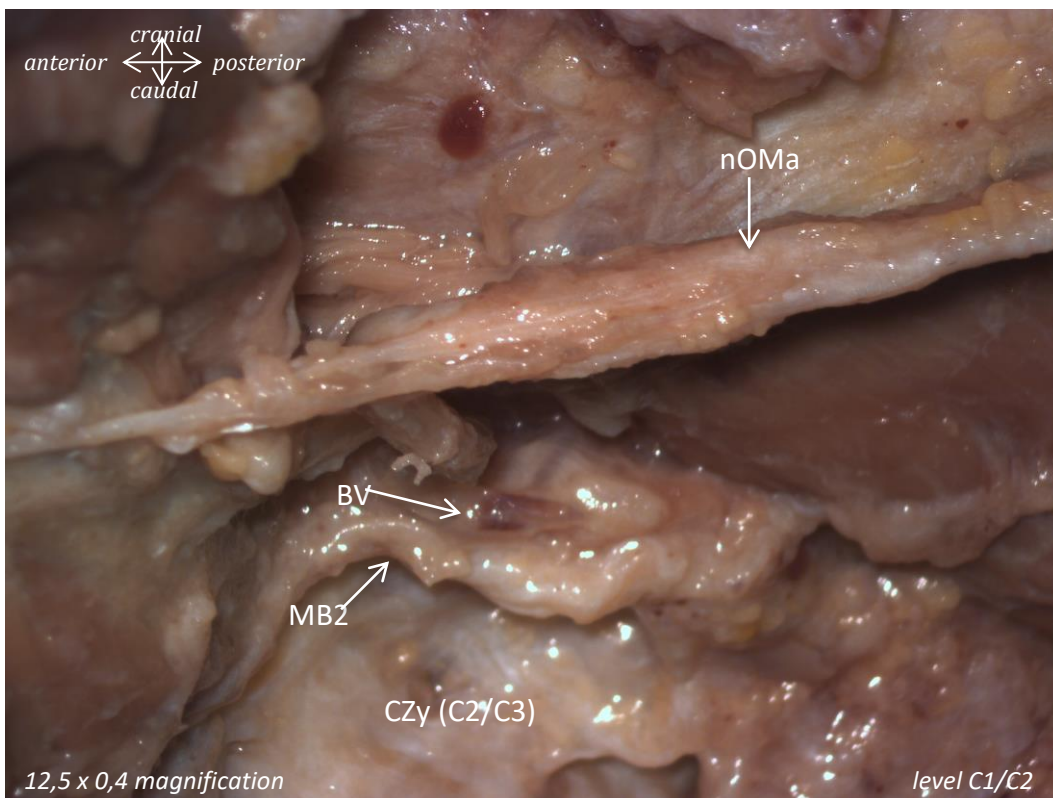
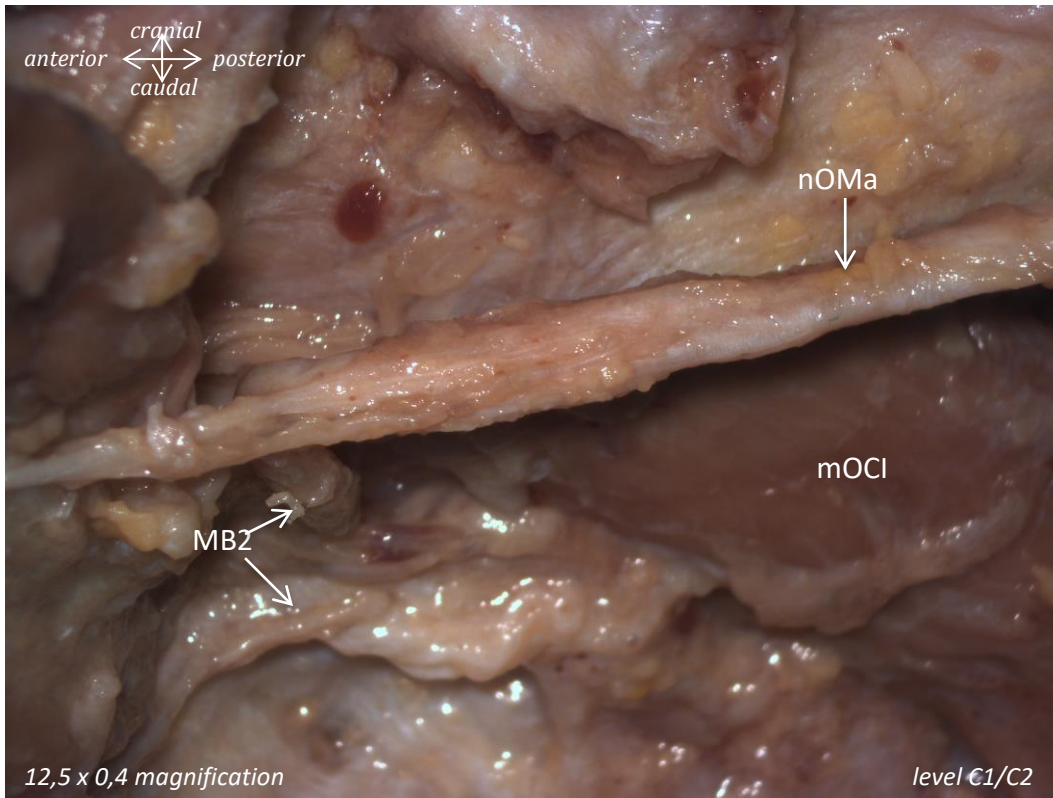
Extra: AZy = articulatio zygapophysealis; II, III, IV = costae

Male, 76 years of age

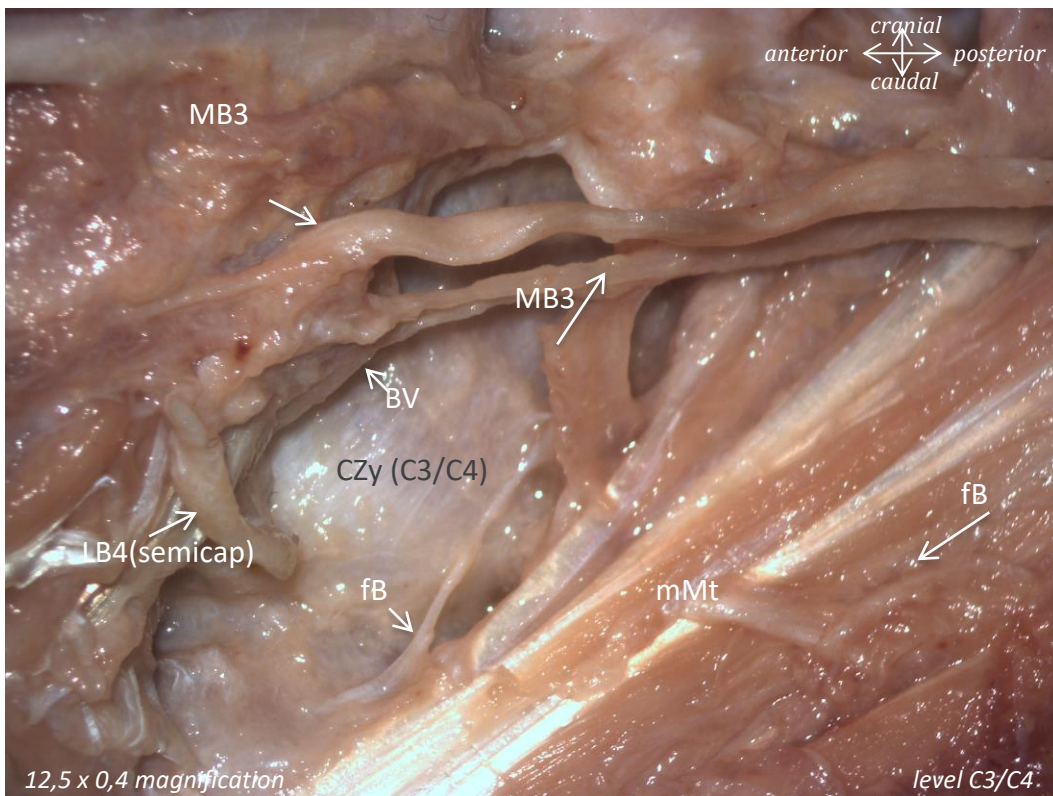
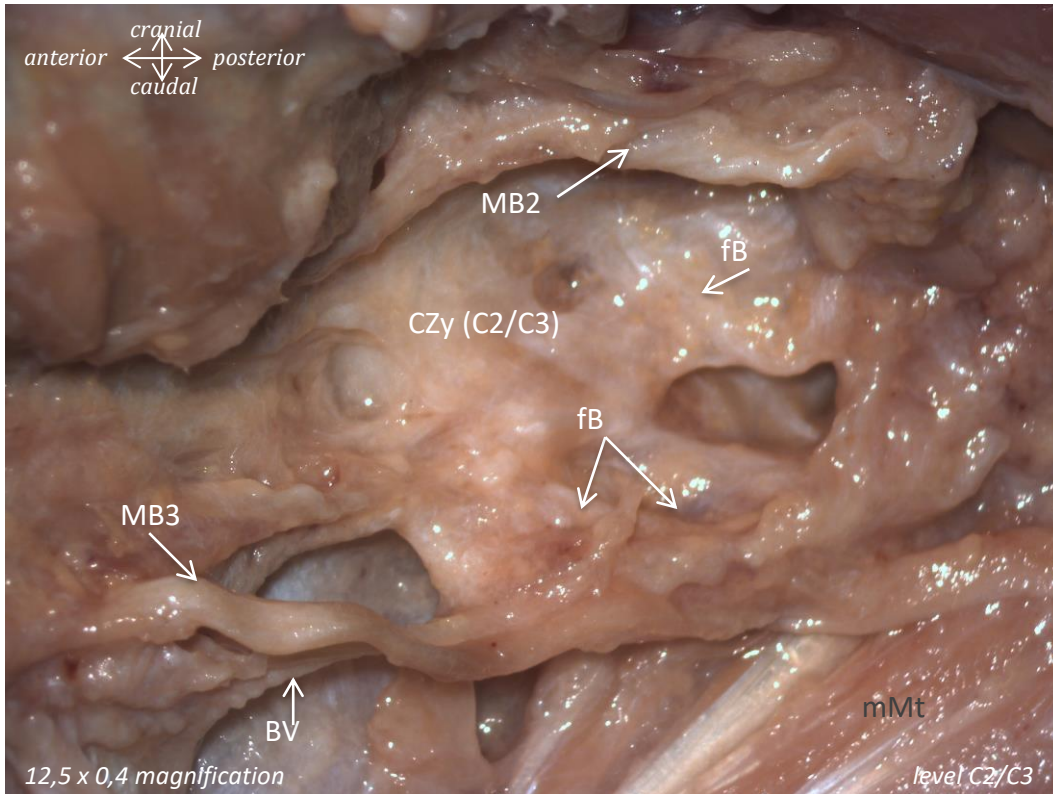


Muscles: mSemiCap = m. semispinalis capitis; mSemiCer = m. semispinalis cervicis; mMt = m. multifidi
Nerves: nOMa = n. occipitalis major; LB = lateral branch; MB = medial branch

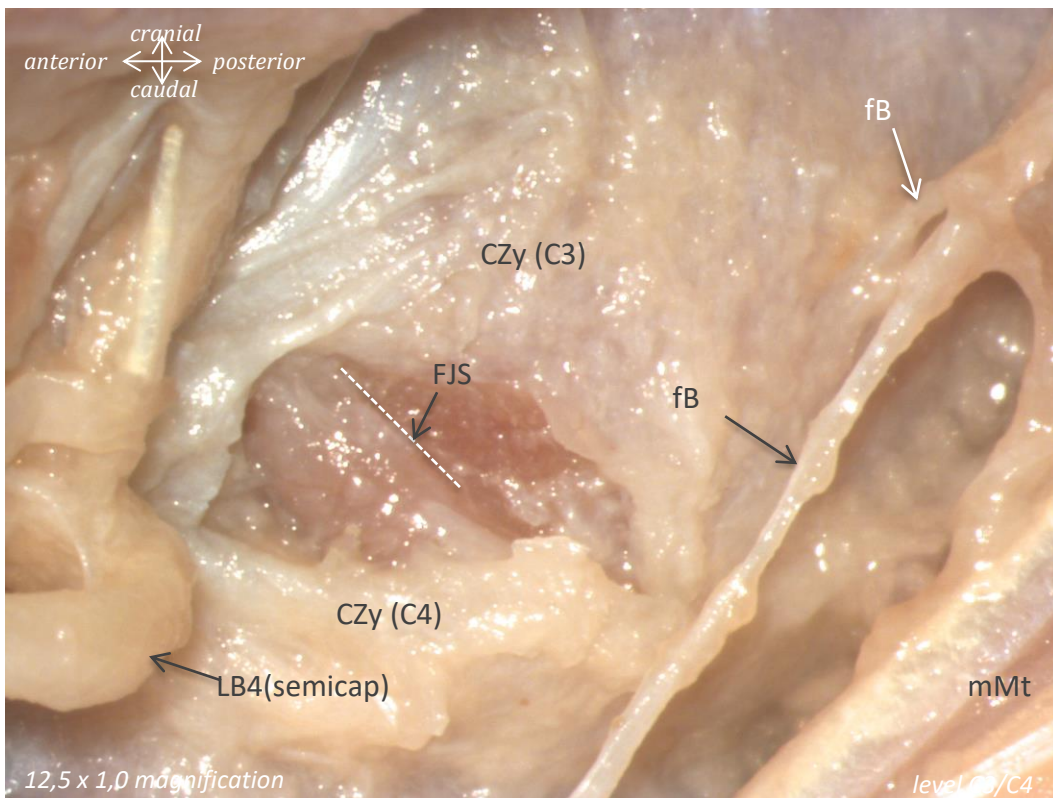
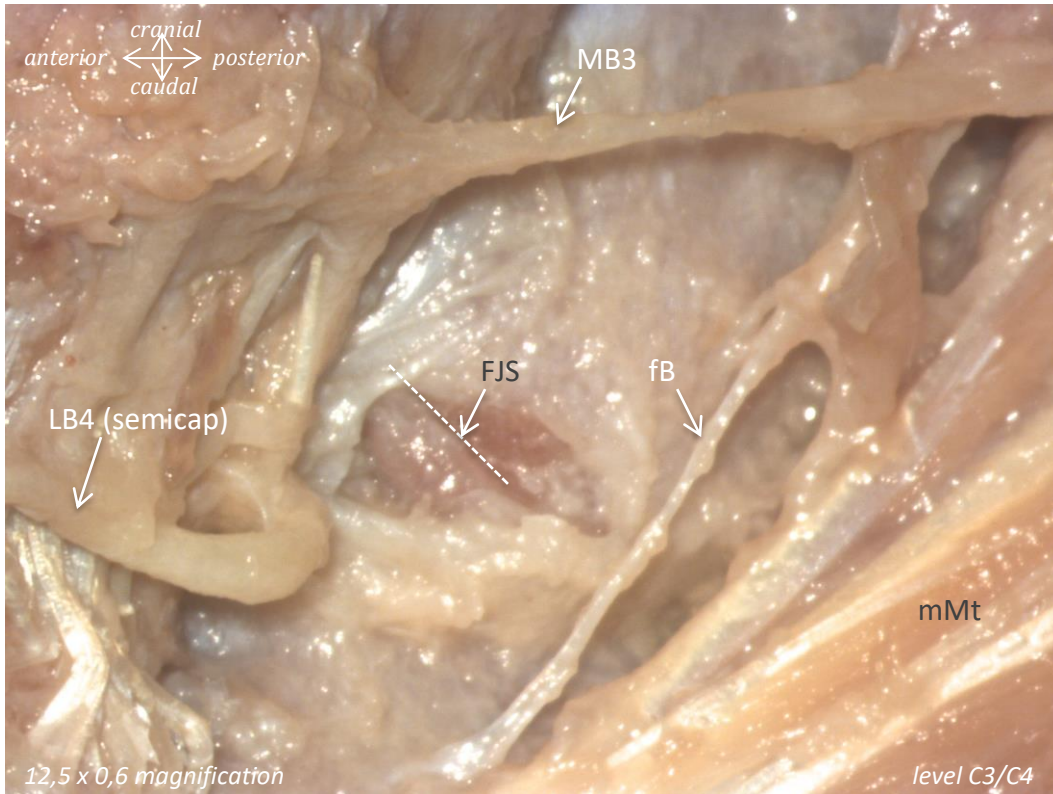
Male, 76 years of age



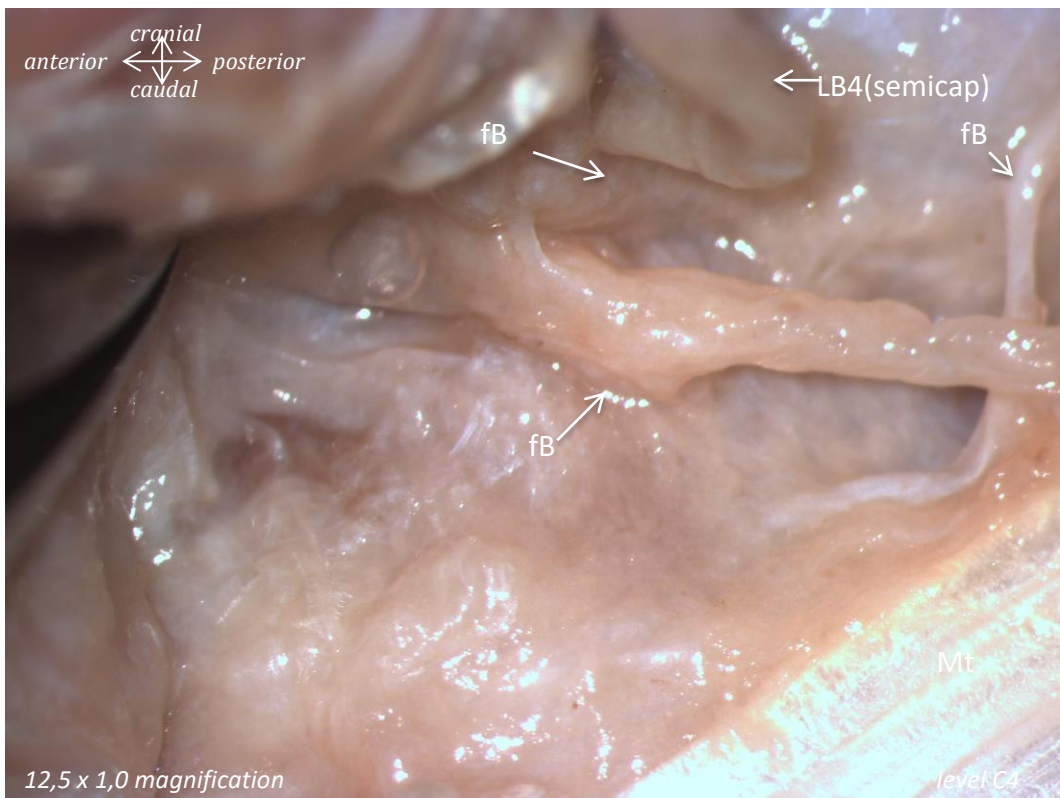
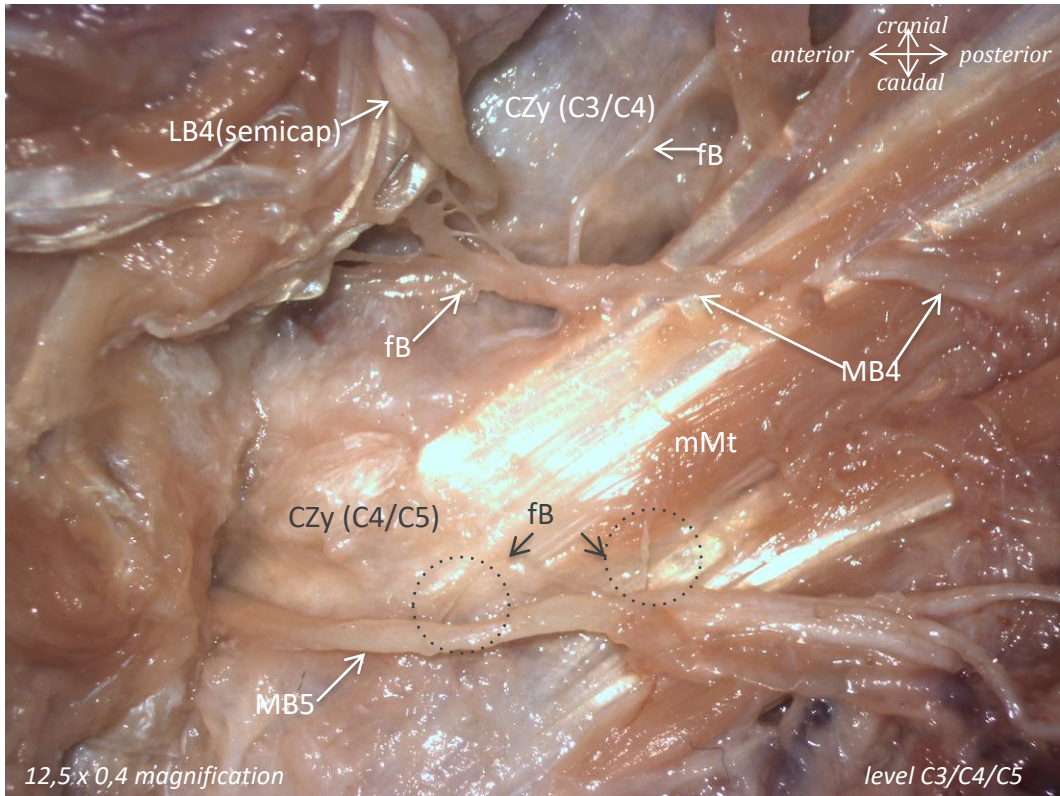
Muscles: mOCI = m. obliquus capitis inferior;
Nerves: nOMa = n. occipitalis major; MB = medial branch
Vessels: BV = blood vessel
Extra: CZy = capsula articulatio zygapophysealis



Muscles: mOci = m. obliquus capitis inferior; mMt = m. multifidi
Nerves: LB = lateral branch; MB = medial branch; fB = facet joint branch
Vessels: BV = blood vessel
Extra: CZy = capsula articulationis zygapophysialis



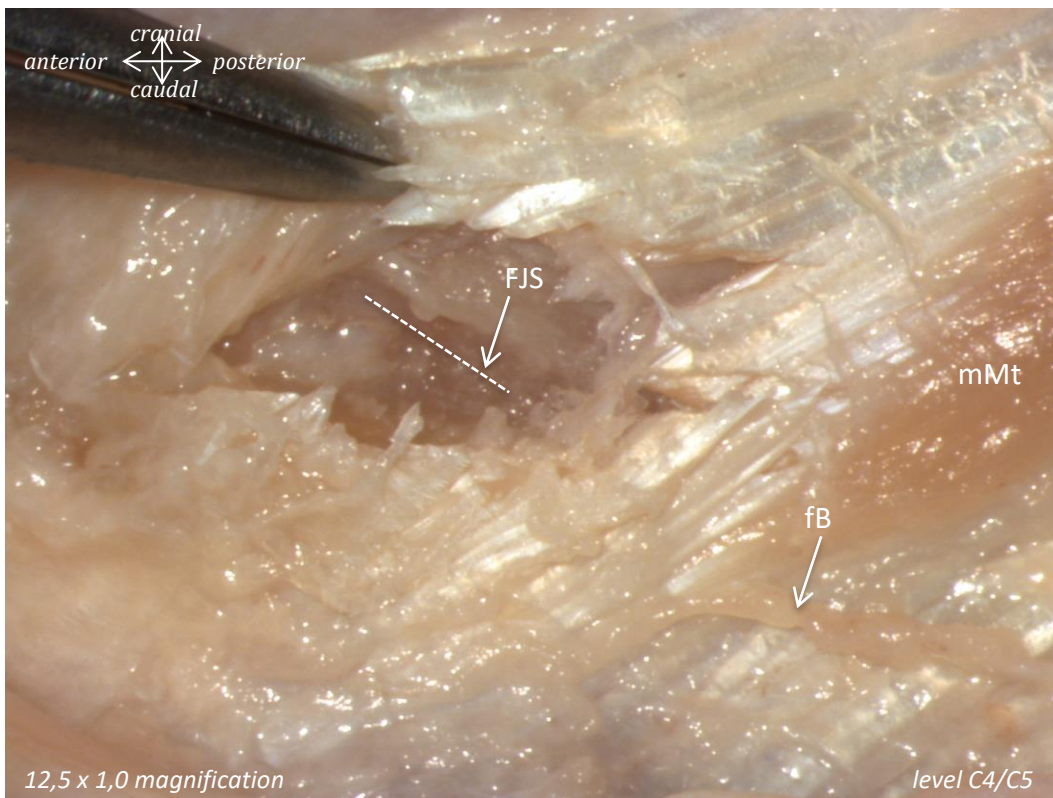
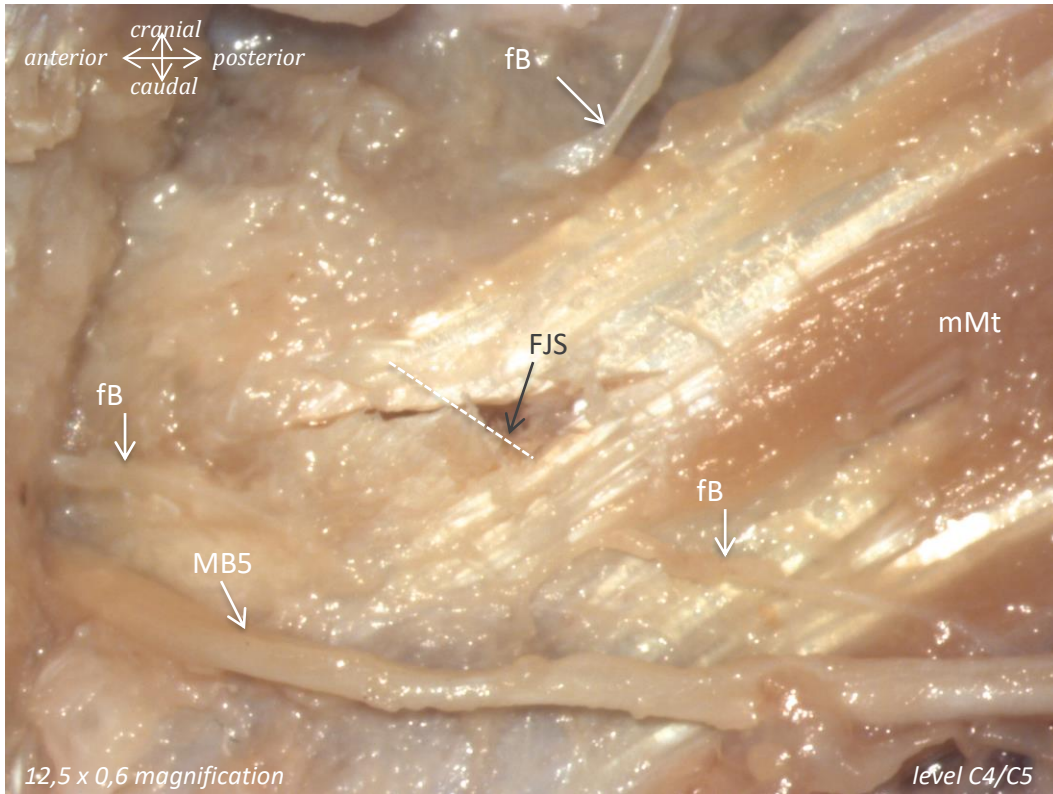
Muscles: mMt = m. multifidi
Nerves: LB = lateral branch; MB = medial branch; fB = facet joint branch
Extra: CZy = capsula articulatio zygapophysealis; FJS = facet joint space



Muscles: mMt = m. multifidi

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

Extra: CZy = capsula articulatio zygapophysialis

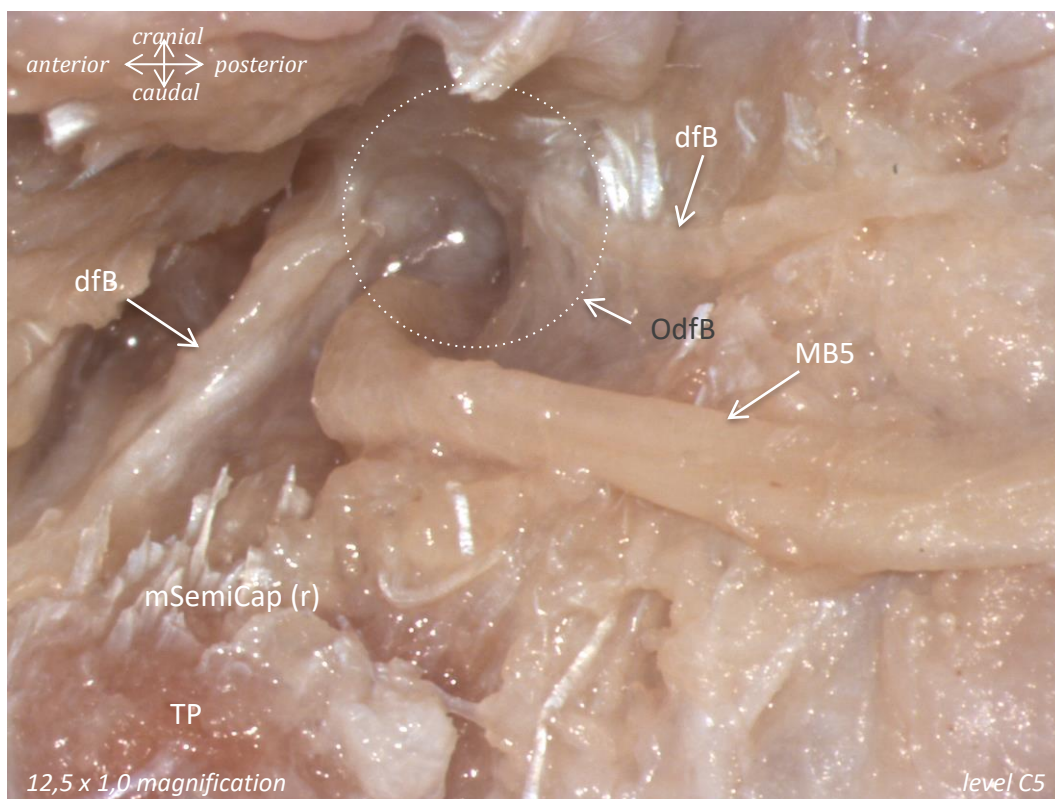
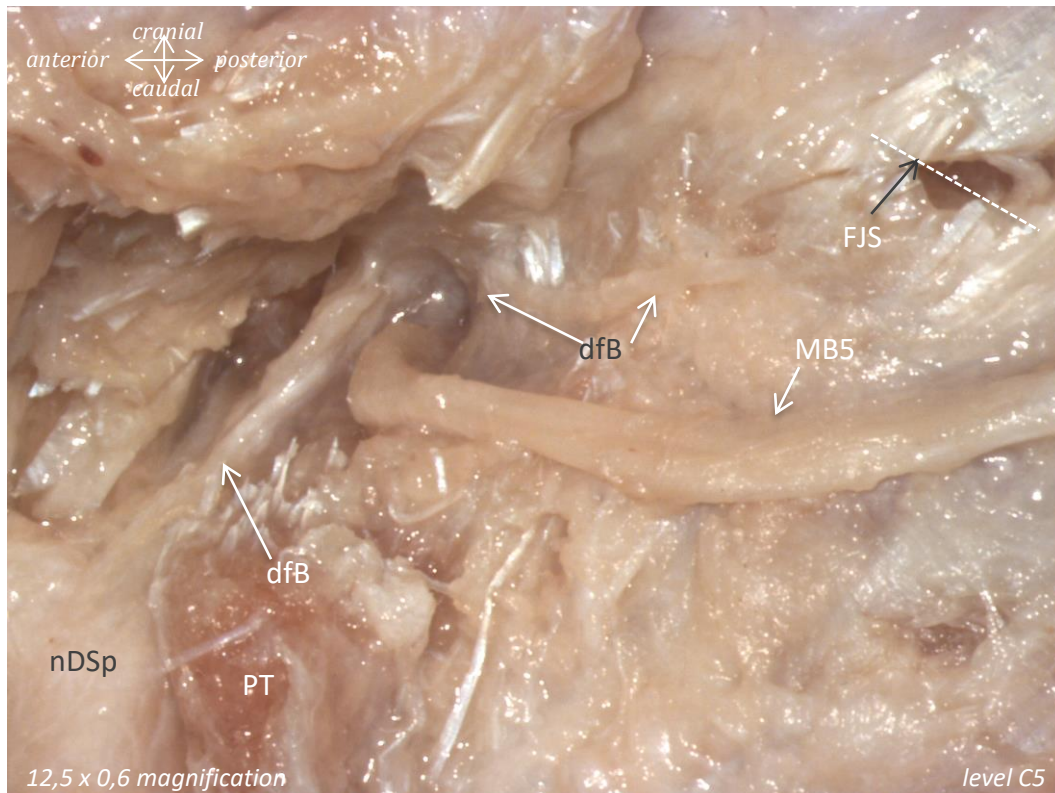


Muscles: mMt = m. multifidi

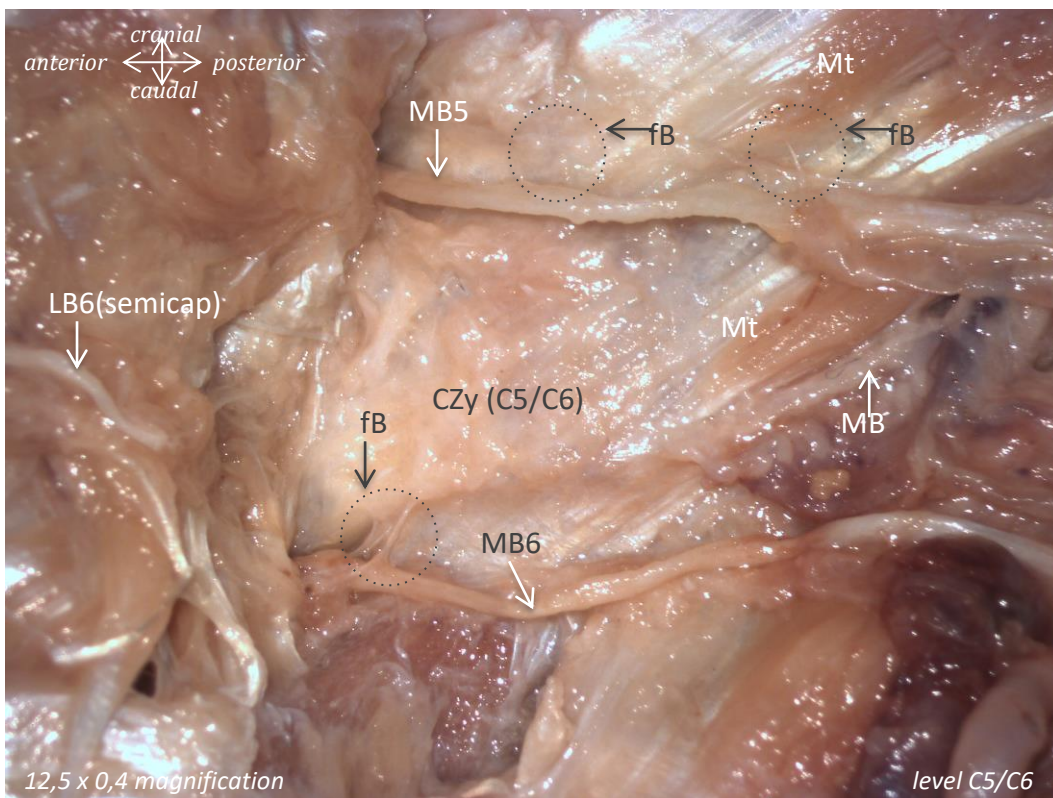
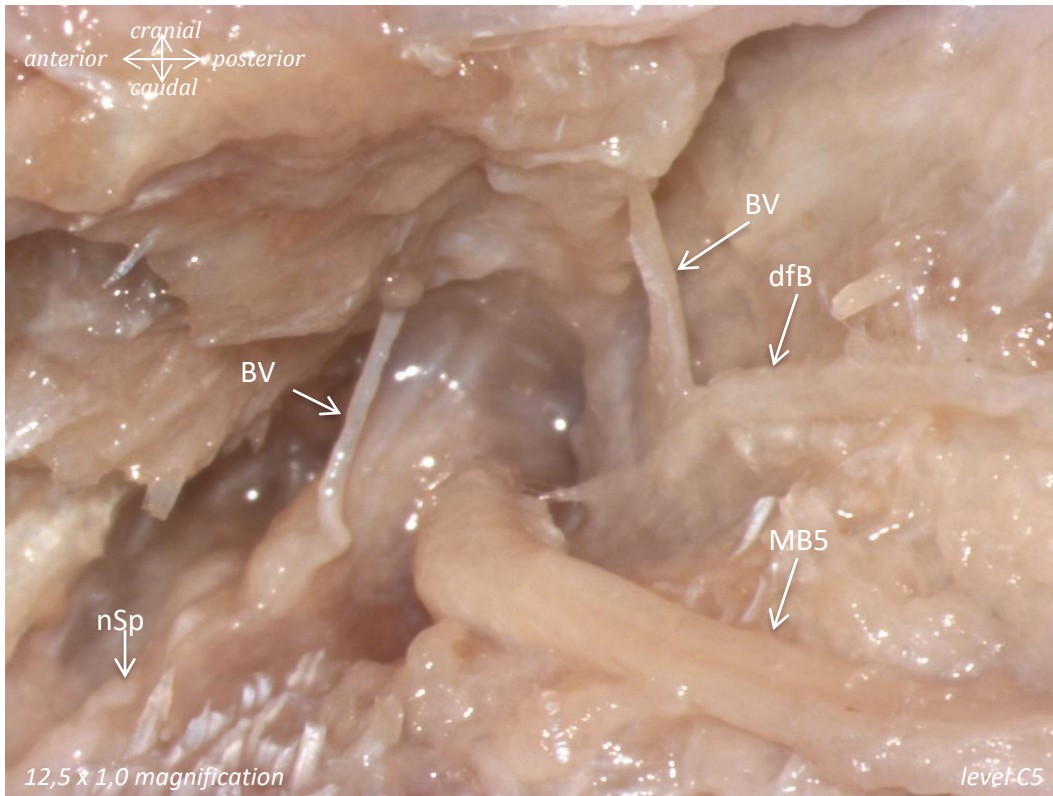
Nerves: MB = medial branch; fB = facet joint branch

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

Male, 76 years of age



Muscles: mSemiCap (r) = m. semispinalis capitis (removed)
Nerves: nDSp = n. dorsalis spinalis; MB = medial branch; dfB = direct facet joint branch;
Extra: CZy = capsula articulatio zygapophysealis; FJS = facet joint space; TP = tuberculum posterior; OdfB = the facet medial branch originates directly from the ramus dorsalis spinales



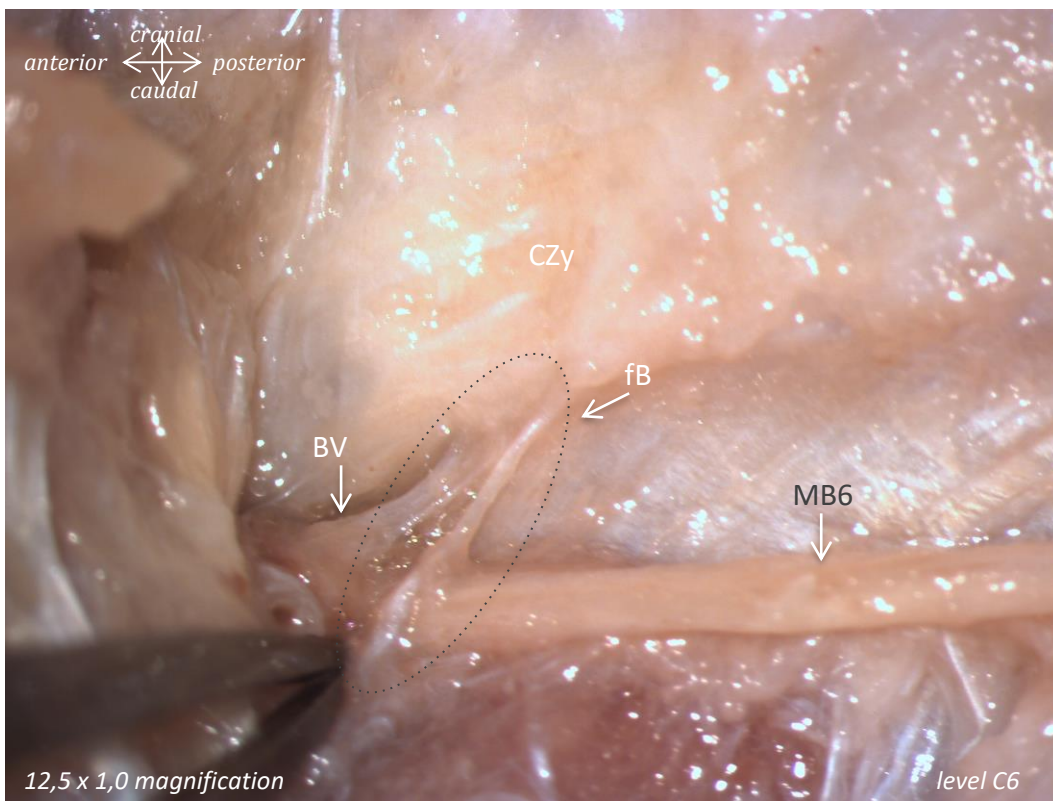
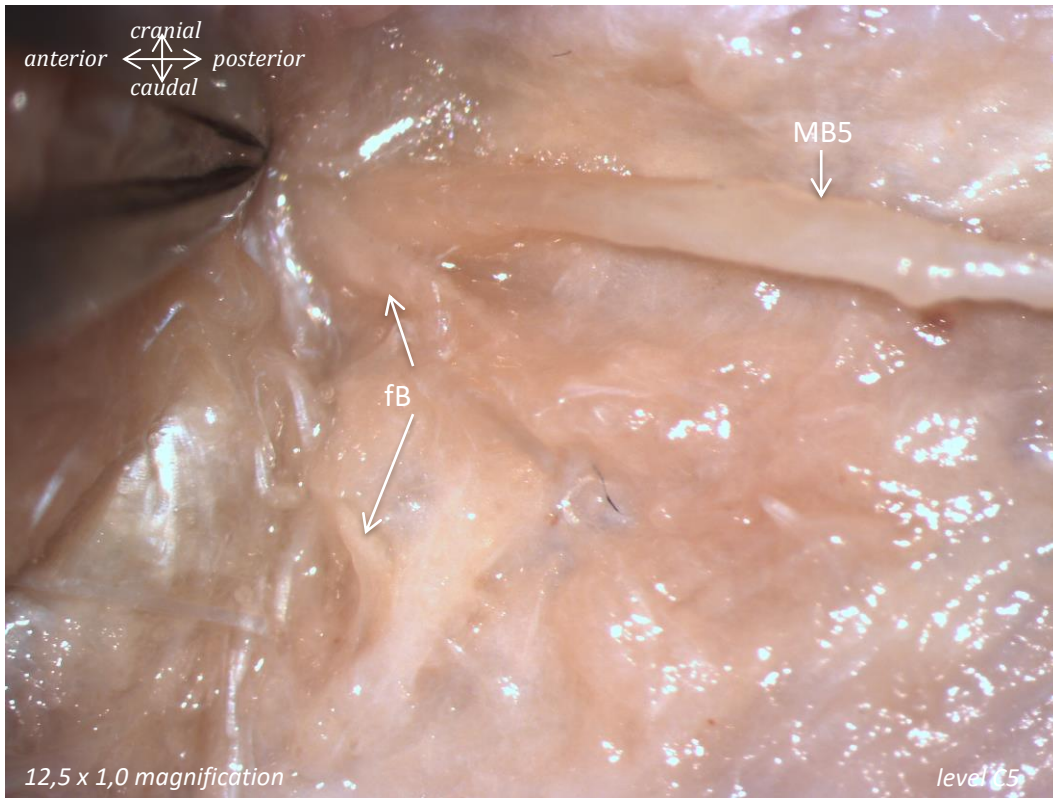
Muscles: mMt = m. multifidi

Nerves: LB = lateral branch; MB = medial branch; fB = facet joint branch; dfB = direct facet joint branch; nSp = n. spinalis

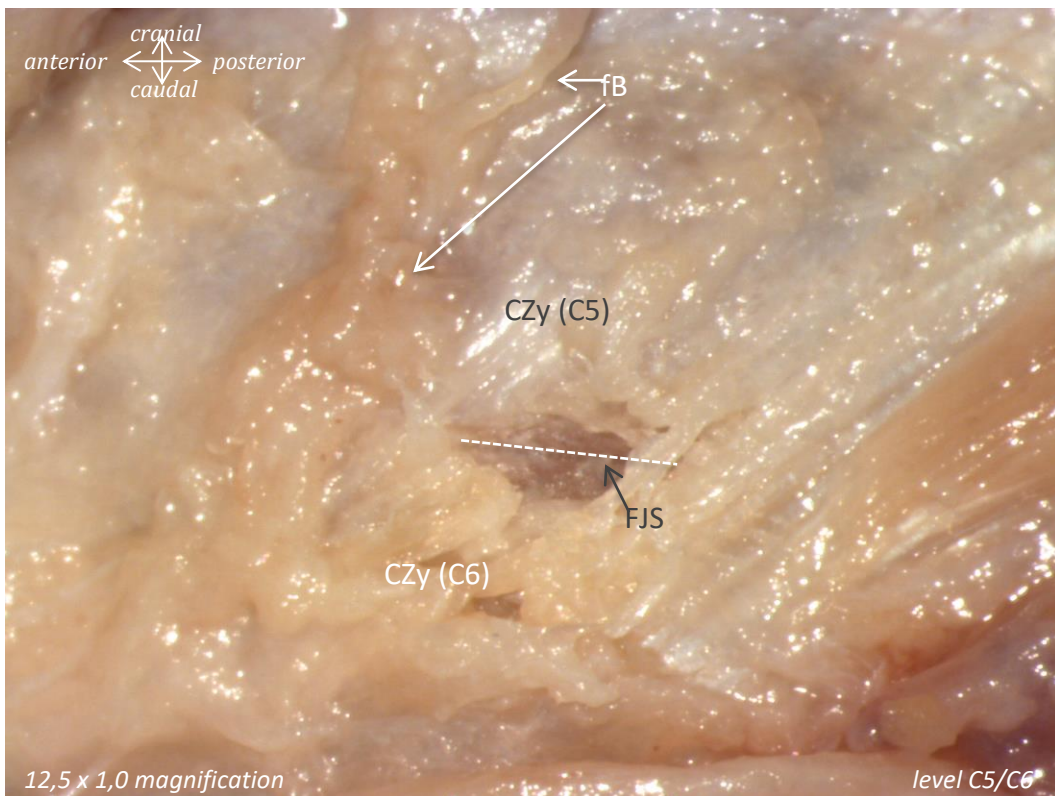
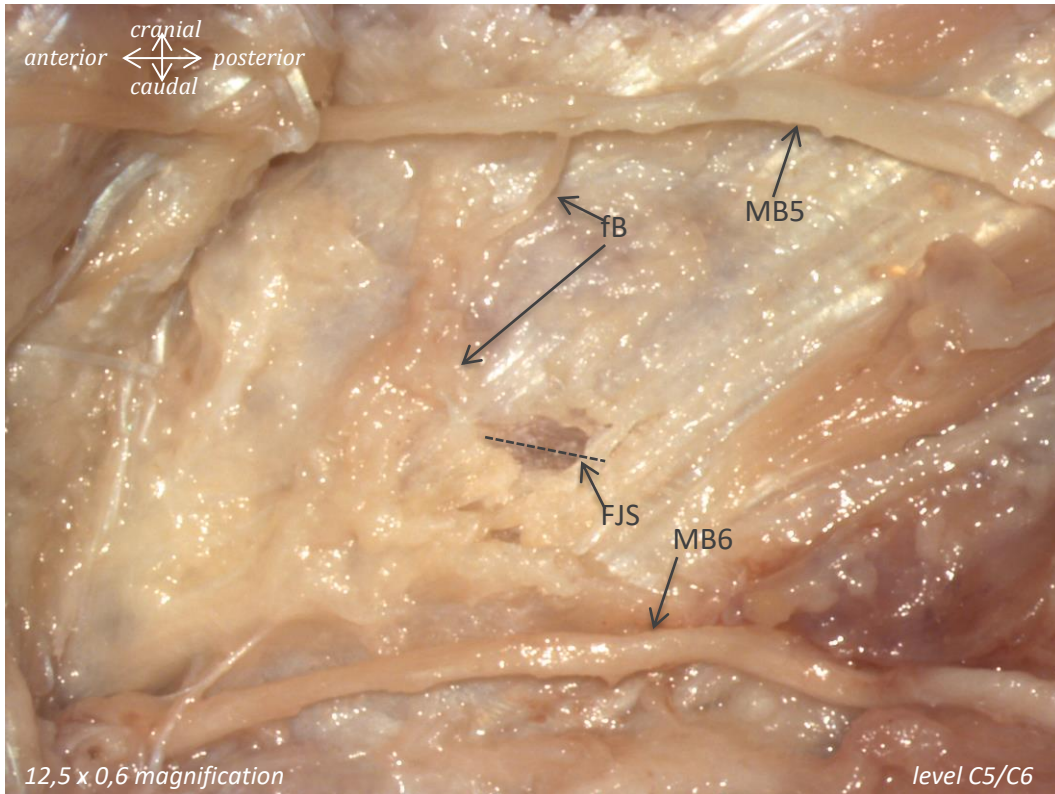
Vessels: BV = blood vessel

Extra: CZy = capsula articulatio zygapophysealis

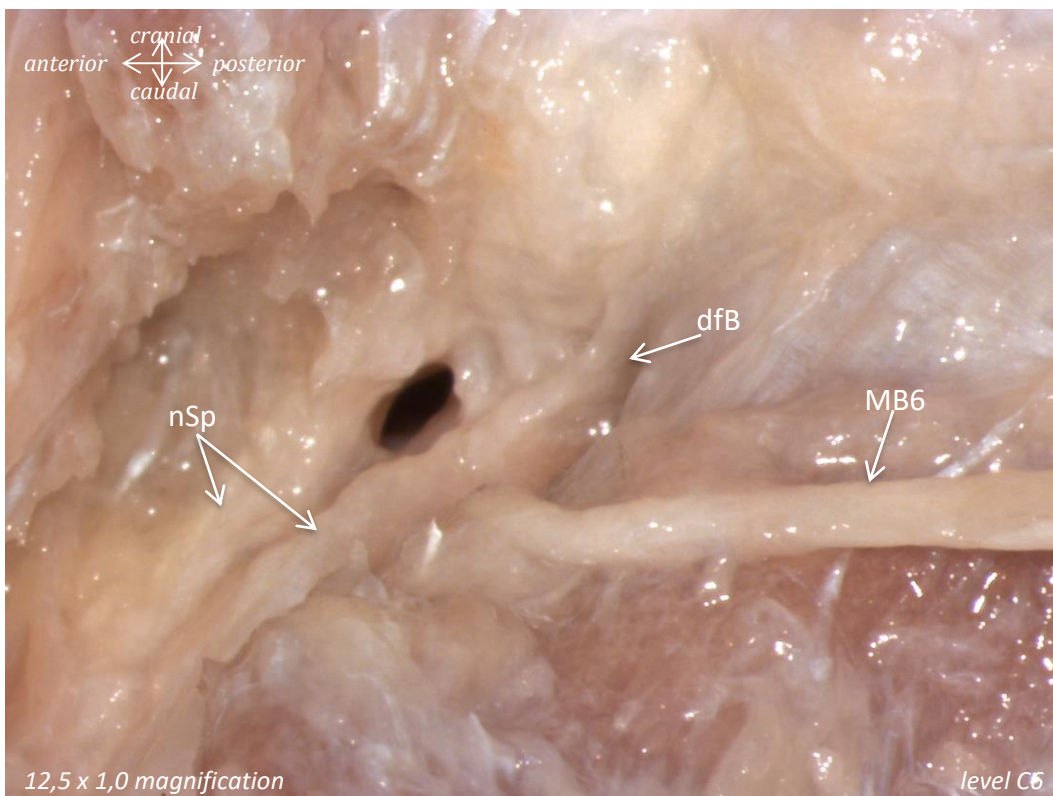
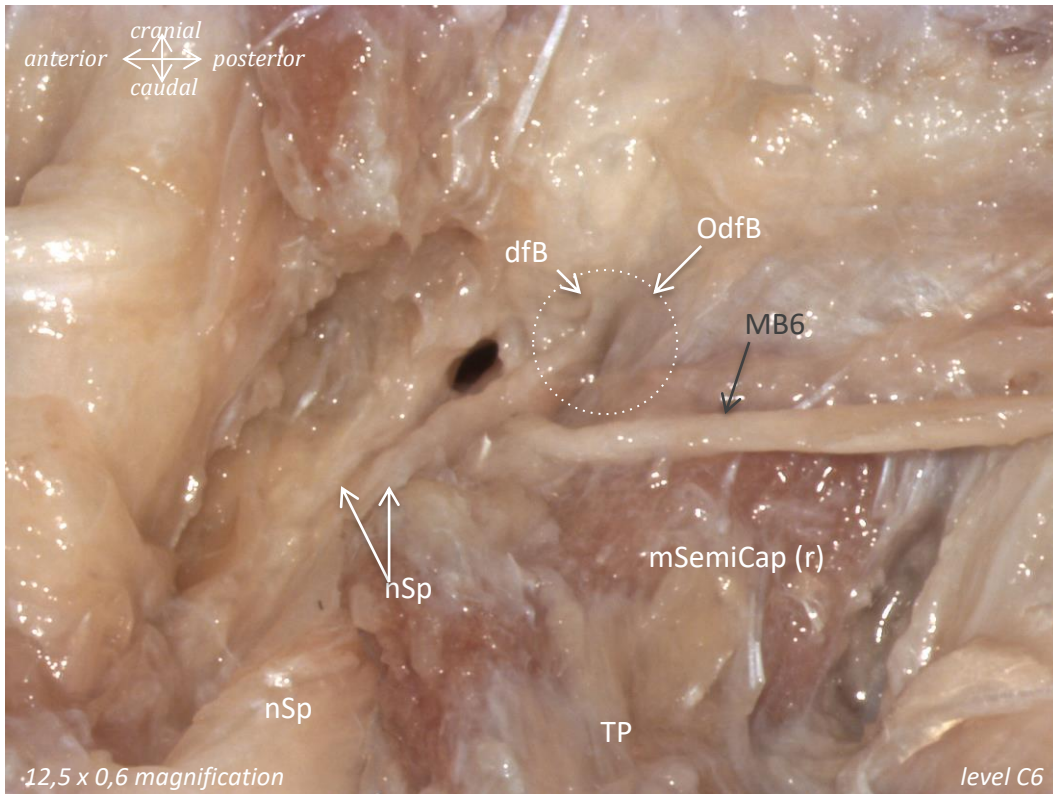
Male, 76 years of age



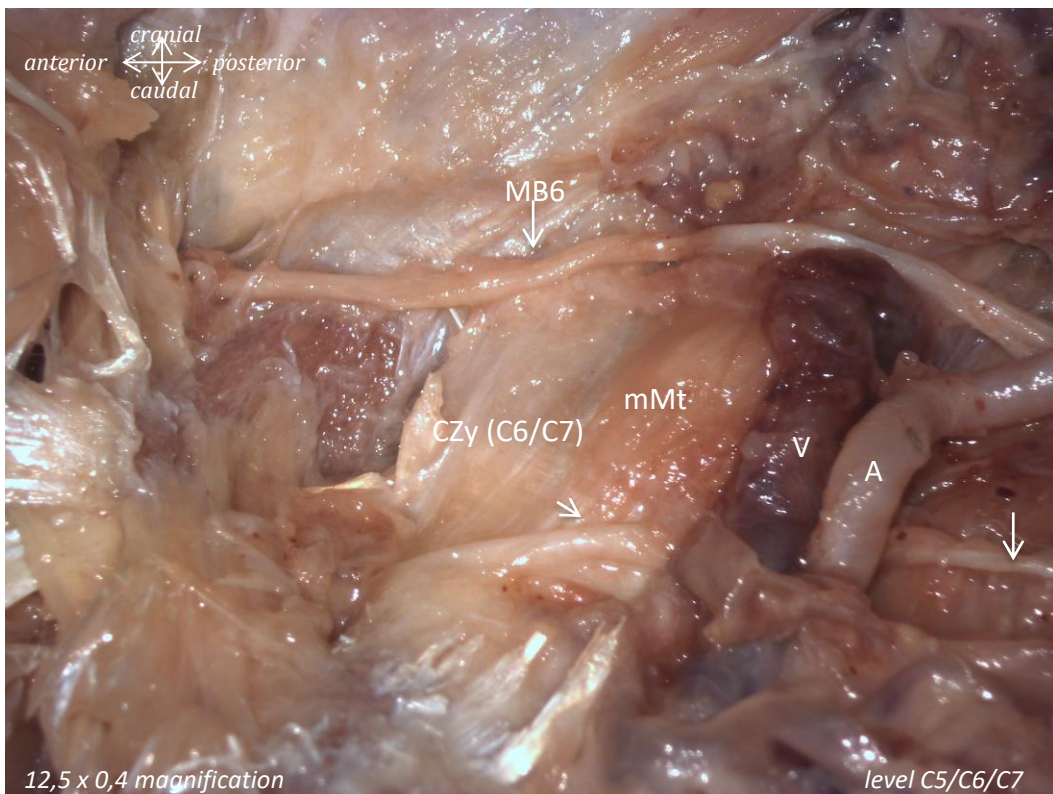
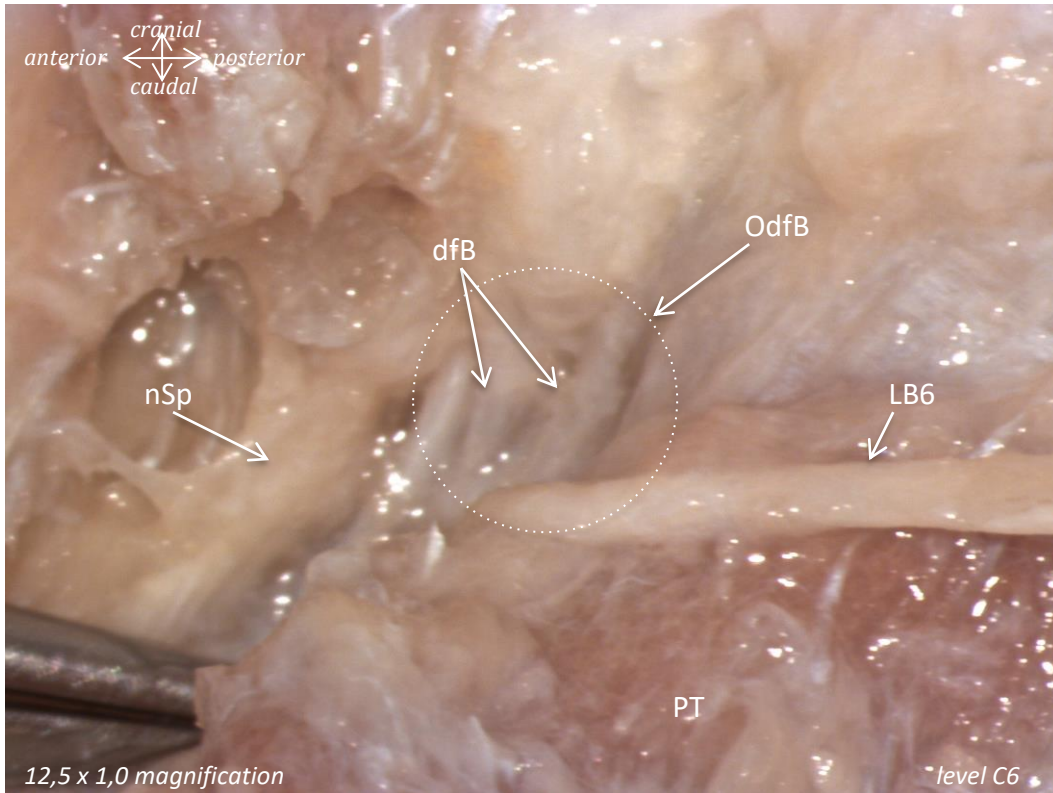
Nerves: MB = medial branch; fB = facet joint branch
Vessels: BV = blood vessel
Extra: CZy = capsula articulation zygapophysialis



Nerves: MB = medial branch; fB = facet joint branch
Extra: FJS = facet joint space; CZy = capsula articulatio zygapophysealis



Muscles: mSemiCap (r) = m. semispinalis capitis (removed)
Nerves: nSp = n. spinalis; MB = medial branch; dfB = direct facet joint branch
Extra: TP = tuberculum posterior; OdfB = the facet medial branch originates directly from the spinal nerve

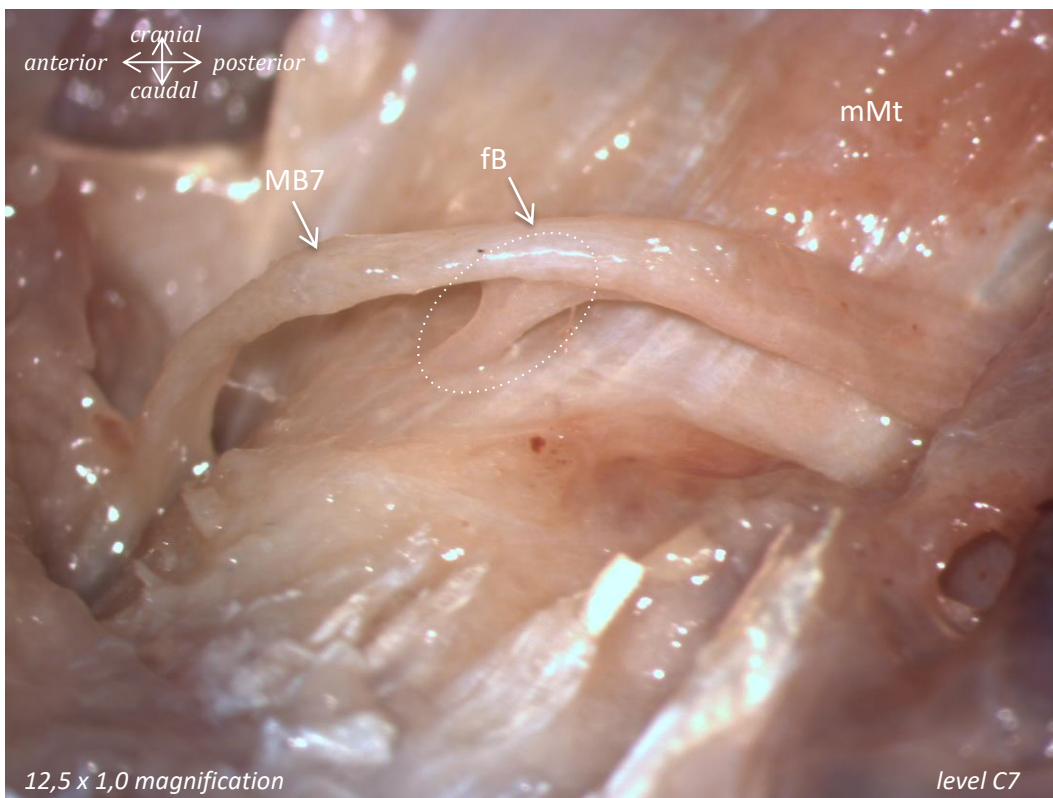
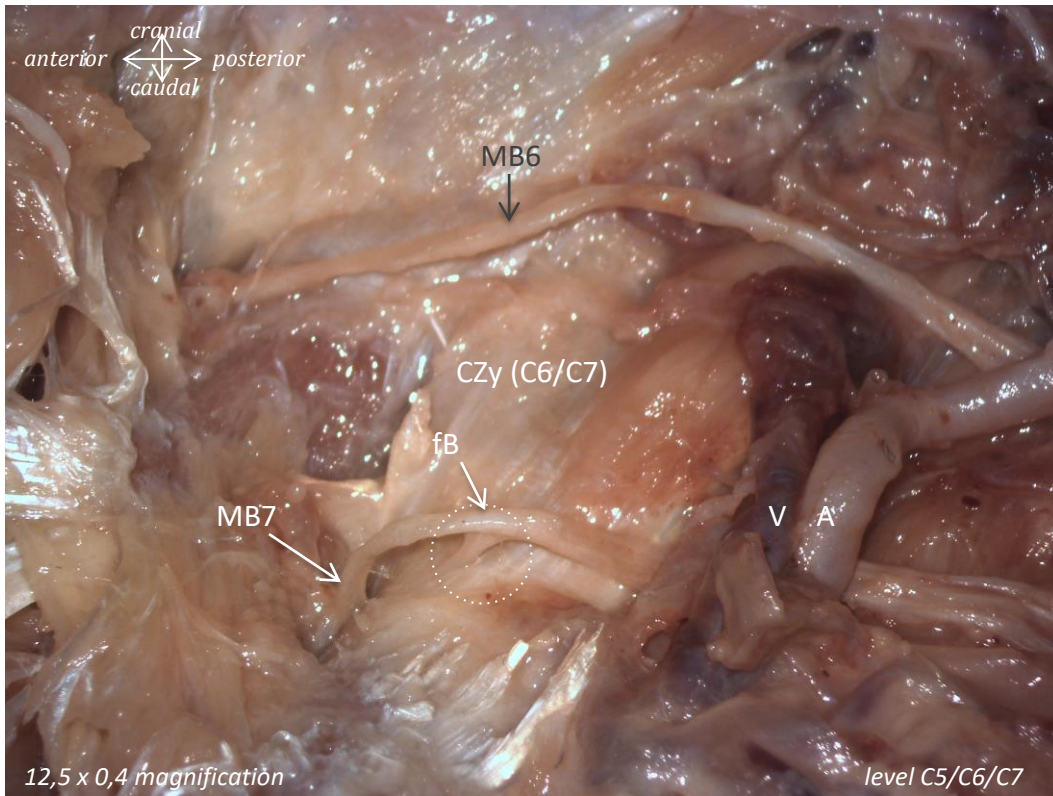


Muscles: mMt = m. multifidi

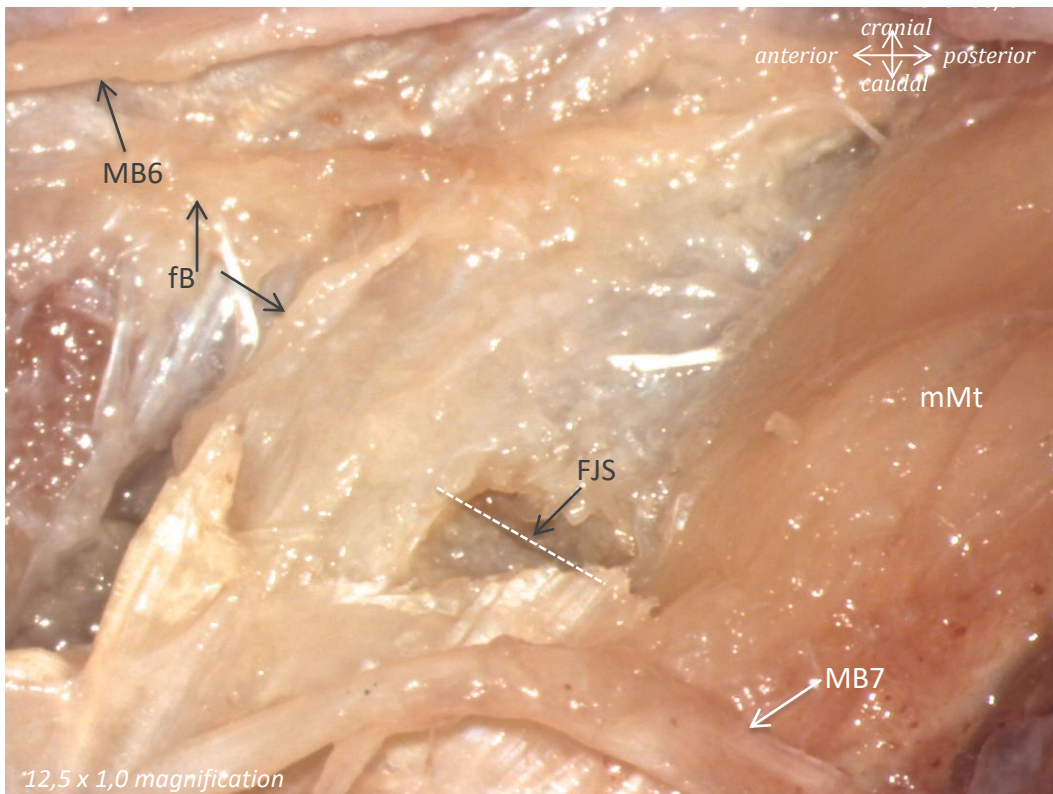
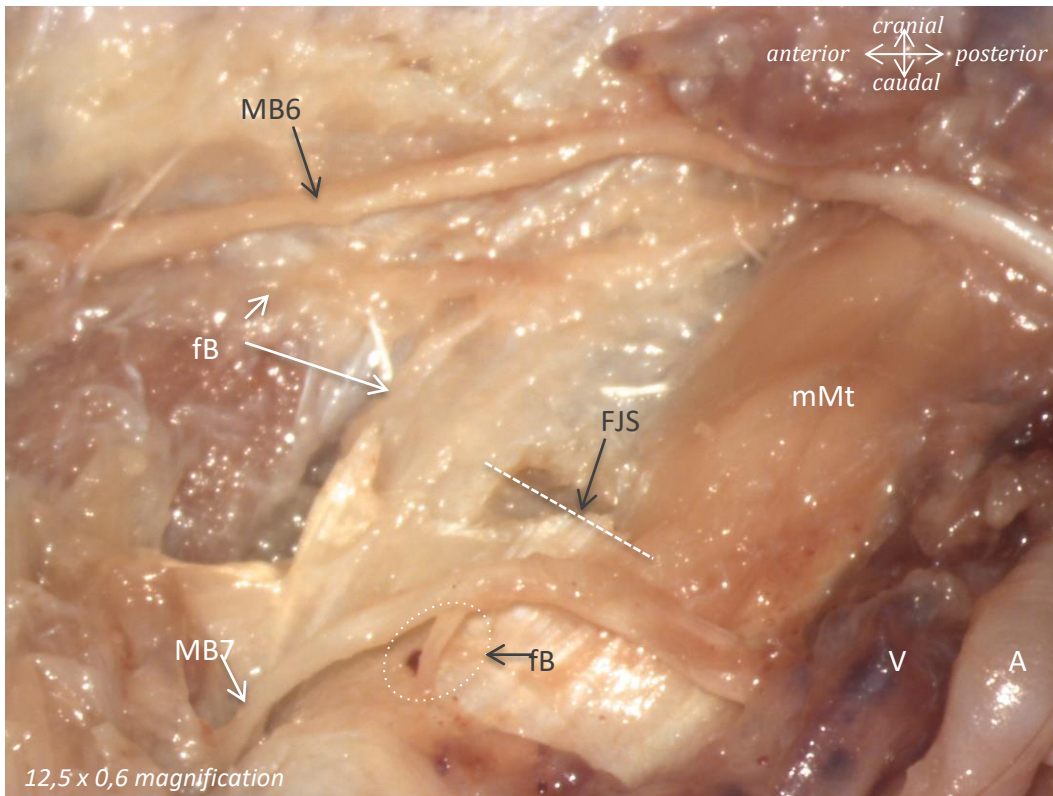
Nerves: nSp = n. spinalis; LB = lateral branch; dfB = direct facet joint branch

Vessels: V = vene; A = artery

Extra: CZy = capsula articulario zygapophysealis; OdfB = the facet medial branch originates directly from the ramus dorsalis spinales



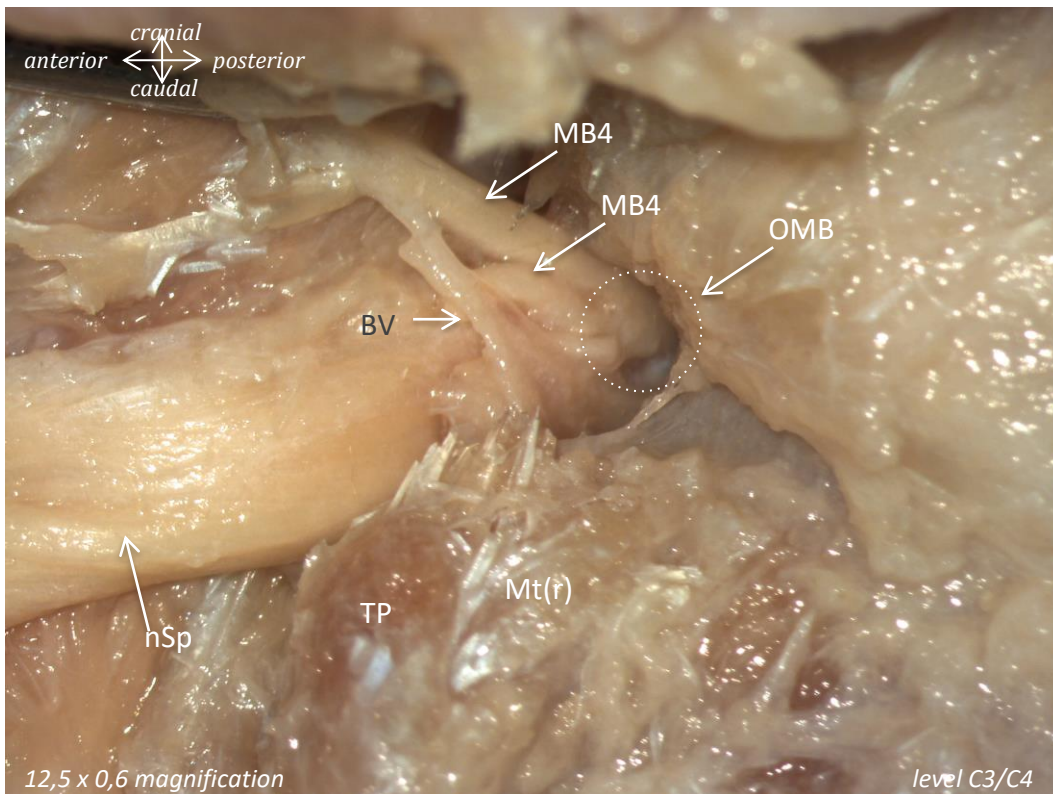
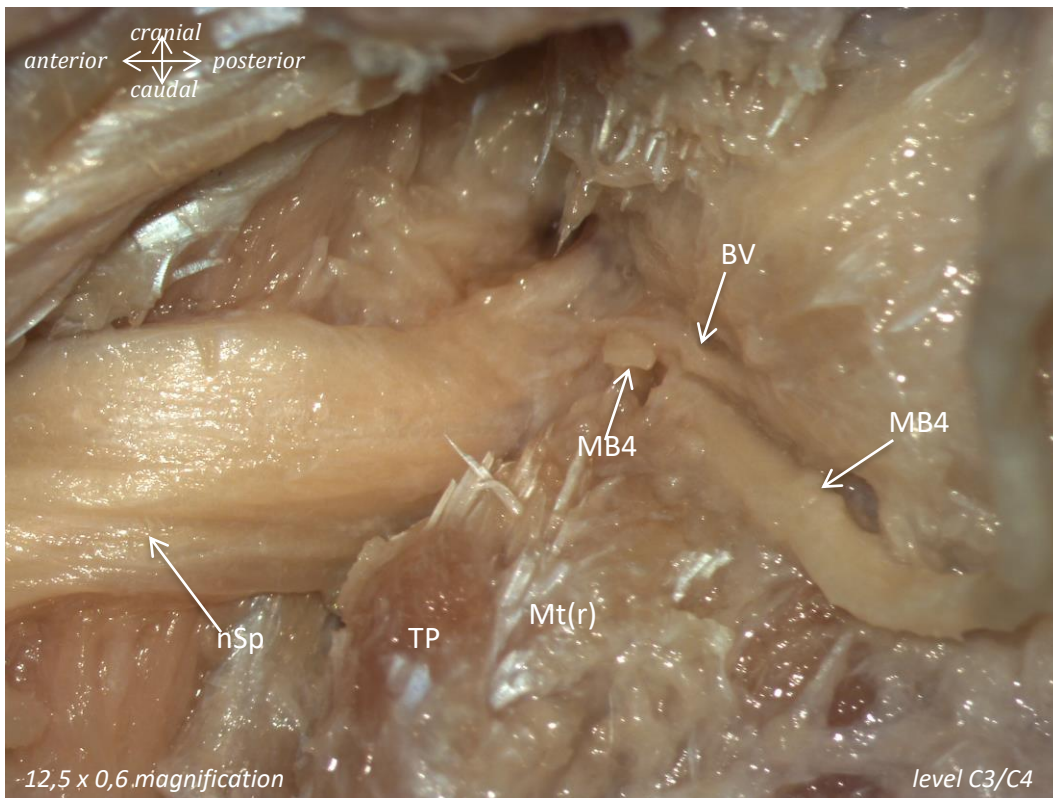
Muscles: mMt = m. multifidi
Nerves: MB = medial branch; fB = facet joint branch
Vessels: V = vene; A = artery
Extra: CZy = capsula articulation zygapophysialis



Muscles: mMt = m. multifidi
Nerves: MB = medial branch; fB = facet joint branch
Vessels: V = vene; A = artery
Extra: CZy = capsula articulatio zygapophysealis; FJS = facet joint space

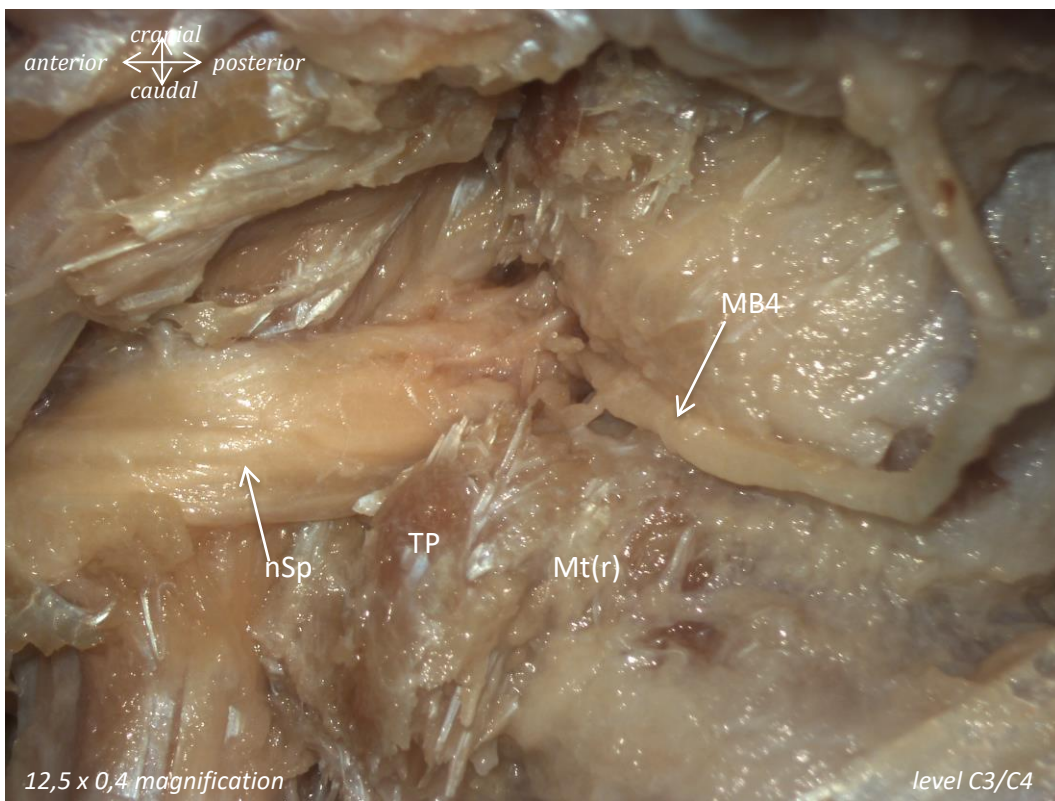
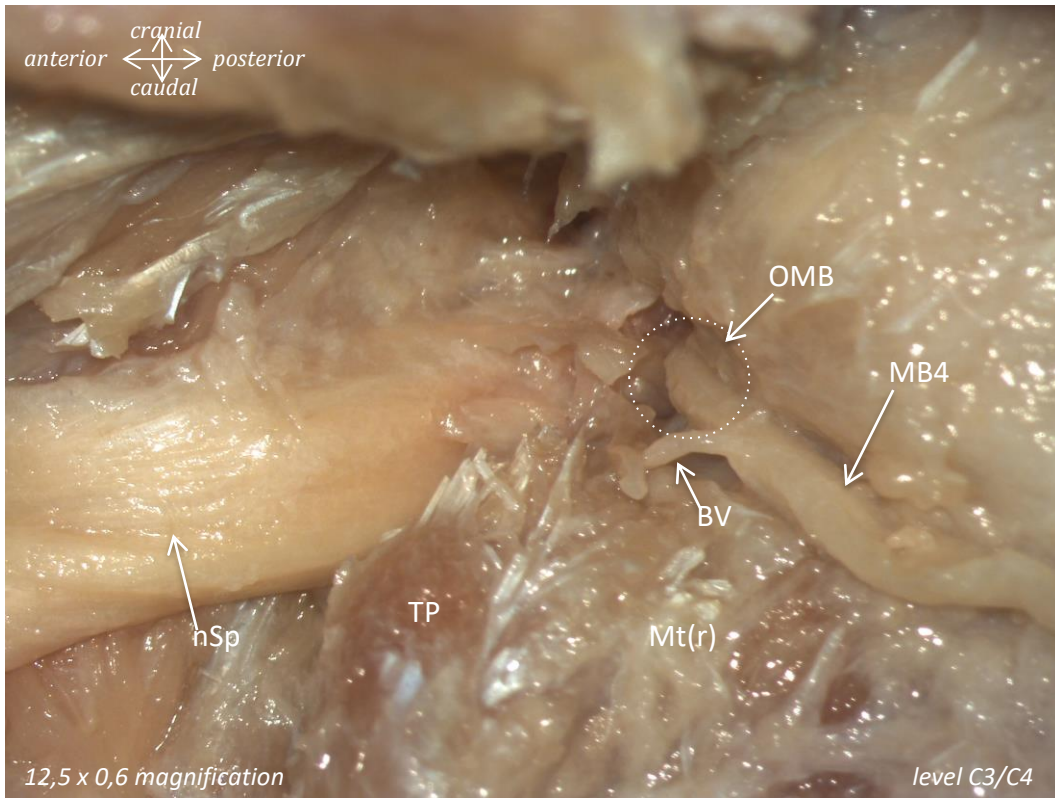
Male, 76 years of age

Origin medial branch

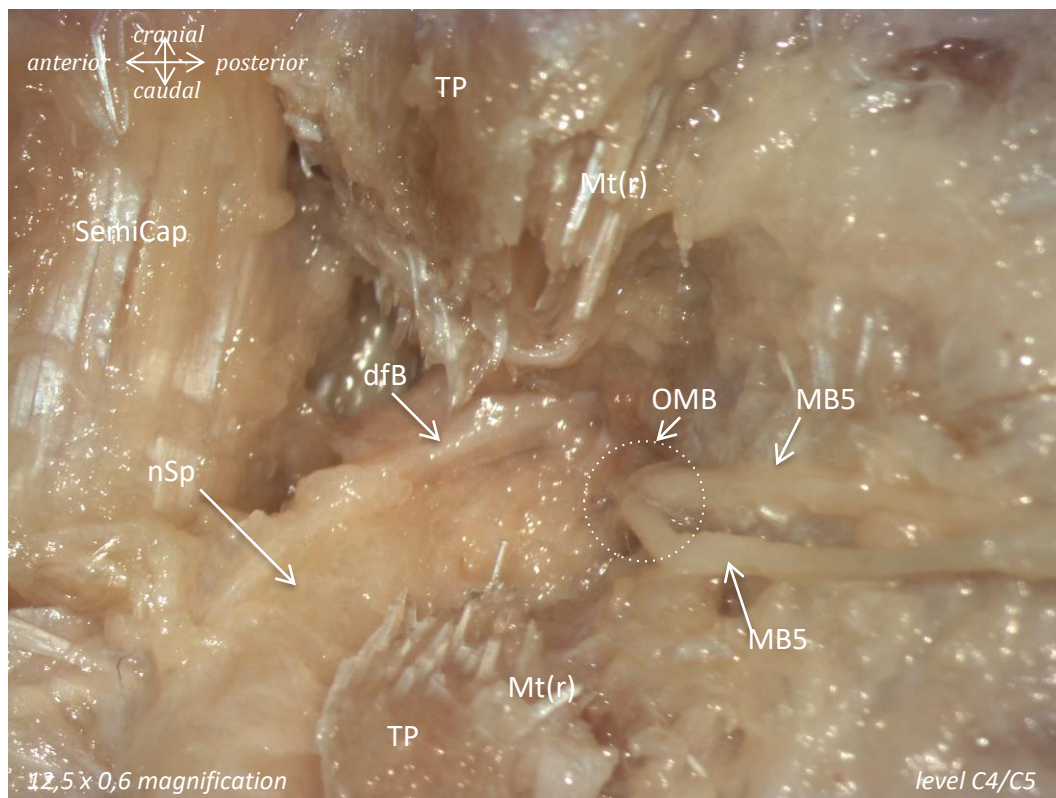
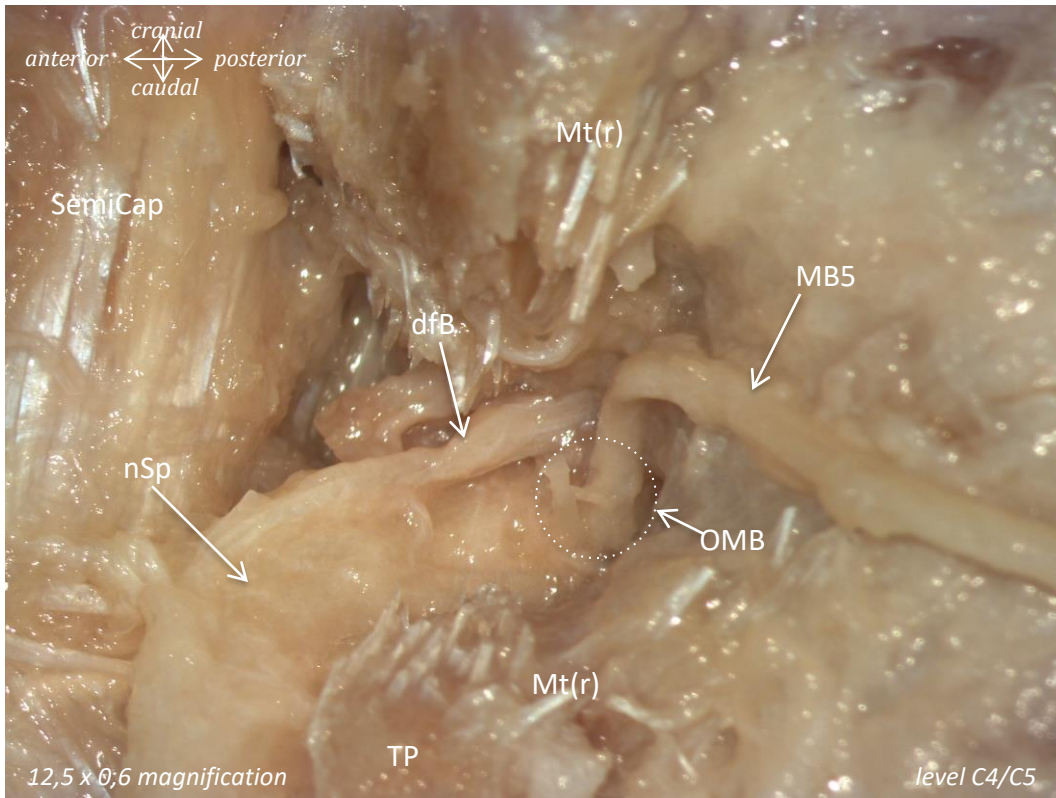


Muscles: Mt(r) = m. multifidi (removed)
Nerves: MB = medial branch; OMB = origin medial branch; nSp = n. spinalis
Vessels: BV = blood vessel
Extra: TP = tuberculum posterior

Male, 76 years of age

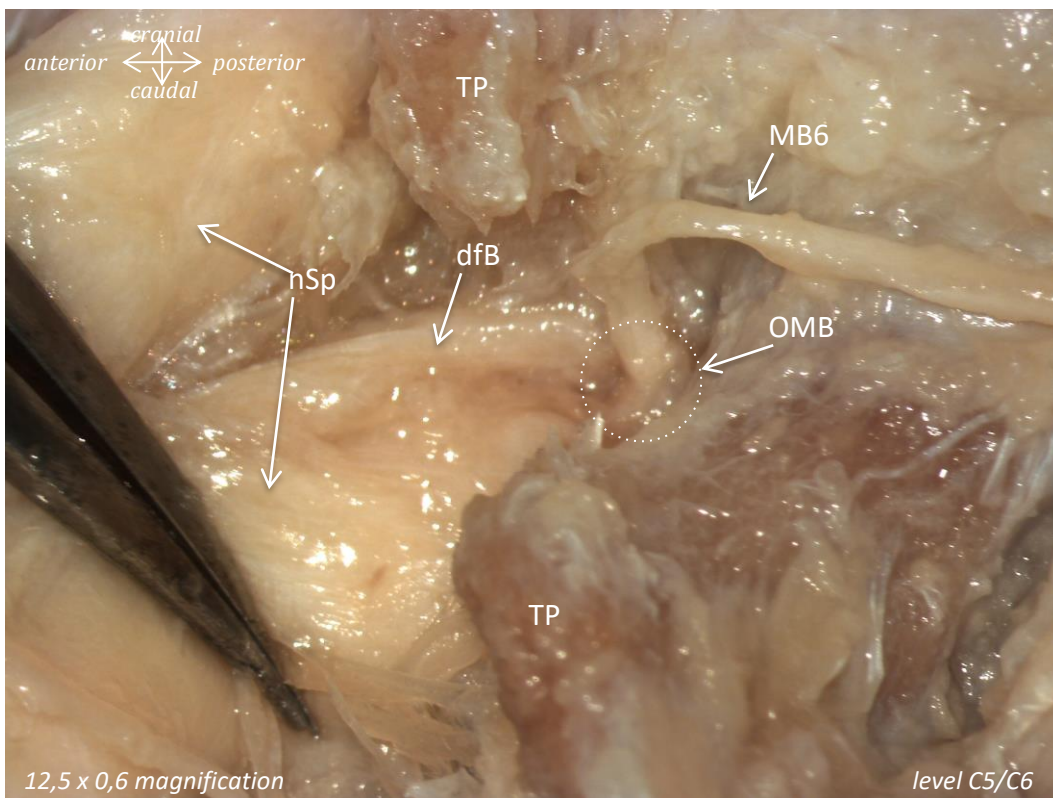
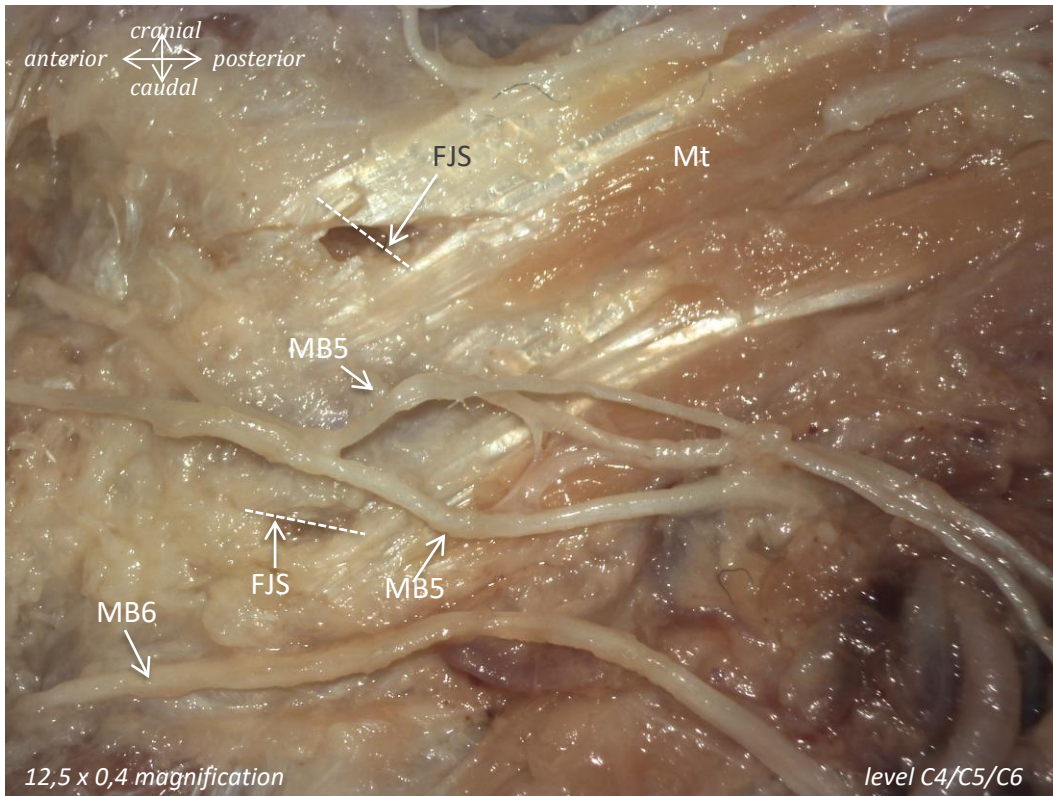


Muscles: Mt(r) = m. multifidi (removed)
Nerves: MB = medial branch; OMB = origin medial branch; nSp = n. spinalis
Vessels: BV = blood vessel
Extra: TP = tuberculum posterior



Muscles: SemiCap = m. semispinalis capitis; Mt(r) = m. multifidi (removed)
Nerves: MB = medial branch; dfB = direct facet branch; OMB = origin medial branch; nSp = n. spinalis
Extra: TP = tuberculum posterius

Male, 76 years of age

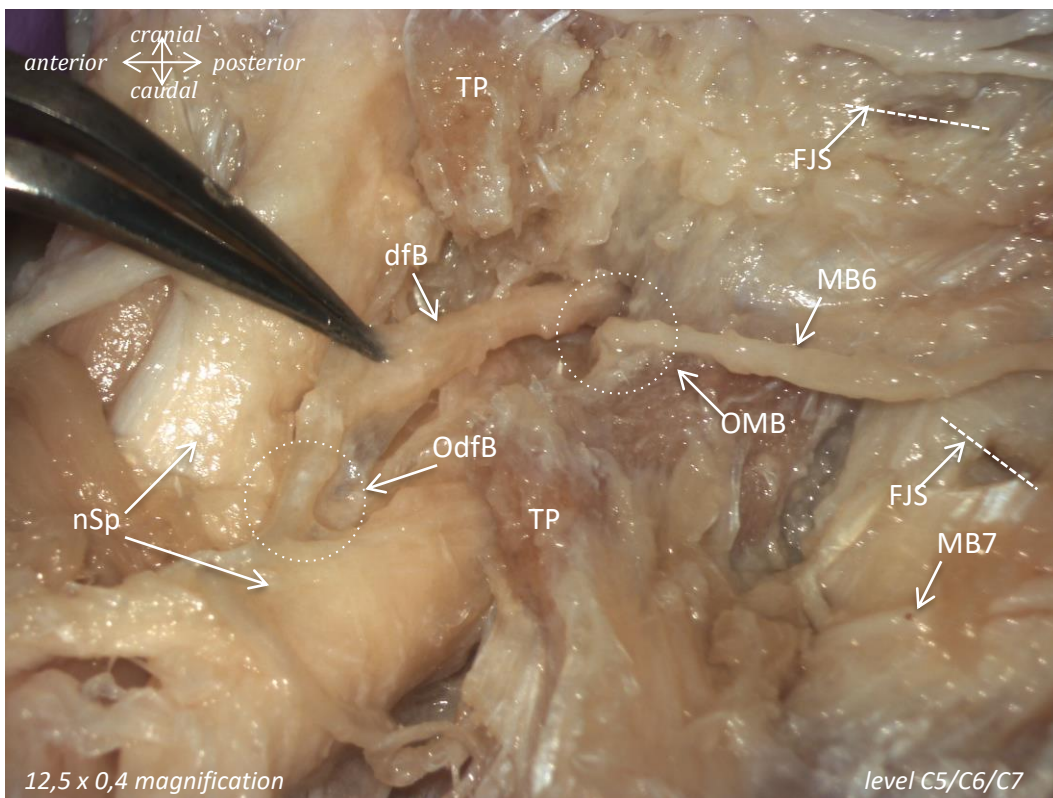
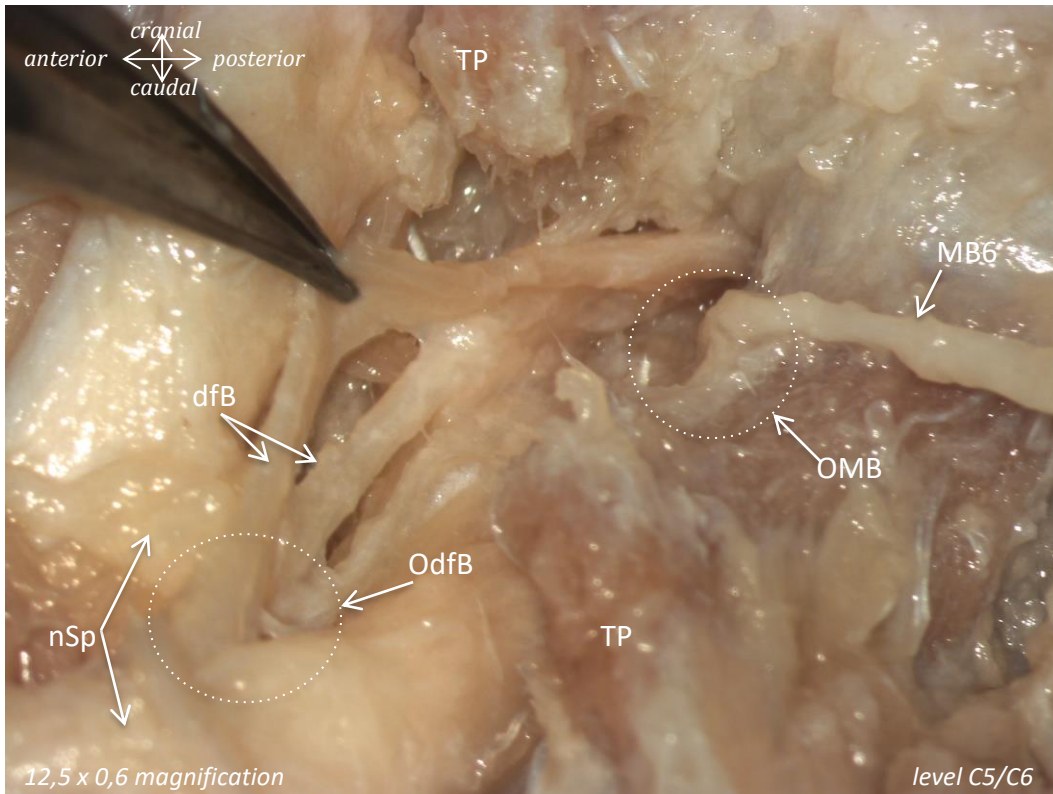


Muscles: Mt = m. multifidi

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

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

Male, 76 years of age



Nerves: MB = medial branch; dfB = direct facet branch; OMB = origin medial branch; nSp = n. spinalis; OdfB = the facet branch originates directly from the spinal nerve
Extra: TP = tuberculum posterior; FJS = facet joint space