

ANATOMICAL DISSECTION – PROTOCOLS

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Introduction

Dear students,

we are presenting the scripts that should help you to better orientation during the dissection course and to improve your preparation for the final examination. At the same time, we aim to point out clinically significant or frequently occurring anatomical variations.

The scripts are divided into individual chapters and subchapters corresponding to the dissection procedures at the Department of Anatomy, Faculty of Medicine, MUNI.

You can find a list of anatomical variations that you may encounter during the dissection course at the beginning of each chapter. This list can motivate you to find out more information about the variation in order to deepen your knowledge. Moreover, you can use the cited literature, which is at the end of each chapter.

Each subchapter contains the tables with the anatomical structures you should identify, and note the relevant information, such as the course of the nerves or vessels, etc.

The NOTE box is for any variation, or the reason for the absence of the structure (e.g., it was cut out during dissection). This part should be completed during the work in the dissection room.

In the second part of the subchapter, you have the opportunity to draw the schematic drawings of important topographical regions and note the relationships of important anatomical structures. These schemes are also an important part of the final examination. You can work on this part during your self-study time in the red floor or at home.

The final part of each subchapter is devoted to selected clinically significant variations whose presence on the specimens you should observe. You can note any others that you have encountered during dissection.

We wish you all that the scripts will serve the purpose and help you in improving your study of Anatomy.

Lucie Kubíčková and colleagues

Used abbreviations:

a. – arteria

aa. – arteriae

ant-. – anterior

cap. – capitis

dx. – dexter

ggl. – ganglion

ggl. – ganglia

inf. – inferior

int. – interna

lat. – lateralis

lig. – ligamentum

med. – medialis

m. – musculus

n. – nervus

nn. – nervi

pl. – plexus

post. – posterior

proc. – processus

r. – ramus

rr. – rami

sin. – sinister

sup. – superior

tr. – truncus

v. – vena

vv. – venae

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1. DISSECTION OF THE BACK REGION (*Kludia Lakatosová*)

1.1. OVERVIEW OF THE MOST COMMON VARIATIONS OF THIS REGION

VARIATIONS OF MUSCLES
partial or full absence of trapezius muscle
bifurcation of semispinalis capitis muscle
rectus capitis posterior major muscle divided into 2/3 parts
rectus capitis posterior minor muscle divided into 2/3/4 parts
occipitalis minor muscle (of Santorini)
spinalis capitis muscle with 2 bellies
rhomboideus capitis muscle
serratus posterior superior muscle replaced by fibrous tissue
serratus posterior inferior muscle replaced by fibrous tissue
thoracodorsal artery running on the surface of latissimus dorsi muscle
rhomboideus capitis muscle
VARIATIONS OF ARTERIES
duplication of occipital artery
thoracodorsal artery running on the surface of latissimus dorsi muscle
VARIATIONS OF NERVES
duplication of greater occipital nerve
lesser occipital nerve passing through the sternocleidomastoideus muscle

1.2. POSTERIOR CERVICAL REGION/NUCHAL REGION (*REGIO COLLI POSTERIOR/REGIO NUCHAE*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the gluteal region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
dorsal branches of the spinal nerves (<i>rr. dorsales nervorum spinalium</i>)			
greater occipital nerve (<i>n. occipitalis major</i>)			
third occipital nerve (<i>n. occipitalis tertius</i>)			
lesser occipital nerve (<i>n. occipitalis minor</i>)			
occipital artery (<i>a. occipitalis</i>)			
occipital vein (<i>v. occipitalis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
trapezius muscle					
splenius capitis muscle					
splenius cervicis muscle					
levator scapulae muscle					

longissimus capitis muscle					
longissimus cervicis muscle					
semispinalis capitis muscle					
semispinalis cervicis muscle					
rectus capitis post. major muscle					
rectus capitis post. minor muscle					
obliquus capitis sup. muscle					
obliquus capitis inf. muscle					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY	NOTE
occipital artery (<i>a. occipitalis</i>)				
vertebral artery (<i>a. vertebralis</i>)				
deep cervical artery (<i>a. cervicalis profunda</i>)				
transverse cervical artery (<i>a. transversa colli</i>)				
	√/x	COURSE	IS A TRIBUTARY OF	NOTE
suboccipital venous plexus (<i>plexus venosus suboccipitalis</i>)				

C) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
accessory nerve (<i>n. accessorius</i>)				
suboccipital nerve (<i>n. suboccipitalis</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE SUBOCCIPITAL TRIANGLE – BORDERS AND CONTENT:

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
partial or full absence of trapezius m.	
bifurcation of semispinalis capitis m.	
rectus capitis posterior major m. divided into 2/3 parts	
rectus capitis posterior minor m. divided into 2/3/4 parts	
occipitalis minor m. (of Santorini)	
spinalis capitis muscle with 2 bellies	
duplication of occipital artery	
lesser occipital n. passing through sternocleidomastoideus m.	
duplication of greater occipital n.	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

1.3. DORSAL REGIONES – SCAPULAR, SUPRASCAPULAR, VERTEBRAL, SACRAL, LUMBAR REGION (*REGIO SCAPULARIS, SUPRASCAPULARIS, VERTEBRALIS, SACRALIS, LUMBALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the gluteal region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
dorsal branches of the spinal nerves (<i>rr. dorsales nervorum spinalium</i>)			
posterior intercostal arteries (<i>aa. intercostales posteriores</i>)			
posterior intercostal veins (<i>vv. intercostales posteriores</i>)			
thoracodorsal fascia (<i>fascia thoracodorsalis</i>)			
thoracolumbar fascia (<i>fascia thoracolumbalis</i>)			

3) DEEP LAYER

A) EXTRINSIC BACK MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
trapezius muscle					
latissimus dorsi muscle					

levator scapulae muscle					
rhomboides minor muscle					
rhomboides major muscle					
serratus posterior superior muscle					
serratus posterior inferior muscle					

B) INTRINSIC BACK MUSCLES

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
splenius capitis muscle					
splenius cervicis muscle					
longissimus cervicis muscle					
longissimus dorsi muscle					
iliocostalis muscle					
spinalis cervicis muscle					
spinalis thoracis muscle					
interspinales cervicis muscles					
interspinales lumborum mm.					
semispinalis cervicis muscle					
semispinalis thoracis muscle					
multifidi muscles					
rotatores muscles					

C) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY	NOTE
transverse cervical artery (<i>a. transversa colli</i>)				
thoracodorsal artery (<i>a. thoracodorsalis</i>)				
lumbar arteries (<i>aa. lumbales</i>)				
deep cervical artery (<i>a. cervicalis profunda</i>)				
	√/x	COURSE	IS A TRIBUTARY OF	NOTE
deep cervical vein (<i>v. cervicalis profunda</i>)				
thoracodorsal vein (<i>v. thoracodorsalis</i>)				

D) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
accessory nerve (<i>n. accesorius</i>)				
thoracodorsal nerve (<i>n. thoracodorsalis</i>)				
dorsal scapular nerve (<i>n. dorsalis scapulae</i>)				
intercostal nerves (<i>nn. intercostales</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE INFERIOR LUMBAR TRIANGLE (PETITI), DESCRIBE THE BORDERS:

5) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE SUPERIOR LUMBAR TRIANGLE (GRINFELTTI), DESCRIBE THE BORDERS. EXPLAIN THE DIFFERENCE BETWEEN THE GRINFELTTI TRIANGLE AND KRAUSEI TETRAGON:

6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
rhomboideus capitis m.	
serratus posterior superior muscle replaced by fibrous tissue	
serratus posterior inferior muscle replaced by fibrous tissue	
thoracodorsal a. running on the surface of latissimus dorsi m.	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

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2. DISSECTION OF THE UPPER EXTREMITY (*Kateřina Vymazalová*)

2.1. OVERVIEW OF THE MOST COMMON VARIATIONS OF THIS REGION

VARIATIONS OF MUSCLES
subscapularis minor muscle
third head of the biceps brachii muscle
Epitrochleoanconeus muscle
absent palmaris longus muscle
Gantzer muscle: accessory portion of flexor pollicis longus or flexor digitorum profundus
arcade of Frohse (thicker fibrous margin of the superficial part of the supinator)
tendinous ulnar head of the pronator teres muscle
absent flexor pollicis brevis muscle
4th palmar interosseous muscle
VARIATIONS OF ARTERIES
suprascapular artery (<i>a. suprascapularis</i>) passes beneath the superior transverse scapular ligament (<i>lig. transversum scapulae superius</i>)
brachioradial artery (<i>a. brachioradialis</i>)
superficial brachial artery (<i>a. brachialis superficialis</i>)
median artery (<i>a. mediana</i>)
incomplete superficial palmar arch (<i>arcus palmaris superficialis</i>)
VARIATIONS OF VEINS
median cubital vein (<i>v. mediana cubiti</i>) - its shape: M/Y/N/W
VARIATIONS OF NERVES
medial head of the triceps brachii is innervated by ulnar nerve
absent musculocutaneous nerve (<i>n. musculocutaneus</i>)
musculocutaneous nerve (<i>n. musculocutaneus</i>) doesn't pierce through coracobrachialis m.
Martin-Gruber anastomosis: connection between ulnar nerve and median nerve
superficial branch of the radial nerve (<i>r. superficialis n. radialis</i>) passes through split tendon of brachioradialis m.
OTHER VARIATIONS
supracondylar spur (<i>proc. supracondylaris humeri</i>)
Struthers' ligament: Arcade of Struthers: thickening of the brachial fascia
Osborne's ligament: cubital tunnel retinaculum

2.2. SCAPULAR AND DELTOID REGION (*REGIO SCAPULARIS ET DELTOIDEA*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the scapular and deltoid regions. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
superior lateral brachial cutaneous nerve (<i>n. cutaneus brachii lateralis superior</i>)			
inferior lateral brachial cutaneous nerve (<i>n. cutaneus brachii lateralis inferior</i>)			
supraclavicular nerves (<i>nn. supraclaviculares</i>)			
cephalic vein (<i>v. cephalica</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
deltoid muscle					
supraspinatus muscle					
infraspinatus muscle					
teres minor muscle					
teres major muscle					
subscapularis muscle					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
suprascapular artery (<i>a. suprascapularis</i>)				
posterior circumflex humeral artery (<i>a. circumflexa humeri posterior</i>)				
circumflex scapular artery (<i>a. circumflexa scapulae</i>)				
anterior circumflex humeral artery (<i>a. circumflexa humeri anterior</i>)				
subscapular artery (<i>a. subscapularis</i>)				
thoracodorsal artery (<i>a. thoracodorsalis</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
medial cord (<i>fasciculus medialis</i>)				
posterior cord (<i>fasciculus posterior</i>)				
lateral cord (<i>fasciculus lateralis</i>)				
axillary nerve (<i>n. axillaris</i>)				
suprascapular nerve (<i>n. suprascapularis</i>)				
subscapular nerve (<i>n. subscapularis</i>)				
thoracodorsal nerve (<i>n. thoracodorsalis</i>)				

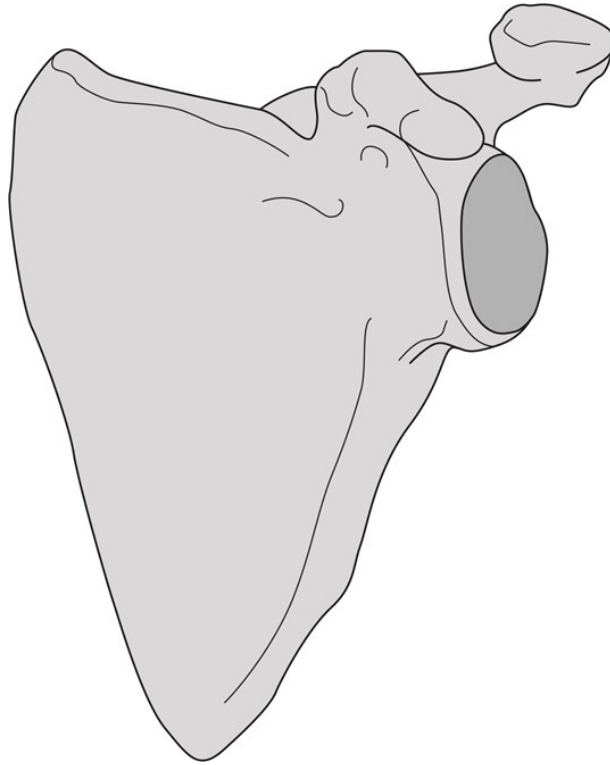
4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE *FORAMEN OMOTRICIPITALE* AND *FORAMEN HUMEROTRICIPITALE* – BORDERS AND CONTENT:

5) WRITE OTHER ADJACENT MUSCLES (12), WHOSE ORIGINS OR INSERTIONS ARE PART OF THESE TWO REGIONS. MARK THEIR PRESENCE/ABSENCE, INCLUDE THEIR INNERVATION, ORIGIN, OR INSERTION. NOTE ANY VARIATIONS FOUND IN THE APPROPRIATE MUSCLES OR THE REASON FOR THE ABSENCE OF THE MUSCLE:

MUSCLE	√/x	INNERVATION	ORIGION/INSERTION	NOTE

6) WRITE THE ROTATOR CUFF MUSCLES AND THEIR FUNCTIONS:

7) LABEL THE SUPERIOR TRANSVERSE SCAPULAR LIGAMENT (*LIG. TRANSVERSUM SCAPULAE SUPERIUS*) AND ADJACENT STRUCTURES INTO THE SCHEMATIC DRAWING:



8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
suprascapular artery (<i>a. suprascapularis</i>) passes beneath the superior transverse scapular ligament (<i>lig. transversum scapulae superius</i>)	
subscapularis minor muscle (<i>m. subscapularis minor</i>)	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

2.3. ANTERIOR BRACHIAL REGION (*REGIO BRACHII ANTERIOR*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the anterior brachial region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
intercostobrachial nerves (<i>nn. intercostobrachiales</i>)			
medial brachial cutaneous nerve (<i>n. cutaneus brachii medialis</i>)			
medial antebrachial cutaneous nerve (<i>n. cutaneus antebrachii medialis</i>)			
basilic vein (<i>v. basilica</i>)			
cephalic vein (<i>v. cephalica</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
biceps brachii muscle					
coracobrachialis m.					
brachialis muscle					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
brachial artery (<i>a. brachialis</i>)				
superior ulnar collateral artery (<i>a. collateralis ulnaris superior</i>)				
inferior ulnar collateral artery (<i>a. collateralis ulnaris inferior</i>)				

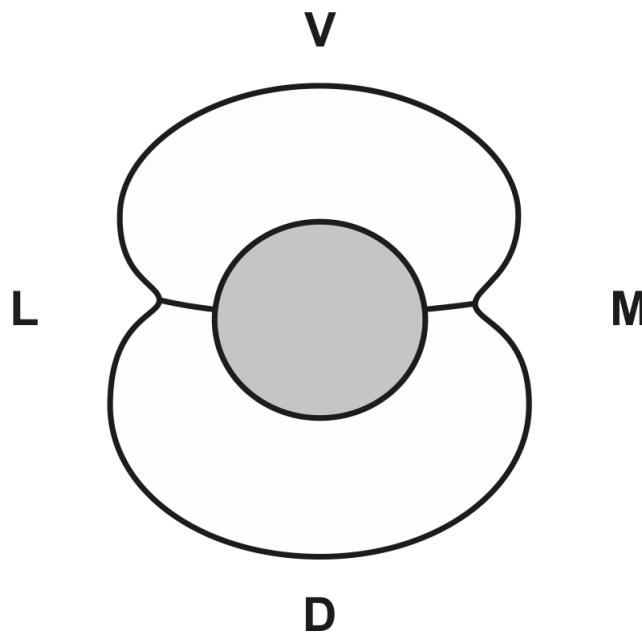
C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
musculocutaneous nerve (<i>n. musculocutaneus</i>)				
median nerve (<i>n. medianus</i>)				
ulnar nerve (<i>n. ulnaris</i>)				

4) DRAW AND LABEL THE STRUCTURES PASSING THROUGH THE MEDIAL AND LATERAL BICIPITAL GROOVES (*SULCUS BICIPITALIS MEDIALIS ET LATERALIS*):



5) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE RELATIONSHIP BETWEEN THE CORACOBRACHIALIS MUSCLE (*MUSCULUS CORACOBRACHIALIS*) AND MUSCULOCUTANEOUS NERVE (*NERVUS MUSCULOCUTANEUS*):

6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
absent musculocutaneous nerve (<i>n. musculocutaneus</i>)	
brachioradial artery (<i>a. brachioradialis</i>)	
superficial brachial artery (<i>a. brachialis superficialis</i>)	
third head of the biceps brachii muscle (<i>m. biceps brachii</i>)	
supracondylar spur (<i>proc. supracondylaris humeri</i>)	
Struthers' ligament – Arcade of Struthers	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

2.4. POSTERIOR BRACHIAL REGION (*REGIO BRACHII POSTERIOR*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the posterior brachial region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
superior lateral brachial cutaneous nerve (<i>n. cutaneus brachii lateralis superior</i>)			
inferior lateral brachial cutaneous nerve (<i>n. cutaneus brachii lateralis inferior</i>)			
posterior brachial cutaneous nerve (<i>n. cutaneus brachii posterior</i>)			
posterior antebrachial cutaneous nerve (<i>n. cutaneus antebrachii posterior</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
triceps brachii muscle					
anconeus muscle					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

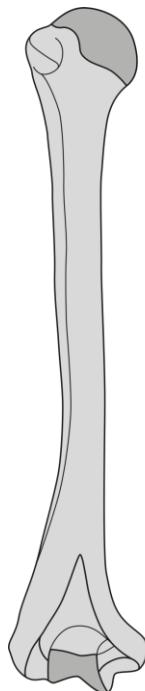
	✓/x	COURSE	AREA OF SUPPLY	NOTE
deep brachial artery (<i>a. profunda brachii</i>)				
middle collateral artery (<i>a. collateralis media</i>)				
radial collateral artery (<i>a. collateralis radialis</i>)				
humeral nutrient artery (<i>a. nutricia humeri</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
radial nerve (<i>n. radialis</i>)				

4) DRAW AND LABEL THE RADIAL NERVE (*NERVUS RADIALIS*) AND THE DEEP BRACHIAL ARTERY (*ARTERIA PROFUNDA BRACHII*) INTO THE SCHEMATIC DRAWING:



5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
epitrochleoanconeus muscle (<i>m. epitrochleoanconeus</i>)	
medial head of the triceps brachii muscle (<i>caput mediale musculi tricipitis brachii</i>) innervated from the ulnar nerve (<i>n. ulnaris</i>)	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

2.5. CUBITAL REGION (*REGIO CUBITI*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the cubital region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
lateral antebrachial cutaneous nerve (<i>n. cutaneus antebrachii lateralis</i>)			
medial antebrachial cutaneous nerve (<i>n. cutaneus antebrachii medialis</i>)			
posterior antebrachial cutaneous nerve (<i>n. cutaneus antebrachii posterior</i>)			
superficial branch of the radial nerve (<i>r. superficialis n. radialis</i>)			
basilic vein (<i>v. basilica</i>)			
cephalic vein (<i>v. cephalica</i>)			
median cubital vein (<i>v. mediana cubiti</i>)			

3) DEEP LAYER

A) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
brachial artery (<i>a. brachialis</i>)				
recurrent radial artery (<i>a. recurrens radialis</i>)				
radial collateral artery (<i>a. collateralis radialis</i>)				

B) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓	COURSE	AREA OF INNERVATION	NOTE
deep branch of the radial nerve (<i>r. profundus n. radialis</i>)				
ulnar nerve (<i>n. ulnaris</i>)				
median nerve (<i>n. medianus</i>)				

4) DRAW AND LABEL SCHEMATIC DRAWING OF THE CUBITAL FOSSA (*FOSSA CUBITI*):

5) WRITE THE MUSCLES WHOSE ORIGIN OR INSERTION IS PRESENT IN THIS REGION:

6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x	
median cubital vein (<i>v. mediana cubiti</i>)		SHAPE (M/Y/N/W)
Osborne's ligament: cubital tunnel retinaculum		

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

2.6. ANTERIOR ANTEBRACHIAL REGION (*REGIO ANTEBRACHII ANTERIOR*) + ANTERIOR CARPAL REGION (*REGIO CARPI PALMARE*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the anterior antebrachial and anterior carpal regions. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
lateral antebrachial cutaneous nerve (<i>n. cutaneus antebrachii lateralis</i>)			
medial antebrachial cutaneous nerve (<i>n. cutaneus antebrachii medialis</i>)			
superficial branch of the radial nerve (<i>r. superficialis nervi radialis</i>)			
basilic vein (<i>v. basilica</i>)			
cephalic vein (<i>v. cephalica</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
pronator teres m.					
palmaris longus m.					
flexor carpi radialis m.					

flexor carpi ulnaris m.					
flexor digitorum superficialis m.					
flexor digitorum profundus m.					
flexor pollicis longus m.					
pronator quadratus m.					
supinator m.					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
radial artery (<i>a. radialis</i>)				
ulnar artery (<i>a. ulnaris</i>)				
recurrent radial artery (<i>a. recurrens radialis</i>)				
recurrent ulnar artery (<i>a. recurrens ulnaris</i>)				
anterior interosseous artery (<i>a. interossea antebrachii ant.</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
superficial branch of the radial nerve (<i>r. superficialis n. radialis</i>)				
median nerve (<i>n. medianus</i>)				
anterior interosseous nerve (<i>n. interosseus antebrachii anterior</i>)				
ulnar nerve (<i>n. ulnaris</i>)				
dorsal branch of the ulnar nerve (<i>r. dorsalis n. ulnaris</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING (CROSS SECTION) OF THE CARPAL CANAL (*CANALIS CARPI*) (INCLUDING CONTENTS):

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
absent palmaris longus muscle	
Gantzer muscle	
arcade of Frohse	
tendinous ulnar head of the pronator teres muscle	
median artery (<i>a. mediana</i>)	
Martin-Gruber anastomosis	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

2.7. POSTERIOR ANTEBRACHIAL REGION (*REGIO ANTEBRACHII POSTERIOR*) + POSTERIOR CARPAL REGION (*REGIO CARPI DORSALE*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the posterior antebrachial and posterior carpal regions. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
posterior antebrachial cutaneous nerve (<i>n. cutaneus antebrachii posterior</i>)			
dorsal branch of the ulnar nerve (<i>r. dorsalis n. ulnaris</i>)			
superficial branch of the radial nerve (<i>r. superficialis n. radialis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
extensor digitorum m.					
extensor digiti minimi m.					
extensor carpi ulnaris m.					
abductor pollicis longus m.					
extensor pollicis brevis m.					
extensor pollicis longus m.					

extensor indicis m.					
brachioradialis m.					
extensor carpi radialis longus m.					
extensor carpi radialis brevis m.					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
posterior interosseous artery (<i>a. interossea posterior</i>)				
anterior interosseous artery (<i>a. interossea anterior</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
superficial branch of the radial nerve (<i>r. superficialis n. radialis</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE ANATOMICAL SNUFF BOX (*FOVEOLA RADIALIS*):

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
split tendon of the brachioradialis muscle	
superficial branch of the radial nerve (<i>r. superficialis n. radialis</i>) passes through split tendon of the brachioradialis muscle	
accessory head of pollicis longus	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

2.8. PALM OF THE HAND (*PALMA MANUS*) + FINGERS (*DIGITOS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the hand and palmar side of the fingers. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence. Inspect the palmar aponeurosis (*aponeurosis palmaris*):

	✓/x	COURSE	NOTE
palmar branch of the median nerve (<i>r. palmaris n. mediani</i>)			
palmar cutaneous branch of the ulnar nerve (<i>r. cutaneus palmaris n. ulnaris</i>)			
proper palmar digital nerves (<i>nn. digitales palmares proprii</i>)			
proper palmar digital vessels (<i>vasa digitalia palmaria propria</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
abductor pollicis brevis m.					
flexor pollicis brevis m.					
opponens pollicis m.					
adductor pollicis m.					
palmaris brevis m.					
abductor digiti minimi m.					
flexor digiti minimi m.					
opponens digiti minimi m.					
lumbrical m.					

palmar interosseous m.					
------------------------	--	--	--	--	--

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

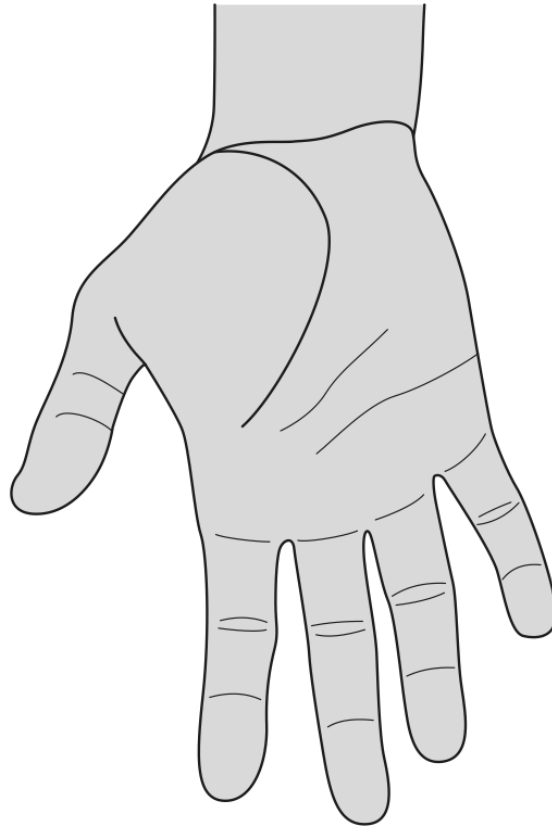
	✓/x	COURSE	AREA OF SUPPLY	NOTE
superficial palmar arch (<i>arcus palmaris superficialis</i>)				
common and proper palmar digital arteries (<i>aa. digitales palmares communes et propriae</i>)				
deep palmar arch (<i>arcus palmaris profundus</i>)				
palmar metacarpal arteries (<i>aa. metacarphae palmares</i>)				
princeps pollicis artery (<i>a. princeps pollicis</i>)				
radialis indicis artery (<i>a. radialis indicis</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

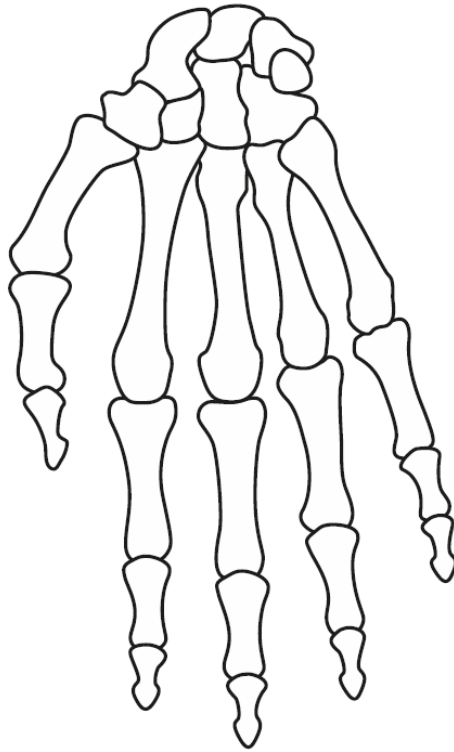
	✓/x	COURSE	AREA OF INNERVATION	NOTE
thenar branch of the median nerve (<i>r. thenaris n. mediani</i>)				
common palmar digital nerves (<i>nn. digitales palmares communes</i>)				
proper palmar digital nerves (<i>nn. digitales palmares propriae</i>)				

4) DRAW AND LABEL THE SKIN INNERVATION OF THE PALM OF THE HAND AND PALMAR SIDE OF THE FINGERS INTO THE SCHEMATIC DRAWING:

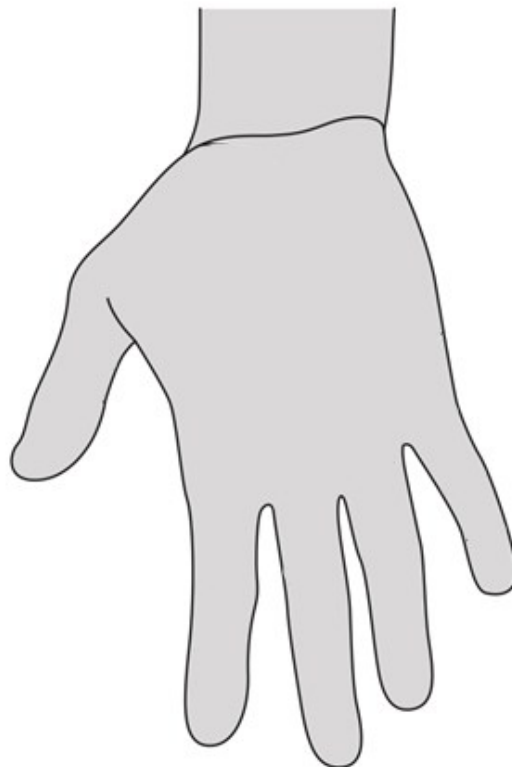


5) WRITE THE FOREARM MUSCLES WHICH ARE ATTACHED IN THESE REGIONS:

6) DRAW THE INTEROSSEAL PALMAR MUSCLES (*MM. INTEROSSEI PALMARES*) INTO THE SCHEMATIC DRAWING:



7) DRAW THE SUPERFICIAL AND DEEP PALMAR ARCHES (*ARCUS PALMARIS SUPERFICIALIS ET PROFUNDUS*) INTO THE SCHEMATIC DRAWING:



8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
absent flexor pollicis brevis muscle	
4th palmar interosseous muscle	
incomplete superficial palmar arch (<i>arcus palmaris superficialis</i>)	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

2.9. DORSUM OF THE HAND (*DORSUM MANUS*) + FINGERS (*DIGITOS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the dorsum of the hand and dorsal side of the fingers. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any varieties or the reason for their absence:

	✓/x	COURSE	NOTE
dorsal branch of the ulnar nerve (<i>r. dorsalis n. ulnaris</i>)			
superficial branch of the radial nerve (<i>r. superficialis nervi radialis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
dorsal interosseous muscles					

B) ARTERIES

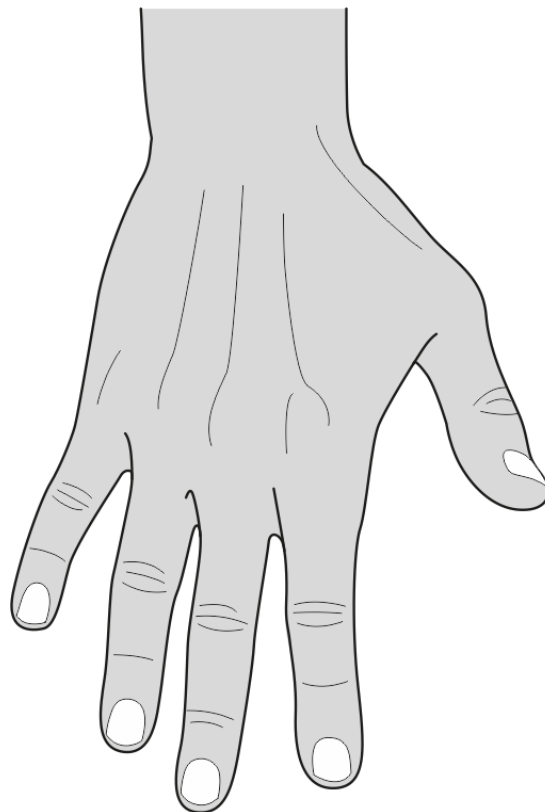
Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
radial artery (<i>a. radialis</i>)				
dorsal arterial network (<i>rete carpi dorsale</i>)				

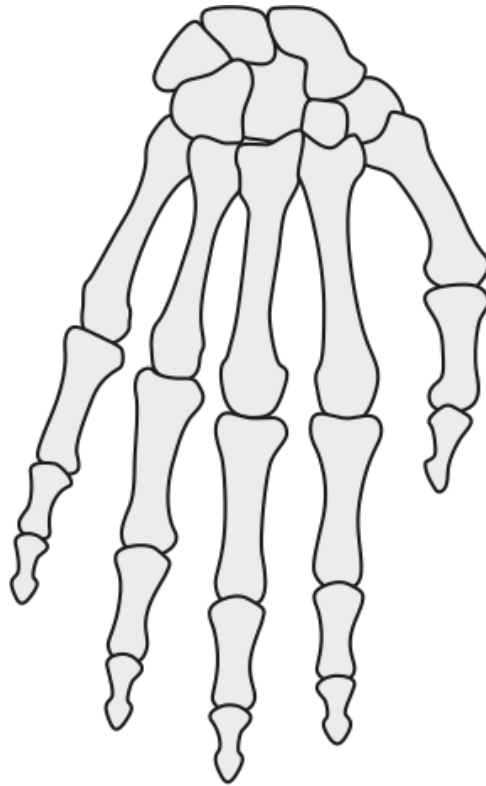
C) NERVES

	✓/x	COURSE	AREA OF INNERVATION	NOTE
dorsal digital nerves (<i>nn. digitales dorsales</i>)				

4) DRAW AND LABEL THE SKIN INNERVATION OF THE DORSAL SIDE OF THE HAND AND FINGERS (*DORSUM MANUS*) INTO THE SCHEMATIC DRAWING:



5) DRAW THE INTEROSSEAL DORSAL MUSCLES (*MM. INTEROSSEI DORSALES*) INTO THE SCHEMATIC DRAWING:



6) WRITE THE FOREARM MUSCLES WHICH ARE ATTACHED IN THESE REGIONS:

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

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3. DISSECTION OF THE LOWER EXTREMITY (*Lucie Kubičková*)

3.1. OVERVIEW OF THE MOST COMMON VARIATIONS OF THIS REGION

VARIATION OF MUSCLES
two heads of the piriform muscle
fusion of the lateral and intermedius vastus muscles
separate insertions of both heads of the biceps femoris muscle to the head of the fibula
origin of the long head of the biceps femoris – sacrotuberal ligament
origin of the semitendinosus muscle – sacrotuberal ligament
<i>musculus tensor fasciae dorsalis pedis</i> (Woodi)
accessory soleus muscle
plantar muscle
accessory plantar muscle
missing soleus muscle or it's tibial head
fibularis quadratus muscle
fibularis tertius muscle
<i>m. tibioastragalus anticus</i> (Gruber muscle)
VARIATION OF ARTERIES
sciatic artery (<i>a. comitans n. ischiadici</i>)
variations in the branching of the deep femoral artery from the femoral artery
branching of the lateral circumflex femoral artery from the femoral artery
variations in the branching of the popliteal artery
branching of the popliteal artery above popliteal muscle
hypoplastic, aplastic anterior/posterior tibial artery
VARIATION OF VEINS
small saphenous vein – tributary of the femoral vein or great saphenous vein
anterior/posterior accessory saphenous vein
small saphenous vein – tributary of the inferior gluteal vein
persistent sciatic vein
VARIATION OF NERVES
pubental nerve pierces the sacrotuberal ligament
high branching of the sciatic nerve (absent sciatic nerve)
communicating fibular branch-from the common fibular nerve, from the lateral sural cutaneous nerve, missing
deep accessory fibular nerve of the superficial fibular nerve
medial sural cutaneous nerve substituting the sural nerve
lateral sural cutaneous nerve substituting the sural nerve

3.2. GLUTEAL REGION (*REGIO GLUTAE*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the gluteal region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
superior cluneal nerves (<i>n. clunium superiores</i>)			
medial cluneal nerves (<i>n. clunium medii</i>)			
inferior cluneal nerves (<i>n. clunium inferiores</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
gluteus maximus m.					
gluteus medius m.					
gluteus minimus m.					
piriformis m.					
tensor fasciae latae m.					
superior gemellus m.					
inferior gemellus m.					
obturator internus m.					
quadratus femoris m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
superior gluteal artery (<i>a. glutea superior</i>)				
inferior gluteal artery (<i>a. glutea inferior</i>)				
internal pudendal artery (<i>a. pudenda interna</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
superior gluteal vein (<i>v. glutea superior</i>)				
inferior gluteal vein (<i>v. glutea inferior</i>)				
internal pudendal vein (<i>v. pudenda interna</i>)				

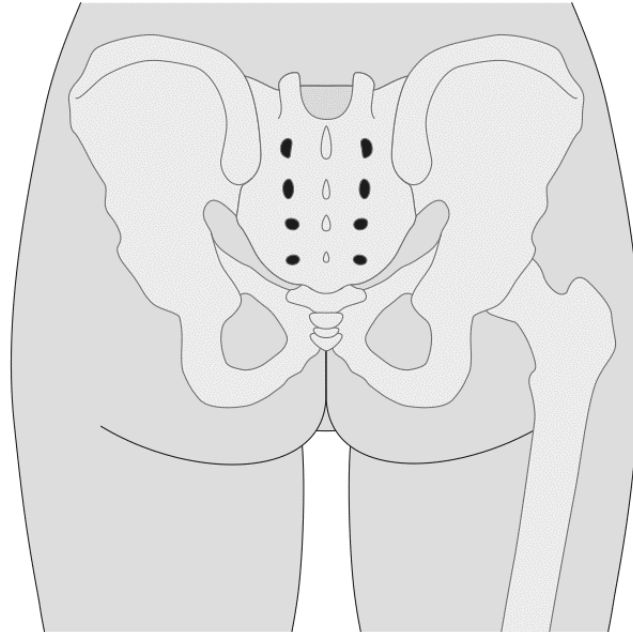
C) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

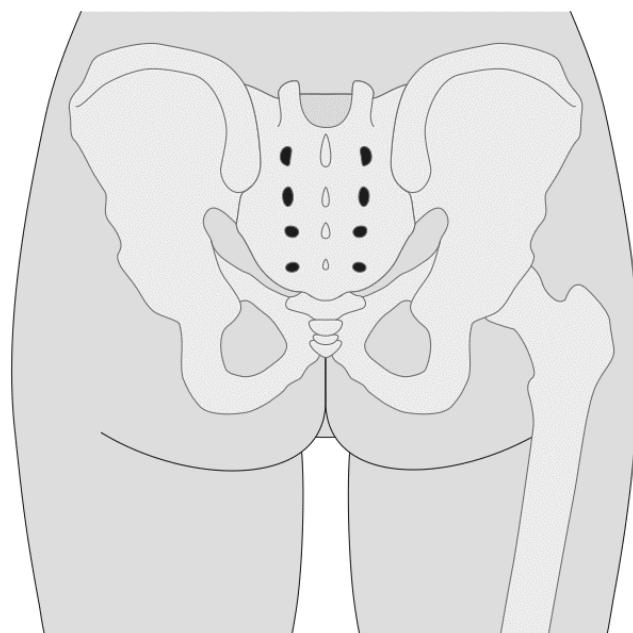
Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
superior gluteal nerve (<i>n. gluteus superior</i>)				
inferior gluteal nerve (<i>n. gluteus inferior</i>)				
posterior cutaneous femoral nerve (<i>n. cutaneus femoris posterior</i>)				
pudendal nerve (<i>n. pudendus</i>)				
sciatic nerve (<i>n. ischiadicus</i>)				

4) DRAW AND LABEL THE SACROSPINAL AND SACROTUBERAL LIGAMENTS (*LIGAMENTUM SACROSPINALE ET SACROTUBERALE*) INTO THE SCHEMATIC DRAWING. WHICH SPACES ARE CREATED?



5) DRAW AND LABEL THE COURSE OF THE PIRIFORM MUSCLE (*MUSCULUS PIRIFORMIS*) INTO THE SCHEMATIC DRAWING:



6) LABEL THE SCHEMATIC DRAWING OF THE SUPRAPIRIFORM AND INFRAPIRIFORM OPENINGS (*FORAMEN SUPRAPIRIFORME ET INFRAPIRIFORME*) AND THE STRUCTURES PASSING THROUGH THEM:

7) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
Two heads of the piriform muscle	
high branching of the sciatic nerve (absent sciatic nerve)	

8) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.3. ANTERIOR THIGH REGION (*REGIO FEMORIS ANTERIOR*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the anterior thigh region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
anterior cutaneous branches of the femoral nerve (<i>rr. cutanei anteriores n. femoralis</i>)			
lateral femoral cutaneous nerve (<i>n. cutaneus femoris lateralis</i>)			
great saphenous vein (<i>v. saphena magna</i>)			
accessory saphenous vein (<i>v. saphena accessoria</i>)			
saphenous nerve (<i>n. saphenus</i>)			
femoral branch of the genitofemoral nerve (<i>r. femoralis n. genitofemoralis</i>)			
obturator nerve (<i>n. obturatorius</i>)			
superficial circumflex femoral vein (<i>v. circumflexa femoris superficialis</i>)			
superficial epigastric vein (<i>v. epigastrica superficialis</i>)			
external pudendal veins (<i>vv. pudendae externae</i>)			

3) DEEP LAYER

A) MUSCLES:

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
quadriceps femoris m.					

sartorius m.					
pectineus m.					
gracilis m.					
adductor longus m.					
adductor brevis m.					
adductor magnus m.					
obturator externus m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
femoral artery (<i>a. femoralis</i>)				
deep femoral artery (<i>a. profunda femoris</i>)				
lateral circumflex femoral artery (<i>a. circumflexa femoris lateralis</i>)				
medial circumflex femoral artery (<i>a. circumflexa femoris medial</i>)				
perforating arteries (<i>aa. perforantes</i>)				
obturator artery (<i>a. obturatoria</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
femoral vein (<i>v. femoralis</i>)				
deep femoral vein (<i>v. profunda femoris</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
femoral nerve (<i>n. femoralis</i>)				

muscular branches of the femoral nerve (<i>rr. musculares n. femoralis</i>)				
anterior branch of the obturator nerve (<i>r. anterior n. obturatorii</i>)				
posterior branch of the obturator nerve (<i>r. posterior n. obturatorii</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE *LACUNA VASORUM* AND *MUSCULORUM* – BORDERS AND CONTENTS:

5) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE FEMORAL TRIANGLE AND THE ILIOPECTINEAL FOSSA (*TRIGONUM FEMORALE ET FOSSA ILIOPECTINEA*) – BORDERS AND CONTENTS:

6) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE ADDUCTOR CANAL (*CANALIS ADDUCTORIUS*)– BORDERS, CONTENT, AND COURSE:

7) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓ /x
variations in the branching of the deep femoral artery (<i>a. femoralis profunda</i>) from the femoral artery (<i>a. femoralis</i>)	
small saphenous vein (<i>v. saphena parva</i>) – a tributary of the great saphenous vein (<i>v. saphena magna</i>) or femoral vein (<i>v. femoralis</i>)	
superficial epigastric artery (<i>a. epigastrica superficialis</i>) – common origin with the superficial circumflex iliac artery (<i>a. circumflexa ilium superficialis</i>)	

8) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.4. POSTERIOR THIGH REGION (*REGIO FEMORIS POSTERIOR*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the posterior thigh region. Note any scars or other damage:

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
posterior femoral cutaneous nerve (<i>n. cutaneus femoris posterior</i>)			
femoropopliteal vein (<i>v. femoropoplitea</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
semitendinosus m.					
semimembranosus m.					
biceps femoris m.					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
muscular branches of the perforating arteries (<i>rr.</i>)				

<i>musculares aa. perforantes</i>				
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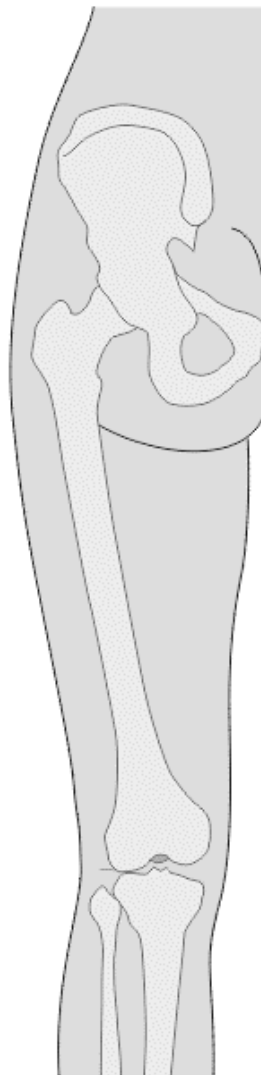
C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

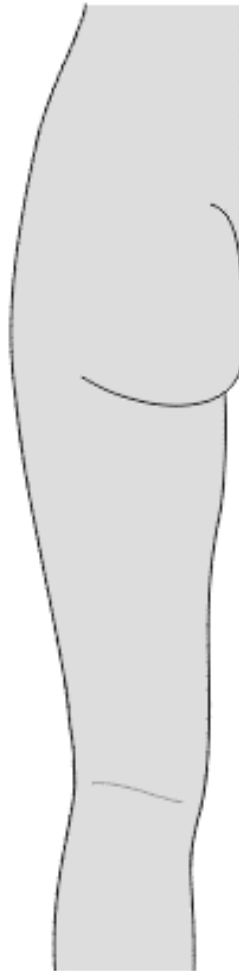
Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
sciatic nerve (<i>n. ischiadicus</i>)				
tibial nerve (<i>n. tibialis</i>)				
common fibular nerve (<i>n. fibularis communis</i>)				

4) DRAW AND LABEL THE COURSE OF THE HAMSTRINGS (*M. SEMITENDINOSUS*, *M. SEMIMEMBRANOSUS* ET *M. BICEPS FEMORIS*) INTO THE SCHEMATIC DRAWING:



5) DRAW AND LABEL THE BORDERS OF THE SKIN INNERVATION OF THE POSTERIOR THIGH REGION (*REGIO FEMORIS POSTERIOR*) INTO THE SCHEMATIC DRAWING:



6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
Long head of the biceps femoris muscle – origin – sacrotuberal ligament	
Small saphenous vein is the tributary to the inferior gluteal vein	
Communicating fibular branch of the common fibular nerve	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.5. ANTERIOR AND POSTERIOR KNEE REGIONS (*REGIO GENUS ANTERIOR ET POSTERIOR*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the anterior and posterior knee regions. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
small saphenous vein (<i>v. saphena parva</i>)			
great saphenous vein (<i>v. saphena magna</i>)			
femoropopliteal vein (<i>v. femoropoplitea</i>)			
lateral femoral cutaneous nerve (<i>n. cutaneus femoris lateralis</i>)			
lateral sural cutaneous nerve (<i>n. cutaneus surae lateralis</i>)			
medial sural cutaneous nerve (<i>n. cutaneus surae medialis</i>)			
saphenous nerve (<i>n. saphenus</i>)			

3) DEEP LAYER

A) MUSCLES

Write the muscles (tendons) which are attached in this region, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

MUSCLE	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE

Write the muscles which make up the *pes anserinus*, note their innervation and any variations found in the appropriate muscles or the reason for the absence of the muscle:

MUSCLE	✓/x	INNERVATION	NOTE

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
popliteal artery (<i>a. poplitea</i>)				
lateral superior collateral (genicular) artery (<i>a. genus collateralis superior lateralis</i>)				
medial superior collateral (genicular) artery (<i>a. genus collateralis superior medialis</i>)				
lateral inferior collateral (genicular) artery (<i>a. genus collateralis inferior lateralis</i>)				
medial inferior collateral (genicular) artery (<i>a. genus collateralis inferior medialis</i>)				
descending genicular artery (<i>a. genus descendens</i>)				

saphenous branch of the descending genicular artery (<i>r. saphenus</i> of <i>a. genus descendens</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
popliteal vein (<i>v. poplitea</i>)				

C) NERVES

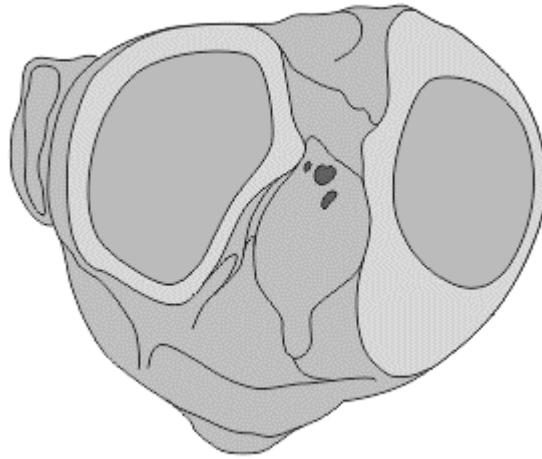
Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
saphenous nerve (<i>n. saphenus</i>)				
tibial nerve (<i>n. tibialis</i>)				
common fibular nerve (<i>n. fibularis comm.</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE POPLITEAL FOSSA (*FOSSA POPLITEA*) - BORDERS, CONTENTS:

5) DRAW AND LABEL THE INTRAARTICULAR STRUCTURES IN THE KNEE JOINT (*ART. GENUS*) AND THEIR RELATIONSHIP TO THE FIBROUS AND SYNOVIAL LAYER OF THE ARTICULAR CAPSULE INTO THE SCHEMATIC DRAWING:



6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
variations in branching of the popliteal artery	
branching of popliteal artery above the superior margin of the popliteal muscle	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.6. ANTERIOR LEG REGION (*REGIO CRURIS ANTERIOR*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the anterior leg region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
great saphenous vein (<i>v. saphena magna</i>)			
saphenous nerve (<i>n. saphenus</i>)			
superficial fibular nerve (<i>n. fibularis superficialis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
tibialis anterior m.					
extensor digitorum longus m.					
extensor hallucis longus m.					
fibularis longus m.					
fibularis brevis m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
anterior tibial artery (<i>a. tibialis anterior</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
anterior tibial vein (<i>v. tibialis anterior</i>)				

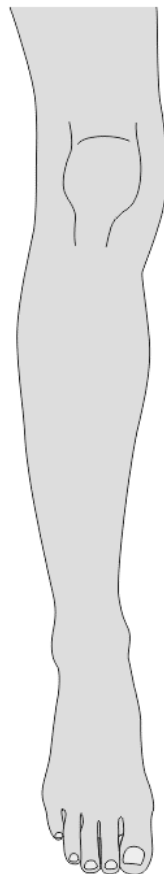
C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
deep fibular nerve (<i>n. fibularis profundus</i>)				
superficial fibular nerve (<i>n. fibularis superficialis</i>)				

4) DRAW AND LABEL THE COURSE OF THE CRURAL MUSCLES (*MM. CRURIS ANTERIOR*) INTO THE SCHEMATIC DRAWING:



5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
hypoplastic or aplastic anterior tibial artery	
deep accessory fibular nerve of the superficial fibular nerve	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.7. POSTERIOR LEG REGION (*REGIO CRURIS POSTERIOR*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the posterior leg region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
small saphenous vein (<i>v. saphena parva</i>)			
sural nerve (<i>n. suralis</i>)			
lateral sural cutaneous nerve (<i>n. cutaneus surae lateralis</i>)			
medial sural cutaneous nerve (<i>n. cutaneus surae medialis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
posterior tibial m.					
flexor digitorum longus m.					
flexor hallucis longus m.					
gastrocnemius m.					
soleus m.					
plantaris m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

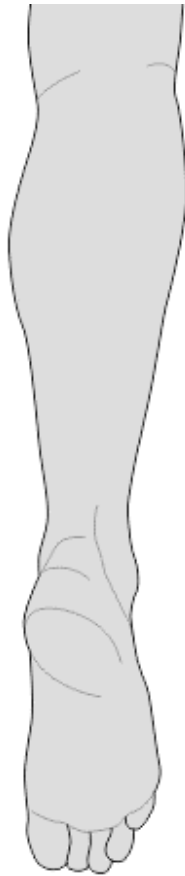
	✓/x	COURSE	AREA OF SUPPLY	NOTE
posterior tibial artery (<i>a. tibialis posterior</i>)				
circumflex fibular branch of the posterior tibial artery (<i>r. circumflexus fibularis a. tibialis posterior</i>)				
muscular branches of the posterior tibial artery (<i>rr. musculares a. tibialis posterior</i>)				
fibular artery (<i>a. fibularis</i>)				
muscular branches of fibular artery (<i>rr. musculares a. fibularis</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
posterior tibial vein (<i>v. tibialis posterior</i>)				
fibular vein (<i>v. fibularis</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
tibial nerve (<i>n. tibialis</i>)				
muscular branches of the tibial nerve (<i>rr. musculares n. tibialis</i>)				

4) DRAW AND LABEL THE BORDERS OF THE SKIN INNERVATION OF THE POSTERIOR LEG REGION (*REGIO CRURIS POSTERIOR*):



5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
soleus accessory muscle	
plantaris muscle	
variations of constitution of the sural nerve – different position, different branches	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.8. MEDIAL MALLEOLAR AND RETROMALLEOLAR REGION (*REGIO MALLEOLARIS ET RETROMALLEOLARIS MEDIALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the medial malleolar and retromalleolar region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
saphenous nerve (<i>n. saphenus</i>)			
great saphenous vein (<i>v. saphena magna</i>)			
medial calcaneal branches of the saphenous nerve (<i>rr. calcanei cruris mediales</i> of <i>n. saphenus</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
posterior tibial m.					
flexor digitorum longus m.					
flexor hallucis longus m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
posterior tibial artery (<i>a. tibialis posterior</i>)				
medial posterior malleolar artery of the posterior tibial artery (<i>a. malleolaris posterior medialis</i> of <i>a. tibialis posterior</i>)				
medial anterior malleolar artery of dorsalis pedis artery (<i>a. malleolaris anterior medialis</i> of <i>a. dorsalis pedis</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
posterior tibial vein (<i>v. tibialis posterior</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
tibial nerve (<i>n. tibialis</i>)				
medial calcaneal branches of the tibial nerve (<i>rr. calcanei mediales</i> of <i>n. tibialis</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE PLACEMENT OF THE STRUCTURES BEHIND THE MEDIAL MALLEOLUS:

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
flexor digitorum accessorius longus muscle	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.9. LATERAL MALLEOLAR AND RETROMALLEOLAR REGION (*REGIO MALLEOLARIS ET RETROMALLEOLARIS LATERALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the lateral malleolar and retromalleolar region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
sural nerve (<i>n. suralis</i>)			
small saphenous vein (<i>v. saphena parva</i>)			
lateral calcaneal branches of the sural nerve (<i>rr. calcanei laterales</i> of <i>n. suralis</i>)			
lateral dorsal cutaneous nerve of the sural nerve (<i>n. cutaneus dorsalis lateralis</i> of <i>n. suralis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
fibularis longus m.					
fibularis brevis m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
muscular branches of the fibular artery (<i>rr. musculares a. fibularis</i>)				
posterior lateral malleolar artery (<i>a. malleolaris posterior lateralis</i> of <i>a. fibularis</i>)				
anterior lateral malleolar artery (<i>a. malleolaris anterior lateralis</i> of <i>a. dorsalis pedis</i>)				
communicating branch (<i>r. communicans</i>)				
lateral malleolar network (<i>rete malleolare laterale</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
fibular vein (<i>v. fibularis</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
muscular branches of the superficial fibular nerve (<i>rr. musculares</i> of <i>n. fibularis superficialis</i>)				

4) DRAW AND LABEL THE PLACEMENT OF THE STRUCTURES BEHIND THE LATERAL ANKLE:

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
fibularis quadratus muscle	
insertion of the fibularis longus muscle on the sesamoid bone of the cuboid bone	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.10. SOLE OF THE FOOT (*PLANTA PEDIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the sole of the foot. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
plantar aponeurosis (<i>aponeurosis plantae</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
flexor digitorum brevis m.					
flexor hallucis brevis m.					
quadratus plantae m.					
abductor hallucis m.					
abductor digiti minimi m.					
flexor hallucis brevis m.					
flexor digiti minimi brevis m.					
adductor hallucis m.					
lumbrical mm.					
opponens digiti minimi m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
medial plantar artery (<i>a. plantaris medialis</i>)				
lateral plantar artery (<i>a. plantaris lateralis</i>)				
metatarsal plantar arteries (<i>aa. metatarsae plantares pedis</i>)				
deep branch of the medial plantar artery (<i>r. profundus a. plantaris medialis</i>)				
superficial branch of the medial plantar artery (<i>r. superficialis a. plantaris medialis</i>)				
plantar arch (<i>arcus plantaris</i>)				
plantar digital arteries (<i>aa. digitales plantares</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
medial plantar vein (<i>v. plantaris medialis</i>)				
lateral plantar vein (<i>v. plantaris lateralis</i>)				

C) NERVES

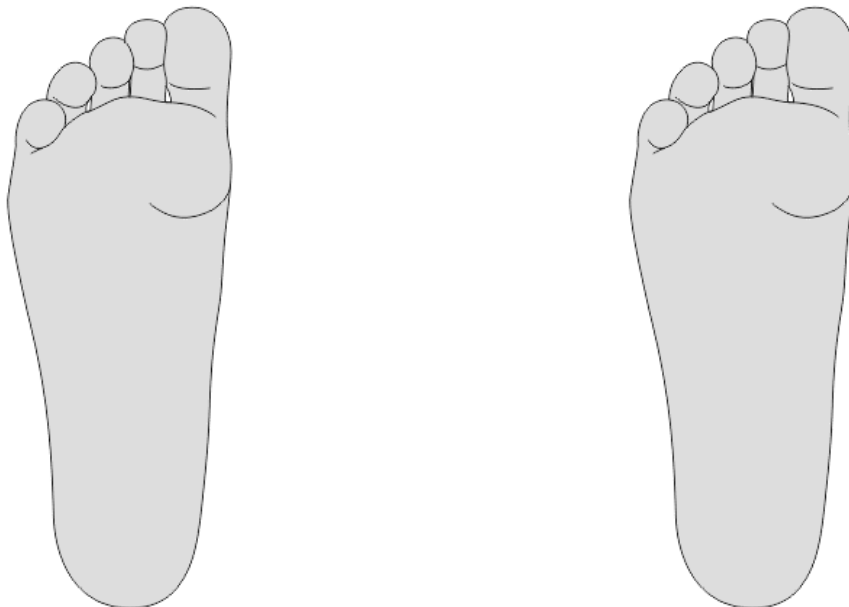
Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
medial plantar nerve (<i>n. plantaris medialis</i>)				
lateral plantar nerve (<i>n. plantaris lateralis</i>)				
muscular branches of the medial plantar nerve (<i>rr. musculares of n. plantaris medialis</i>)				

muscular branches of the lateral plantar nerve (<i>rr. musculares</i> of <i>n. plantaris lateralis</i>)				
common and proper plantar digital nerves (<i>nn. digital. plantares comm. et prop.</i>)				

4) DRAW AND LABEL THE BORDERS OF THE BLOOD SUPPLY AND OF THE SKIN INNERVATION IN THE FOOT SOLE REGION (*PLANTA PEDIS*) INTO THE SCHEMATIC DRAWINGS:



5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
plantar arch (<i>arcus plantae</i>) – location, shape, blood supply	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

3.11. DORSUM OF THE FOOT (*REGIO DORSALIS PEDIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the dorsum of the foot. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
great saphenous vein (<i>v. saphena magna</i>)			
saphenous nerve (<i>n. saphenus</i>)			
medial dorsal cutaneous nerve of the superficial fibular nerve (<i>n. cutaneus dorsalis medialis</i> of <i>n. fibularis superficialis</i>)			
intermediate dorsal cutaneous nerve of the superficial fibular nerve (<i>n. cutaneus dorsalis intermedius</i> of <i>n. fibularis superficialis</i>)			
dorsal digital nerves of the foot (<i>nn. digitales dorsales pedis</i>)			
lateral dorsal digital nerve of the hallux from the deep fibular nerve (<i>n. digitalis dorsalis hallucis lat.</i> of <i>n. fibularis profundus</i>)			
medial dorsal digital nerve of the second digit from the deep fibular nerve (<i>n. digitalis dorsalis digiti secundi med.</i> of <i>n. fibularis profundus</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
extensor digitorum brevis m.					
extensor hallucis brevis m.					
fibularis tertius m.					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

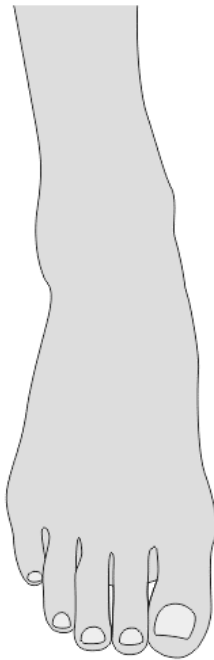
	✓/x	COURSE	AREA OF SUPPLY	NOTE
dorsalis pedis artery (<i>a. dorsalis pedis</i>)				
arcuate artery (<i>a. arcuata</i>)				
dorsal metatarsal arteries (<i>aa. metatarsae dorsales pedis</i>)				
deep plantar branch (<i>r. pantaris profundus</i>)				
dorsal digital arteries of the foot (<i>aa. digitales dorsales pedis</i>)				
dorsal artery I. (<i>a. dorsalis I.</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
dorsalis pedis vein (<i>v. dorsalis pedis</i>)				

C) NERVES

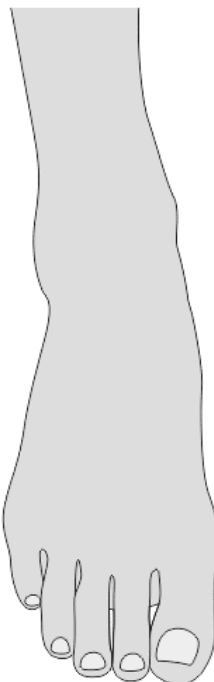
Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
muscular branches of the deep fibular nerve (<i>rr. musculares of n. fibularis profundus</i>)				

4) DRAW AND LABEL THE BRANCHING OF THE DORSALIS PEDIS ARTERY (*A. DORSALIS PEDIS*) INTO THE SCHEMATIC DRAWING:



5) DRAW AND LABEL THE BORDERS OF THE SKIN INNERVATION IN THE DORSUM OF THE FOOT REGION (*DORSUM PEDIS*) INTO THE SCHEMATIC DRAWING:



6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
fibularis tertius muscle	
absence of the dorsalis pedis artery	
absence of the arcuate artery	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

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4. DISSECTION OF THE NECK (*Vojtěch Karvay*)

4.1. OVERVIEW OF THE MOST COMMON VARIATIONS OF THIS REGION

VARIATIONS OF MUSCLES
fusion of posterior belly of the digastric muscle with the stylohyoid muscle
indistinct mylohyoid raphe
anterior scalene muscle– variable origin
doubled omohyoid muscle
VARIATIONS OF ARTERIES
superior thyroid artery (<i>a. thyroidea sup.</i>) is branch of the common carotid artery (<i>a. carotis comm.</i>)
rudimental facial artery (<i>a. facialis</i>)
double internal thoracic artery (<i>a. thoracica interna</i>)
internal thoracic artery (<i>a. thoracica interna</i>) originates from the thyrocervical trunk (<i>truncus thyrocervicalis</i>)
inferior thyroid artery (<i>a. thyroidea inferior</i>) originates from the subclavian artery (<i>a. subclavia</i>)
subclavian artery (<i>a. subclavia</i>) originates from the bicarotic trunk
thyroidea ima artery (<i>a. thyroidea ima</i>)
Vertebral artery (<i>a. vertebralis</i>) originates from aortic arch (<i>arcus aortae</i>)
VARIATIONS OF VEINS
double internal jugular vein (<i>v. jugularis interna</i>)
internal jugular vein (<i>v. jugularis interna</i>) is posterior to the common carotid artery (<i>a. carotis comm.</i>)
facial vein (<i>v. facialis</i>) is a tributary of the external jugular vein (<i>v. jugularis externa</i>) or anterior jugular vein (<i>v. jugularis anterior</i>)
external jugular vein (<i>v. jugularis externa</i>) is a tributary of the right subclavian vein (<i>v. subclavia dx.</i>)
absence of the external jugular vein (<i>v. jugularis externa</i>)
hypoplastic external jugular vein (<i>v. jugularis externa</i>)
VARIATIONS OF NERVES
non-recurrent laryngeal nerve (<i>n. laryngeus non recurrens</i>)
hypoglossal nerve (<i>n. hypoglossus</i>) innervates the mylohyoid muscle
vagus nerve (<i>n. vagus</i>) anastomoses with the glossopharyngeal nerve (<i>n. glossopharyngeus</i>)
vagus nerve (<i>n. vagus</i>) anastomoses with the accessory nerve (<i>n. accessorius</i>)

4.2. LATERAL CERVICAL REGION (*REGIO CERVICALIS LATERALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the lateral cervical region (*regio cervicalis lateralis*). Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
external jugular vein (<i>v. jugularis externa</i>)			
lesser occipital nerve (<i>n. occipitalis minor</i>)			
great auricular nerve (<i>n. auricularis magnus</i>)			
transverse cervical vein (<i>v. transversa colli</i>)			
supraclavicular nerves (<i>nn. supraclaviculares</i>)			

3) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
sternocleidomastoid muscle					

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE NECK TRIANGLES (NECK REGIONS):

5) DRAW AND LABEL THE SIMPLE SCHEMATIC DRAWING OF THE CERVICAL FASCIAE:

6) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE DIVISIONS OF THE LATERAL CERVICAL REGION (*REGIO CERVICALIS LATERALIS*) INTO THE OMOCLAVICULAR TRIANGLE (*TRIGONUM OMOCLAVICULARE*) AND OMOTRAPEZIAL TRIANGLE (*TRIGONUM OMOTRAPEZIUM*):

7) DRAW AND LABEL THE ERB'S POINT (*PUNCTUM NERVOSUM*):

8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
missing external jugular vein (<i>v. jugularis ext.</i>)	
internal jugular vein (<i>v. jugularis interna</i>) is a tributary of the right subclavian vein (<i>v. subclavia dx.</i>)	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

4.3. SCALENE FISSURE (*FISSURA SCALENORUM*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
anterior scalene muscle					
middle scalene muscle					
posterior scalene muscle					

2) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
subclavian artery (<i>a. subclavia</i>)				
costocervical trunk (<i>truncus costocervicalis</i>)				
deep cervical artery (<i>a. cervicalis profunda</i>)				
supreme intercostal artery (<i>a. intercostalis suprema</i>)				
transverse cervical artery (<i>a. transversa colli</i>)				

3) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
brachial plexus (<i>plexus brachialis</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE *FISSURA SCALENORUM*, ITS BORDERS AND CONTENTS:

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
subclavian artery (<i>a. subclavia</i>) originates from the bicarotic trunk	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

4.4. SCALENOVERTEBRAL TRIANGLE (*TRIGONUM SCALENOVERTEBRALE*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) LYMPH NODES

Identify the lymphatic ducts, mark their presence/absence, course, and include where do they drain. Note any variations found in the appropriate lymph ducts (e.g., unusual branching/drainage) or the reason for the absence of the duct:

	✓/x	COURSE	IT DRAINS INTO	NOTE
thoracic duct (<i>ductus thoracicus</i>)				
right lymphatic duct (<i>d. lymphaticus dx.</i>)				

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
vertebral artery (<i>a. vertebralis</i>)				
internal thoracic artery (<i>a. thoracica interna</i>)				
thyrocervical trunk (<i>truncus thyrocervicalis</i>)				
inferior thyroid artery (<i>a. thyroidea inferior</i>)				
superficial cervical artery (<i>a. cervicalis superficialis</i>)				
ascending cervical artery (<i>a. cervicalis ascendens</i>)				
suprascapular artery (<i>a. suprascapularis</i>)				

3) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
phrenic nerve (<i>n. phrenicus</i>)				
vagus nerve (<i>n. vagus</i>)				
sympathetic trunk (<i>truncus sympathicus</i>)				
stellate ganglion (<i>ganglion stellatum</i>)				
<i>ansa subclavia</i>				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE BORDERS OF THE TRIGONUM SCALENOVERTEBRALE:

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
double internal thoracic artery (<i>a. thoracica interna</i>)	
Internal thoracic artery (<i>a. thoracica interna</i>) is a branch of the thyrocervical trunk (<i>truncus thyrocervicalis</i>)	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

4.5. OMOTRACHEAL TRIANGLE (*TRIGONUM OMOTRACHEALE*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the omotracheal triangle (*trigonum omotracheale*). Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
platysma					

3) Identify the mentioned fascia, mark its presence/absence:

superficial cervical fascia (<i>lamina superficialis fasciae cervicalis</i>)	✓/x
--	-----

4) DEEP LAYER

A) VEINS

Identify the veins, mark their presence/absence, course, and include where does the vein drain.

Note any variations found in the appropriate veins or the reason for the absence of the vein:

	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
anterior jugular vein (<i>v. jugularis anterior</i>)				
jugular venous arch (<i>arcus venosus juguli</i>)				

B) Identify the mentioned fascia, mark its presence/absence:

pretracheal cervical fascia (<i>lamina praetrachealis fasciae cervicalis</i>)	✓/x
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C) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
sternohyoid muscle					
sternothyroid muscle					
thyrohyoid muscle					
omohyoid muscle					

5) DISSECTION OF THE LARYNX

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
superior laryngeal nerve (<i>n. laryngeus superior</i>)				
recurrent laryngeal nerve (<i>n. laryngeus recurrens</i>)				

6) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE OMOTRACHEAL TRIANGLE (*TRIGONUM OMOTRACHEALE*):

7) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE THYROID GLAND INCLUDING ITS BLOOD SUPPLY:

8) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE *CAVUM LARYNGIS* INCLUDING THE IDENTIFICATION OF THE GALEN'S ANASTOMOSIS:

9) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
double omohyoid muscle	
inferior thyroid artery (<i>a. thyroidea inferior</i>) is a branch of the subclavian artery (<i>a. subclavia</i>)	

10) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

4.6. CAROTID TRIANGLE (*TRIGONUM CAROTICUM*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the carotid triangle (*trigonum caroticum*). Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE
platysma		
transverse cervical nerve (<i>n. transversus colli</i>)		
facial vein (<i>v. facialis</i>)		
retromandibular vein (<i>v. retromandibularis</i>)		
external jugular vein (<i>v. jugularis externa</i>)		

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
digastric muscle					
sternocleidomastoid muscle					
omohyoid muscle					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY	NOTE
common carotid artery (<i>a. carotis communis</i>)				
external carotid artery (<i>a. carotis externa</i>)				
internal carotid artery (<i>a. carotis interna</i>)				
superior thyroid artery (<i>a. thyroidea superior</i>)				
lingual artery (<i>a. lingualis</i>)				
facial artery (<i>a. facialis</i>)				
ascending pharyngeal artery (<i>a. pharyngea ascendens</i>)				
occipital artery (<i>a. occipitalis</i>)				
	√/x	COURSE	IS A TRIBUTARY OF	NOTE
internal jugular vein (<i>v. jugularis interna</i>)				

C) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
deep cervical ansa (<i>ansa cervicalis profunda</i>)				
hypoglossal nerve (<i>n. hypoglossus</i>)				
vagus nerve (<i>n. vagus</i>)				
superior laryngeal nerve (<i>n. laryngeus superior</i>)				
sympathetic trunk (<i>truncus sympathicus</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE CAROTID TRIANGLE (*TRIGONUM CAROTICUM*) (BORDERS, CONTENTS):

5) DRAW AND LABEL THE BRANCHING OF THE EXTERNAL CAROTID ARTERY (*A. CAROTIS EXTERNA*) INCLUDING ITS TERMINAL BRANCHES:

6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
fusion of the posterior belly of digastric muscle with the stylohyoid muscle	
superior thyroid artery (<i>a. thyroidea superior</i>) is a branch of the common carotid artery (<i>a. carotis communis</i>)	
internal jugular vein (<i>v. jugularis interna</i>) is posterior to the common carotid artery (<i>a. carotis communis</i>)	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

4.7. SUBMANDIBULAR TRIANGLE (*TRIGONUM SUBMANDIBULARE*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the submandibular triangle (*trigonum submandibulare*). Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE
platysma		
superficial cervical fascia (<i>lamina superficialis f. cervicalis</i>)		
angular tract (<i>tractus angularis</i>)		

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
digastric muscle					
mylohyoid muscle					
hyoglossus muscle					
styloglossus muscle					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	✓/x	COURSE	AREA OF SUPPLY	NOTE
facial artery (<i>a. facialis</i>)				
lingual artery (<i>a. lingualis</i>)				
	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
facial vein (<i>v. facialis</i>)				

C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
lingual nerve (<i>n. lingualis</i>)				
hypoglossal nerve (<i>n. hypoglossus</i>)				
submandibular ganglion (<i>ggl. submandibulare</i>)				
mylohyoid nerve (<i>n. mylohyoideus</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE SUBMANDIBULAR TRIANGLE (*TRIGONUM SUBMANDIBULARE*) (BORDERS):

5) DRAW AND LABEL THE MAIN STRUCTURES IN THE PIROGOV'S TRIANGLE (*TRIGONUM PIROGOVI*):

6) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE BECLARD'S ANGLE INCLUDING ITS CONTENTS:

7) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
rudimental facial artery (<i>a. facialis</i>)	
facial vein (<i>v. facialis</i>) is a tributary of the external jugular vein (<i>v. jugularis externa</i>)	
facial vein (<i>v. facialis</i>) is a tributary of the anterior jugular vein (<i>v. jugularis anterior</i>)	

8) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

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5. DISSECTION OF THE THORAX (*Erik Kročka*)

5.1. OVERVIEW OF THE MOST COMMON VARIATIONS OF THIS REGION

VARIATIONS OF MUSCLES
sternalis muscle
pectoralis tertius muscle
pectoralis quartus muscle
Langer's arch (<i>arcus axillaris</i>)
VARIATIONS OF ARTERIES
origin of the posterior circumflex humeral artery (<i>a. circumflexa humeri posterior</i>) from the subscapular artery (<i>a. subscapularis</i>)
common trunk for the anterior and posterior circumflex humeral artery (<i>a. circumflexa humeri anterior et posterior</i>)
origin of the deep brachial artery (<i>a. profunda brachii</i>) from the axillary artery (<i>a. axillaris</i>)
common trunk for the lateral thoracic artery (<i>a. thoracica lateralis</i>) and thoracoacromial artery (<i>a. thoracoacromialis</i>)
common trunk for the lateral thoracic artery (<i>a. thoracica lateralis</i>) and subscapular artery (<i>a. subscapularis</i>)
origin of the internal thoracic artery (<i>a. thoracica interna</i>) from the thyrocervical trunk (<i>truncus thyrocervicalis</i>)
origin of the internal thoracic artery (<i>a. thoracica interna</i>) from the suprascapular artery (<i>a. suprascapularis</i>)
xiphoid branch of the internal thoracic artery (<i>r. xiphoideus a. thoracicae internae</i>)
VARIATIONS OF VEINS
absent cephalic vein (<i>v. cephalica</i>)
persistent jugulocephalic vein
accessory axillary vein (<i>v. axillaris</i>)
middle right pulmonary vein (<i>v. pulmonalis dextra media</i>)
common trunk for the left pulmonary veins (<i>vv. pulmonales sin.</i>)
VARIATIONS OF NERVES
accessory phrenic nerve (<i>n. phrenicus accessorius</i>)
accessory splanchnic nerve (<i>n. splanchnicus accessorius</i>)

absent lesser splanchnic nerve (<i>n. splanchnicus minor</i>)
VARIATIONS OF HEART
co-dominant left coronary artery (<i>a. coronaria cordis sin.</i>) and the circumflex branch (<i>r. circumflexus</i>)
dominant left coronary artery (<i>a. coronaria cordis sin.</i>)
absent trunk of the left coronary artery (<i>a. coronaria cordis sin.</i>)
circumflex branch (<i>r. circumflexus</i>) from the right coronary artery (<i>a. coronaria cordis dx.</i>)
only one coronary artery (origin of the right coronary artery (<i>a. coronaria cordis dx.</i>)– from the left coronary artery (<i>a. coronaria cordis sin.</i>)
<i>arcus bovinus</i>
bicuspid aortal valve
patent foramen ovale (<i>foramen ovale patens</i>)
OTHER VARIATIONS
accessory mammary gland (<i>gl. mammaria</i>)
accessory breast (<i>mamilla</i>)
axillary process of the breast (<i>processus axillaris mammae</i>)
accessory superior fissure of the right lung (<i>fissura superior accessoria pulmonis dx.</i>)
medial basal pulmonary fissure (<i>fissura mediobasalis pulmonis</i>)
doubled thoracic duct (<i>ductus thoracicus</i>)

5.2. SKIN, SUBCUTANEOUS TISSUE AND MUSCLES OF THE THORACIC WALL

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) CONFIGURATION OF THE THORAX

Inspect the shape of the chest and note its configuration/shape (normal, asthenic, barrel, funnel, pigeon, kyphoscoliotic...).

2) SKIN

Inspect the skin of the anterior wall of the chest. Note any scars or other damage. Notice and describe any incidental accessory nipples which could be distributed along the mammary crest.

3) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
lateral cutaneous branches of the intercostal nerves (<i>rr. cutanei laterales nervi intercostales</i>)			
lateral mammary branches of the intercostal nerves (<i>rr. mammarii laterales nervi intercostales</i>)			
anterior cutaneous branches of the intercostal nerves (<i>rr. cutanei anteriores nervi intercostales</i>)			
medial mammary branches of the intercostal nerves (<i>rr. mammarii mediales nervi intercostales</i>)			
medial supraclavicular nerves (<i>nn. supraclaviculares mediales</i>)			
intermediate supraclavicular nerves (<i>nn. supraclaviculares intermedii</i>)			
lateral supraclavicular nerves (<i>nn. supraclaviculares laterales</i>)			

lateral cutaneous branches of the intercostal arteries (<i>rr. cutanei laterales aa. intercostales</i>)			
lateral mammary branches of the intercostal arteries (<i>rr. mammarii laterales aa. intercostales</i>)			
medial cutaneous branches of the internal thoracic artery (<i>rr. cutanei mediales a. thoracicae internae</i>)			
medial mammary branches of the internal thoracic artery (<i>rr. mammarii mediales a. thoracicae internae</i>)			
lateral thoracic artery (<i>a. thoracica lateralis</i>)			
lateral mammary branches of the lateral thoracic artery (<i>rr. mammarii laterales a. thoracicae lateralis</i>)			
cephalic vein (<i>vena cephalica</i>)			
thoracoepigastric vein (<i>v. thoracoepigastrica</i>)			
areolar venous plexus (<i>plexus venosus areolaris</i>)			

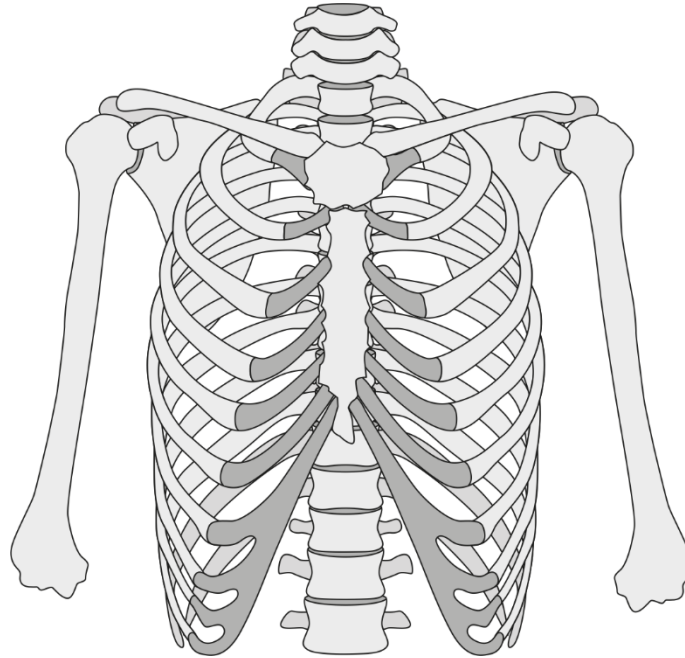
4) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
pectoralis major muscle					
pectoralis minor muscle					
serratus anterior muscle					
deltoid muscle					

5) DRAW AND LABEL THE COURSE OF THE PECTORALIS MAJOR MUSCLE (*MUSCULUS PECTORALIS MAJOR*) INTO THE SCHEMATIC DRAWING. DESCRIBE THE SPECIFIC MOVEMENT PATTERN OF THE CLAVICULAR, STERNOCOSTAL AND ABDOMINAL PART OF THE PECTORALIS MAJOR MUSCLE.



6) WHICH ARTERIES SUPPLY THE MAMMARY GLANDS?

7) WHICH LYMPH NODES DRAIN THE QUADRANTS OF THE MAMMARY GLAND?

SUPERIOR MEDIAL QUADRANT	SUPERIOR LATERAL QUADRANT
INFERIOR MEDIAL QUADRANT	INFERIOR LATERAL QUADRANT

8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
accessory mammary gland	
accessory breast (<i>mammilla</i>)	
sternalis muscle (<i>m. sternalis</i>)	
absent cephalic vein (<i>v. cephalica</i>)	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

5.3. CLAVIPECTORAL (DELTOPECTORAL) TRIANGLE (*TRIGONUM CLAVIPECTORALE (DELTOIDEOPECTORALE)*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the clavipectoral triangle (*trigonum deltoideopectorale*). Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
cephalic vein (<i>v. cephalica</i>)			
supraclavicular nerves (<i>nn. supraclaviculares</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
deltoid muscle					
pectoralis major muscle					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
deltoid branch of the thoracoacromial artery (<i>r. deltoideus a. thoracoacromialis</i>)				
acromial branch of the thoracoacromial artery (<i>r. acromialis a. thoracoacromialis</i>)				
clavicular branch of the thoracoacromial artery (<i>r. clavicularis a. thoracoacromialis</i>)				
pectoral branch of the thoracoacromial artery (<i>r. pectoralis a. thoracoacromialis</i>)				

C) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
lateral pectoral nerve (<i>n. pectoralis lateralis</i>)				
medial pectoral nerve (<i>n. pectoralis medialis</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE DELTOIDEOPECTORAL TRIANGLE (*TRIGONUM DELTOIDEOPECTORALE*):

5) CLAVIPECTORAL FASCIA (*FASCIA CLAVIPECTORALIS*)

Which muscles are covered by the clavipectoral fascia?

6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓ /x
accessory axillary vein (<i>v. axillaris</i>) (56,7%)	
absence of the cephalic vein (<i>v. cephalica</i>) (16%)	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

5.4. AXILLA

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the *axilla*. Note any scars or other damage.

2) DEEP LAYER

A) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
axillary artery (<i>a. axillaris</i>)				
superior thoracic artery (<i>a. thoracica superior</i>)				
thoracoacromial artery (<i>a. thoracoacromialis</i>)				
lateral thoracic artery (<i>a. thoracica lateralis</i>)				
subscapular artery (<i>a. subscapularis</i>)				
circumflex scapular artery (<i>a. circumflexa scapulae</i>)				
thoracodorsal artery (<i>a. thoracodorsalis</i>)				
anterior circumflex humeral artery (<i>a. circumflexa humeri anterior</i>)				
posterior circumflex humeral artery (<i>a. circumflexa humeri posterior</i>)				

B) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation. note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
musculocutaneous nerve (<i>n. musculocutaneus</i>)				
median nerve (<i>n. medianus</i>)				
ulnar nerve (<i>n. ulnaris</i>)				
medial brachial cutaneous nerve (<i>n. cutaneus brachii medialis</i>)				
medial antebrachial cutaneous nerve (<i>n. cutaneus antebrachii med.</i>)				
radial nerve (<i>n. radialis</i>)				
axillary nerve (<i>n. axillaris</i>)				

3) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE AXILLARY FOSSA
(*FOSSA AXILLARIS*):

4) WHAT STRUCTURE(S) IS/ARE AFFECTED DURING THE INJURY OF THE
POSTERIOR FASCICLE OF THE BRACHIAL PLEXUS? NOTE THE CLINICAL SIGNS:

5) NAME THE MAIN GROUPS OF THE AXILLARY LYMPH NODES AND THEIR AREAS OF DRAINAGE:

6) WRITE THE NAMES OF THE SHOULDER ROTATOR-CUFF MUSCLES INTO THE FOLLOWING TABLE:

medial (internal) rotators	
lateral (external) rotators	

7) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓ /x
origin of the posterior circumflex humeral artery (<i>a. circumflexa humeri posterior</i>) from the subscapular artery (<i>a. subscapularis</i>)	
common trunk for the anterior and posterior circumflex humeral artery (<i>a. circumflexa humeri anterior et posterior</i>)	
origin of the deep brachial artery (<i>a. profunda brachii</i>) from the axillary artery (<i>a. axillaris</i>)	
Accessory axillary vein (<i>v. axillaris</i>)	
Langer's arch (<i>arcus axillaris</i>)	

8) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

5.5. OPENING OF THE THORAX + PHRENIC NERVE + ANTERIOR MEDIASTINUM + LUNG REMOVAL (THE ROOT OF THE LUNG)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) *SITUS VISCERUM*

Inspect the location and the state of the thoracic organs after the opening of the thorax. Note any signs of possible past surgical procedures:

2) TRANSVERSUS THORACIS MUSCLE (*MUSCULUS TRANSVERSUS THORACIS*)

Note the data about transversus thoracis muscle into the table:

the number of muscle slips	
origin	
insertion (with number of the ribs)	
vascular supply	
innervation	
note	

3) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
internal thoracic artery (<i>a. thoracica interna</i>)				
pericardiophrenic artery (<i>a. pericardiophrenica</i>)				
perforating branches (<i>rr. perforantes</i>)				
superior epigastric artery (<i>a. epigastrica superior</i>)				
musculophrenic artery (<i>arteria musculophrenica</i>)				

4) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

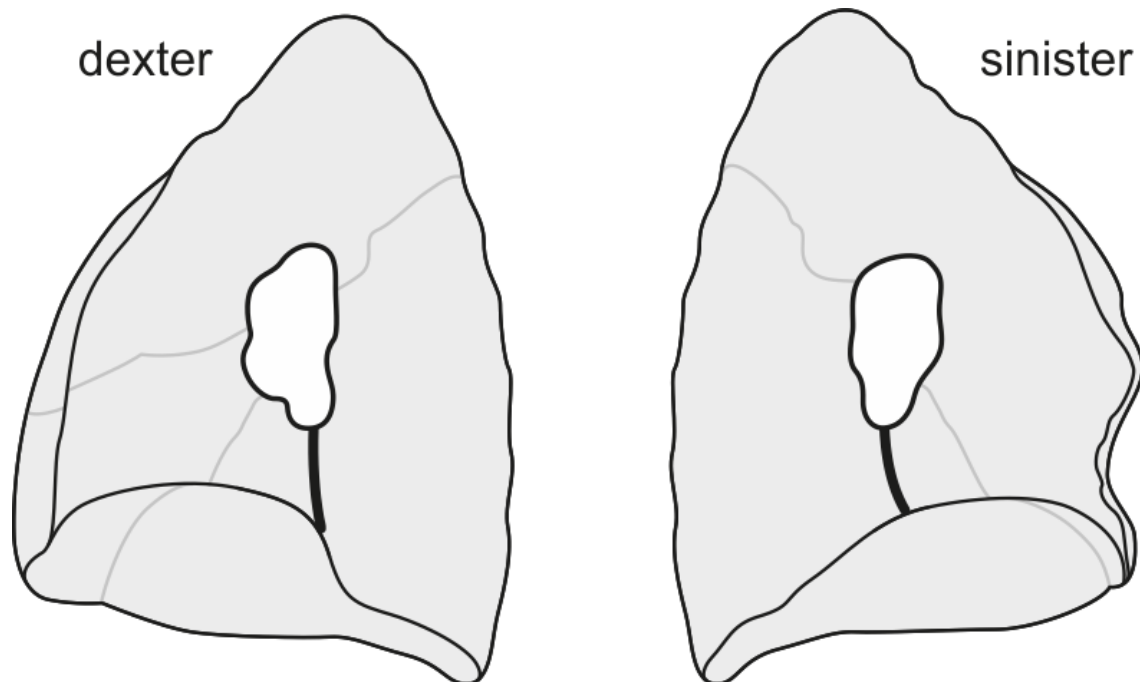
	✓/x	COURSE	AREA OF INNERVATION	NOTE
phrenic nerve (<i>n. phrenicus</i>)				

5) MEDIASTINUM

Describe the anatomical parts of the mediastinum and write their boundaries:

6) THE ROOTS OF THE LUNGS

Draw and label the structures present in the roots of the lungs into the schematic drawing:



7) LUNGS

Mark and note the lung data in the table:

	RIGHT LUNG	LEFT LUNG
number of lobes		
horizontal fissure (✓/x)		
oblique fissure (✓/x)		
accessory fissures (number)		
accessory fissures (location)		
accessory lobes (number)		
accessory lobes (location)		
pleural adhesions (✓/x)		
pleural adhesions (location)		

8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
origin of the internal thoracic artery (<i>a. thoracica interna</i>) from the thyrocervical trunk (<i>truncus thyrocervicalis</i>)	
accessory phrenic nerve (<i>nervus phrenicus accessorius</i>)	
right superior accessory fissure	
medial basal fissure	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

5.6. HEART REMOVAL AND PREPARATION

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) PERIKARDIUM

Inspect the pericardium, explore the *sinus transversus* a *sinus obliquus pericardii*, mark the presence of any deviations from a standard state:

2) CORONARY ARTERIES (*ARTERIAE CORONARIAE CORDIS*)

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where do they drain). Note any variations found in the appropriate arteries/veins (e.g., unusual branching) or the reason for the absence of the artery/vein:

	√/x	COURSE	AREA OF SUPPLY	NOTE
right coronary artery (<i>a. coronaria dextra</i>)				
ramus coni arteriosi				
atrial branches (<i>rr. atriales</i>)				
ventricular branches (<i>rr. ventriculares</i>)				
right marginal branch (<i>r. marginalis dexter</i>)				
posterior interventricular branch (<i>r. interventricularis posterior</i>)				
left coronary artery (<i>a. coronaria sinistra</i>)				
anterior interventricular branch (<i>r. interventricularis anterior</i>)				
ramus coni arteriosi				
anterior ventricular branches (<i>rr. ventriculares anteriores</i>)				
diagonal branches (<i>rr. diagonales</i>)				
circumflex branch (<i>r. circumflexus</i>)				
left marginal branch (<i>r. marginalis sinister</i>)				

atrial branches (<i>rr. atriales</i>)				
	√/x	COURSE	IS A TRIBUTARY OF	NOTE
coronary sinus (<i>sinus coronarius</i>)				
great cardiac vein (<i>v. cordis magna</i>)				
middle cardiac vein (<i>v. cordis media</i>)				
small cardiac vein (<i>v. cordis parva</i>)				

3) RIGHT ATRIUM (*ATRIUM DEXTRUM*)

Identify the appropriate structures, mark their presence/absence. Note any variations (e.g., unusual branching), or the reason for the absence of the structure:

	√/x	NOTE
right auricle (<i>auricula dextra</i>)		
pectinate muscles (<i>musculi pectinati</i>)		
oval fossa (<i>fossa ovalis</i>)		
limbus of the oval fossa (<i>limbus fossae ovalis</i>)		
crista terminalis (<i>crista terminalis</i>)		
intervenous tubercle (<i>tuberculum intervenosum</i>)		
opening of the superior vena cava (<i>ostium venae cavae superioris</i>)		
opening of the inferior vena cava (<i>ostium venae cavae inferioris</i>)		
valve of the inferior vena cava (<i>valvula venae cavae inferioris</i>)		
opening of the coronary sinus (<i>ostium sinus coronarii</i>)		
valve of the coronary sinus (<i>valvula sinus coronarii</i>)		
openings of the smallest cardiac veins (<i>foramina venarum minimarum</i>)		

4) RIGHT VENTRICLE (*VENTRICULUS DEXTER*)

Identify the appropriate structures, mark their presence/absence. Note any variations (e.g., unusual branching), or the reason for the absence of the structure:

	√/x	NOTE

anterior cusp (<i>cusps anterior valvae tricuspidalis</i>)		
posterior cusp (<i>cusps posterior valvae tricuspidalis</i>)		
septal cusp (<i>cusps septalis valvae tricuspidalis</i>)		
anterior papillary muscle		
posterior papillary muscle		
septal papillary muscle		
trabeculae carneae		
moderator band (<i>trabecula septomarginalis</i>)		
supraventricular crest (<i>crista supraventricularis</i>)		
anterior semilunar cusp (<i>valvula semilunaris anterior valvae trunci pulmonalis</i>)		
left semilunar cusp (<i>valvula semilunaris sinistra valvae trunci pulmonalis</i>)		
right semilunar cusp (<i>valvula semilunaris dextra valvae trunci pulmonalis</i>)		

5) LEFT ATRIUM (*ATRIUM SINISTRUM*)

Identify the appropriate structures, mark their presence/absence. Note any variations (e.g., unusual branching), or the reason for the absence of the structure:

	√/x	NOTE
left auricle (<i>auricula sinistra</i>)		
pectinate muscles (<i>musculi pectinati</i>)		
valve of the foramen ovale (<i>valvula foraminis ovalis</i>)		
openings of the pulmonary veins (<i>ostia venarum pulmonalium</i>) - count: ...		
openings of the smallest cardiac veins (<i>foramina venarum minimarum</i>)		

6) LEFT VENTRICLE (*VENTRICULUS SINISTER*)

Identify the appropriate structures, mark their presence/absence. Note any variations (e.g., unusual branching), or the reason for the absence of the structure:

	√/x	NOTE
anterior cusp (<i>cusps anterior valvae mitralis</i>)		
posterior cusp (<i>cusps posterior valvae mitralis</i>)		
anterior papillary muscle		
posterior papillary muscle		
left semilunar cusp (<i>valvula semilunaris sinistra valvae aortae</i>)		

right semilunar cusp (<i>valvula semilunaris dextra valvae aortae</i>)		
posterior semilunar cusp (<i>valvula semilunaris posterior valvae aortae</i>)		
membranous part of interventricular septum (<i>pars membranacea septi interventriculare</i>)		
muscular part of interventricular septum (<i>pars muscularis septi interventriculare</i>)		

7) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE RIGHT ATRIUM:

8) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE BLOOD SUPPLY OF THE HEART:

9) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
absence of the trunk of the left coronary artery (<i>a. coronaria cordis sin.</i>)	
origin of the circumflex branch (<i>ramus circumflexus</i>) from the right coronary artery (<i>a. coronaria cordis dx.</i>)	
IMA	
single coronary artery (origin of the right coronary artery from the left coronary artery)	
"bovine arch" (<i>arcus bovinus</i>)	
bicuspid aortic valve	
patent foramen ovale	

10) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

5.7. POSTERIOR MEDIASTINUM

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) THORACIC AORTA (*AORTA THORACICA*)

Identify the branches of the thoracic aorta (*aorta thoracica*), mark their presence/absence, course and include their area of supply. Note any variations (e.g., unusual branching), or the reason for the absence of the structure:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
brachiocephalic trunk (<i>truncus brachiocephalicus</i>)				
left common carotid artery (<i>a. carotis communis sin.</i>)				
left subclavian artery (<i>a. subclavia sinistra</i>)				
posterior intercostal arteries (<i>aa. intercostales post.</i>)				
subcostal arteries (<i>aa. subcostales</i>)				
superior phrenic arteries (<i>aa. phrenicae superiores</i>)				
bronchial branches (<i>rr. bronchiales</i>)				
oesophageal branches (<i>rr. oesophageales</i>)				
pericardial branches (<i>rr. pericardiaci</i>)				
mediastinal branches (<i>rr. mediastinales</i>)				

Note: Aortic arch and its branches topographically belong to the anterior superior mediastinum. They are present in the table due to practical dissection reasons.

2) VEINS

Identify the veins, mark their presence/absence, course, and include where does the vein drain. Note any variations found in the appropriate veins or the reason for the absence of the vein:

	✓/x	COURSE	IS A TRIBUTARY OF	NOTE
azygos vein (<i>v. azygos</i>)				

hemiazygos vein (<i>v. hemiazygos</i>)				
accessory hemiazygos vein (<i>v. hemiazygos accessoria</i>)				

3) VAGUS NERVES (*NERVI VAGI*)

Identify the vagus nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
recurrent laryngeal nerves (<i>nn. laryngei recurrentes</i>)				
tracheal branches (<i>rr. tracheales</i>)				
oesophageal branches (<i>rr. oesophageales</i>)				
cardiac branches (<i>rr. cardiaci thoracici</i>)				
anterior vagal trunk (<i>tr. vagalis anterior</i>)				
posterior vagal trunk (<i>tr. vagalis posterior</i>)				

4) SYMPATHETIC TRUNKS (*TRUNCI SYMPATHICI*)

Identify the sympathetic trunks, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
cardiac nerves (<i>nn. cardiaci thoracici</i>)				
greater splanchnic nerve (<i>n. splanchnicus major</i>)				
lesser splanchnic nerve (<i>n. splanchnicus minor</i>)				
least splanchnic nerve (<i>n. splanchnicus imus</i>)				

5) THORACIC DUCT (*DUCTUS THORACICUS*)

Describe the entry, course, and drainage place of the thoracic duct in the posterior mediastinum.
From which body parts does it drain the lymph?

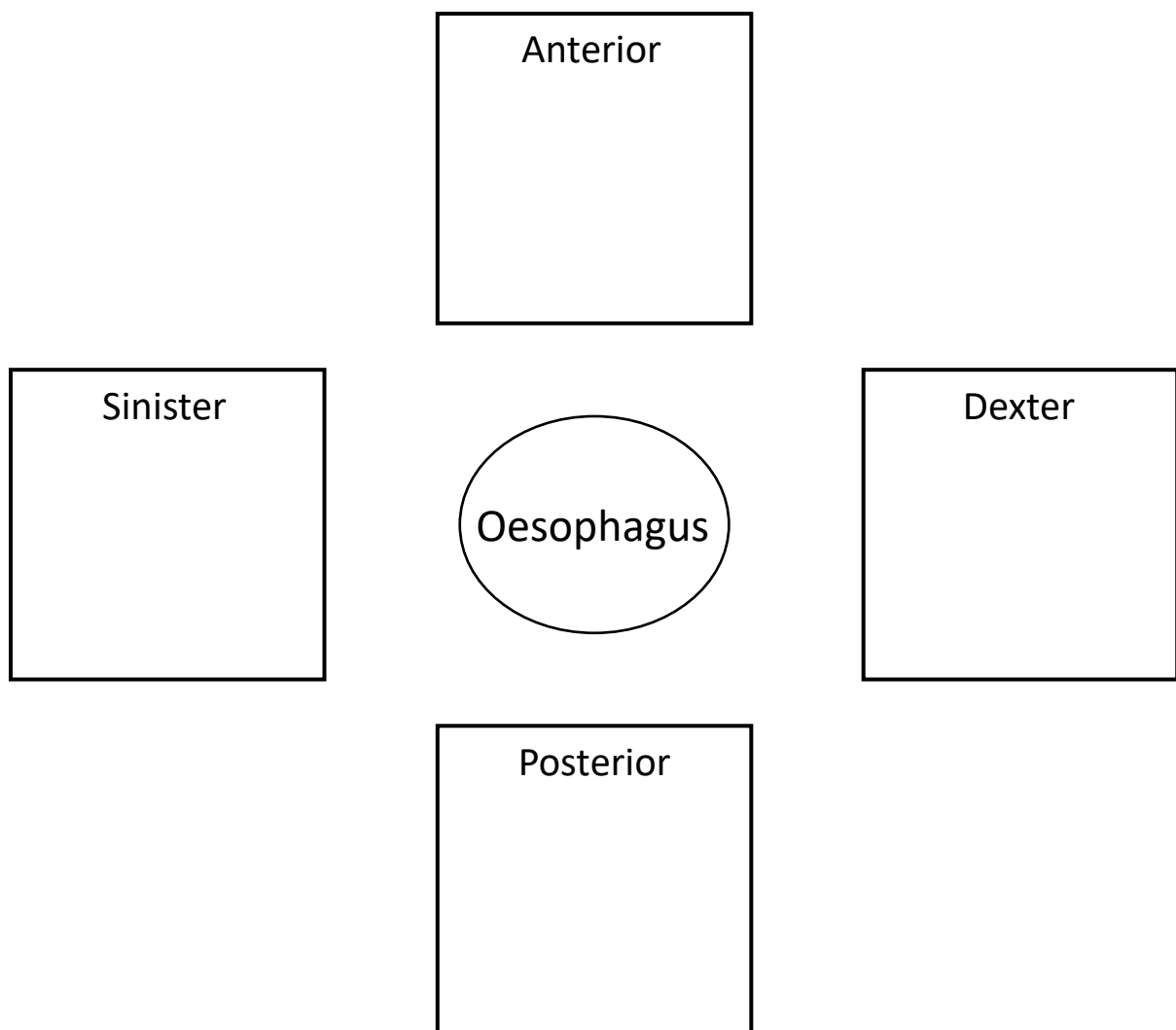
6) WHAT EFFECT DOES THE STIMULATION OF SYMPATHETIC AND PARASYMPATHETIC FIBERS HAS ON THE HEART AND BRONCHI? EXPLAIN BRIEFLY:

7) EXPLAIN WHY THE AZYGOS VEIN DOES NOT HAVE ANY VALVES:

8) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE INTERCOSTAL NEUROVASCULAR BUNDLE IN THE COSTAL GROOVE (*SULCUS COSTAE*):

9) OESOPHAGUS (*OESOPHAGUS*)

Note the relationship between the thoracic part of the oesophagus and other structures into the schematic drawing:



10) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
doubled thoracic duct (<i>ductus thoracicus</i>)	
absence of the lesser splanchnic nerve (<i>n. splanchnicus minor</i>)	

11) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

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6. DISSECTION OF THE ABDOMEN (*Zuzana Musilová*)

6.1. OVERVIEW OF THE MOST COMMON VARIATIONS OF THIS REGION

VARIATIONS OF MUSCLES	
lateral rectus abdominis muscle	
interfoveolar muscle	
Winslow's iliacus minor muscle (Harrison's iliocapsularis muscle)	
psoas minor muscle	
accessory iliopsoas muscle	
VARIATIONS OF ARTERIES	
ABDOMINAL AORTA	left gastric artery
COELIAC TRUNK (<i>TRUNCUS COELIACUS</i>)	is divided into the left gastric artery (<i>a. gastrica sin.</i>) and hepatoesplenic trunk (<i>truncus hepatolienalis</i>)
	is divided into the left splenic artery (<i>a. lienalis sin.</i>) and hepatogastric trunk (<i>truncus hepatogastricus</i>)
	quadrification: R/L inferior phrenic artery (<i>a. phrenica inf. dx. et sin.</i>), dorsal pancreatic artery (<i>a. pancreatica dorsalis</i>)
	coeliacomesenteric trunk (<i>truncus coeliacomesentericus</i>) – superior mesenteric artery (<i>a. mesenterica sup.</i>)
accessory left gastric artery (<i>a. gastrica sin. accessoria</i>)	
COMMON HEPATIC ARTERY (<i>A. HEPATICA COMMUNIS</i>)	aberrant right/left hepatic artery (<i>a. hepatica dx. /sin.</i>) from the superior mesenteric a. (<i>a. mesenterica sup.</i>), gastroduodenal a. (<i>a. gastroduodenalis</i>), left gastric artery (<i>a. gastrica sin.</i>)
	accessory right/left hepatic artery (<i>a. hepatica dx. /sin.</i>) from the superior mesenteric a. (<i>a. mesenterica sup.</i>) or left gastric artery (<i>a. gastrica sin.</i>)
	duplicated cystic artery (<i>a. cystica</i>)
	cystic artery (<i>a. cystica</i>) from the proper hepatic artery (<i>a. hepatica propria/ r. sin. a. hepaticae propriae</i>)
	right gastric artery (<i>a. gastrica dx.</i>) from the left hepatic artery (<i>a. hepatica sin.</i>)/gastroduodenal artery (<i>a. gastroduodenalis</i>)
	supraduodenal artery (<i>a. supraduodenalis</i>)
SPLENIC ARTERY (<i>A. LIENALIS</i>)	posterior gastric artery (<i>a. gastrica post.</i>) originating from the splenic artery (<i>a. lienalis</i>)
	superior polar artery (<i>a. polus sup.</i>) (from the splenic artery/ <i>a. lienalis</i> , posterior gastric a./ <i>a. gastrica post.</i>)
	inferior polar artery (<i>a. polus inf.</i>) (from the left gastroepiploic a./ <i>a. gastroepiploica sin.</i> , splenic a./ <i>a. lienalis</i>)

SUPERIOR MESENTERIC ARTERY (<i>A. MESENTERICA SUPERIOR</i>)	origin of the inferior posterior or anterior pancreaticoduodenal artery (<i>a. pancreaticoduodenalis inf. post. seu ant.</i>) from the jejunal arteries (<i>aa. jejunales</i>)
	dorsal pancreatic artery (<i>a. pancreatica dorsalis</i>) originating from the superior mesenteric artery (<i>a. mesenterica sup.</i>)
	accessory middle colic artery (<i>a. colica media accessoria</i>)
	right colic artery (<i>a. colica dx.</i>) originating from the ileocolic artery (<i>a. ileocolica</i>)
	common trunk of the ileocolic and right colic or middle colic artery (<i>a. ileocolica et a. colica dx. seu a. colica media</i>)
	appendicular artery (<i>a. appendicularis</i>) from the anterior caecal artery (<i>a. caecalis ant.</i>)
	accessory appendicular artery (<i>a. appendicularis accessoria</i>)
INFERIOR MESENTERIC ARTERY (<i>A. MESENTERICA INFERIOR</i>)	common trunk of the sigmoid and left colic arteries (<i>a. sigmoidea et a. colica sin.</i>)
	accessory left colic artery (<i>a. colica sin. accessoria</i>)
PAIRED BRANCHES OF THE ABDOMINAL AORTA	accessory renal artery (<i>a. renalis accessoria</i>)
	superior polar renal artery (<i>a. renalis polaris sup.</i>)
	origin of the gonadal artery (<i>a. testicularis / ovarica</i>) from the renal artery (<i>a. renalis</i>)
	accessory gonadal artery (<i>a. testicularis/a. ovarica accessoria</i>)
VARIATIONS OF VEINS	
duplicated inferior vena cava (<i>vena cava inf. duplex</i>)	
accessory right inferior hepatic vein (<i>v. hepatica inf. dx. accessoria</i>) - from S6+S7	
accessory renal vein (<i>v. renalis accessoria</i>)	
VARIATIONS OF NERVES	
Lumbar plexus (<i>pl. lumbalis</i>)	absence of the iliohypogastric nerve (<i>n. iliohypogastricus</i>)
	common trunk of the iliohypogastric nerve (<i>n. iliohypogastricus</i>) and ilioinguinal nerve (<i>n. ilioinguinalis</i>)
	branches of the genitofemoral nerve (<i>n. genitofemoralis – r. genitalis</i> and <i>r. femoralis</i>) originating separately
	bifurcation of the lateral femoral cutaneous nerve (<i>n. cutaneus femoris lat.</i>)
	accessory femoral nerve (<i>n. femoralis accessorius</i>)
	accessory obturator nerve (<i>n. obturatorius accessorius</i>)
	accessory nerve of Jamieson – L2-L3 – (<i>r. ventr. cutaneus</i>)
ANS	absence of the right/ left lesser splanchnic nerve (<i>n. splanchnicus min. dx. /sin.</i>)

	absence of the right/ left least splanchnic nerve (<i>n. splanchnicus imus dx. / sin.</i>)
	accessory splanchnic nerve (<i>n. splanchnicus accessorius</i>)
VARIATION OF ORGANS	
OESOPHAGUS	oesophageal duplication cyst from alimentary tract duplications
STOMACH	stomach diverticulum
LIVER	hepatic grooves
	Riedel's lobe
GALLBLADDER AND BILIARY DUCTS	cystoduodenal, cystocolic ligaments (<i>lig. cystoduodenale, cystocolicum</i>)
	accessory gallbladder
	trifurcation– anterior + posterior left hepatic duct (<i>ductus hepaticus sin. ant. + post.</i>) and right hepatic duct (<i>ductus hepaticus. dx.</i>)
	posterior right hepatic duct (<i>ductus hepaticus dx. post.</i>) to left hepatic duct (<i>ductus hepaticus sin.</i>)
SPLEEN	accessory spleen
	floating spleen (<i>lien migrans</i>)
SMALL AND LARGE INTESTINE	duplication of the intestine (<i>duplicitas intestini</i>), duodenal duplication
	Meckel's diverticulum
	mobile left colic flexure (<i>flexura lienalis elongata</i>), mobile caecum (<i>caecum mobile</i>)
PANKREAS	annular pancreas (<i>pancreas anulare</i>)
	separate uncinata process (<i>proc. uncinatus</i>)
	heterotopic <i>pancreas</i>
	accessory pancreatic duct (<i>ductus pancreaticus accessorius</i>) Santorini
	separate openings of the common bile duct (<i>ductus choledochus</i>) and major pancreatic duct (<i>ductus pancreaticus major</i>)
KIDNEY	renalized kidney
	dystopic kidney
	floating kidney (<i>ren migrans</i>)
	horseshoe kidney (<i>ren arcuatus</i>) sigmoid shaped kidney (<i>ren sigmoideus</i>) lump kidney (<i>ren fungiformis</i>)
	duplicated ureter (<i>ureter duplex, fissus</i>)
	extravesical ectopic openings of the ureter into the vagina, uterus, prostate

6.2. SKIN + SUBCUTANEOUS TISSUE + ABDOMINAL MUSCLE LAYER

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the abdominal region. Note any scars (extent, localisation) or other damage (hernias, stomas).

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	NOTE	
fatty layer of the superficial fascia (Camper's fascia)			
membranous layer of the superficial fascia (Scarpa's fascia)			
fundiform ligament (<i>lig. fundiforme penis/clitoridis</i>)			
suspensory ligament of the penis/clitoris (<i>lig. suspensorium penis/clitoridis</i>)			
superficial abdominal fascia (<i>fascia abdominis superficialis</i>)			
	✓/x	COURSE	NOTE
lateral abdominal cutaneous branches of the intercostal nerves (<i>rr. cutanei laterales abdominales nervorum intercostalium/subcostalis</i>)			
anterior abdominal cutaneous branches of the intercostal nerves (<i>rr. cutanei anteriores abdominales nervorum intercostalium/subcostalis</i>)			
lateral cutaneous branch of the iliohypogastric nerve (<i>r. cutaneus lateralis n. iliohypogastrici</i>)			
anterior cutaneous branch of the iliohypogastric nerve (<i>r. cutaneus anterior n. iliohypogastrici</i>)			
superficial epigastric vessels (<i>vasa epigastrica superficialia</i>)			

superficial circumflex iliac vessels (<i>vasa circumflexa ilium superficialia</i>)			
external pudendal vessels (<i>vasa pudenda externa</i>)			
thoracoepigastric veins (<i>vv. thoracoepigastricae</i>)			

3) DEEP LAYER

MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
external oblique muscle					
internal oblique muscle					
transversus abdominis muscle					
rectus abdominis muscle					
pyramidal muscle					

4) DRAW AND LABEL THE PROJECTION OF THE ABDOMINAL ORGANS INTO THE SCHEMATIC DRAWING OF THE ANTERIOR ABDOMINAL WALL:

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
lateral rectus abdominis muscle	
interfoveolar muscle	
saphenous muscle	
pubotransversal muscle of Luschke	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

6.3. RECTUS SHEATH (*VAGINA MUSCULI RECTI ABDOMINIS*) + LATERAL ABDOMINAL MUSCLES

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) Inspect the rectus sheath (*vagina muscoli recti abdominis*), abdominal muscles of the lateral group and the navel (*umbilicus*). Note any damage (herniations):

2) RECTUS SHEATH (*VAGINA MUSCULI RECTI ABDOMINIS*)

Identify the structures. Mark their absence/presence, position/course and composition of the structures. Identify the muscles, note their origin, insertion, innervation and course after the sheath incision, note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	POSITION/COURSE AND COMPOSITION			NOTE
<i>linea alba</i>					
semilunar line (<i>linea semilunaris Spigelii</i>)					
<i>umbilicus</i>					
anterior layer of the rectus sheath					
posterior layer of the rectus sheath					
	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
rectus abdominis muscle					
pyramidal muscle					

3) LATERAL ABDOMINAL MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓	INNERVATION	ORIGIN	INSERTION	NOTE
external oblique muscle					
internal oblique muscle					

transversus abdominis muscle					
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4) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
inferior and superior epigastric artery (<i>a. epigastrica inf. et sup.</i>)				
deep circumflex iliac artery (<i>a. circumflexa ilium profunda</i>)				

5) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
intercostal nerves (<i>nn. intercostales</i>)				
iliohypogastric nerve (<i>n. iliohypogastricus</i>)				
ilioinguinal nerve (<i>n. ilioinguinalis</i>)				

6) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE TRANSVERSE SECTION OF THE RECTUS SHEATH (MADE UP BY THE APONEUROSES OF THE LATERTAL ABDOMINAL MUSCLES) ABOVE AND UNDER THE NAVEL (*UMBILICUS*)

7) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
lateral rectus abdominis muscle	
interfoveolar muscle	
saphenous muscle	
pubotransversal muscle of Luschke	

8) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

6.4. INGUINAL CANAL (*CANALIS INGUINALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin of the inguinal region. Note any scars (size, localization) or hernias (direct, indirect, femoral, supravesical):

2) ANTERIOR WALL OF THE INGUINAL CANAL

Identify the structures. Mark their absence/presence and position/course. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	POSITION/COURSE	NOTE
superficial fascia (<i>fascia abdominis superficialis/fascia spermatica externa</i>)			
external oblique muscle			
superficial inguinal ring (<i>anulus inguinalis superficialis</i>)			
medial crus (<i>crus mediale</i>)			
lateral crus (<i>crus laterale</i>)			
intercrural fibres (<i>fibrae intercrurales</i>)			
reflected inguinal ligament (<i>ligamentum reflexum Collesi</i>)			

3) OPENING OF THE INGUINAL CANAL, ITS SUPERIOR AND INFERIOR WALL

Identify the contents of the inguinal canal and superior as well as the inferior wall of the canal after opening the inguinal canal. Mark their absence/presence and position/course. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	POSITION/COURSE	NOTE
internal oblique muscle			
transversus abdominis muscle			
cremaster muscle			
inguinal ligament (<i>ligamentum inguinale Pouparti</i>)			
iliohypogastric nerve (<i>n. iliohypogastricus</i>)			
ilioinguinal nerve (<i>n. ilioinguinalis</i>)			

genital branch of the genitofemoral nerve (<i>r. genitalis n. genitofemoralis</i>)			
conjunct tendon (<i>falx inguinalis</i>)			
spermatic cord (<i>funiculus spermaticus</i>)			
ductus/vas deferens (<i>ductus deferens</i>)			
artery to ductus/vas deferens (<i>a. ductus deferentis</i>)			
testicular artery (<i>a. testicularis</i>)			
pampiniform plexus (<i>plexus pampiniformis</i>)			
deferential plexus (<i>plexus deferentialis</i>)			
round ligament of the uterus (<i>lig. teres uteri (rotundum)</i>)			

4) POSTERIOR WALL OF THE INGUINAL CANAL

Identify the structures after opening the inguinal canal, abdominal cavity and after the transection of the peritoneum. Mark absence/presence and position/course of these structures. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	POSITION/COURSE	NOTE
transversal fascia (<i>fascia transversalis</i>)			
interfoveolar ligament (<i>ligamentum interfoveolare</i>)			
inferior epigastric vessels (<i>vasa epigastrica inferiora</i>)			
inguinal triangle (<i>trigonum inguinale mediale Hesselbachi</i>)			
deep inguinal ring (<i>anulus inguinalis profundus</i>)			

5) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE INGUINAL CANAL (CANALIS INGUINALIS):

6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
interfoveolar muscle	
saphenous muscle	
pubotransversal muscle of Luschke	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

6.5. OPENING OF THE ABDOMINAL CAVITY

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) INNER SIDE OF THE VENTROLATERAL ABDOMINAL WALL

Inspect the inner side of the ventrolateral abdominal wall. Identify the structures. Mark absence/presence and position/course of these structures. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	POSITION/COURSE	NOTE
semilunar line (<i>linea semilunaris – Spigelii</i>)			
arcuate line (<i>linea arcuata – Douglasi</i>)			
supravesical fossa (<i>fossa supravesicalis</i>)			
medial inguinal fossa (<i>fossa inguinalis medialis</i>)			
lateral inguinal fossa (<i>fossa inguinalis lateralis</i>)			
median umbilical fold (<i>plica umbilicalis mediana</i>)			
medial umbilical fold (<i>plica umbilicalis medialis</i>)			
lateral umbilical fold (<i>plica umbilicalis lateralis</i>)			

Identify the structures after removing the peritoneum:

	√/x	POSITION/COURSE	NOTE
transversal fascia (<i>fascia transversalis</i>)			
umbilical fascia (<i>fascia umbilicalis</i>)			
conjoint tendon (<i>falx inguinalis</i>)			
interfoveolar ligament (<i>lig. interfoveolare,</i> (<i>vasa epigastrica inferiora</i>))			
spermatic cord (<i>funiculus spermaticus</i>) / round ligament of the uterus (<i>ligamentum teres uteri</i>)			

2) DRAW A SCHEMATIC DRAWING OF THE PERITONEAL FOLDS AROUND THE UMBILICUS AND THE INGUINAL CANAL. NOTE WHAT FORMS THESE FOLDS:

3) DESCRIBE AND DRAW ANY VARIATIONS IDENTIFIED IN THIS AREA:

6.6. SUPRAMESOCOLIC PART OF THE PERITONEAL CAVITY

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) Inspect the supramesocolic part of the peritoneal cavity and its borders. Note any scars caused by possible past surgical procedures or possible absence of organs:

2) MESENTERY DERIVATES AND RECESSES

Inspect and note the presence of the recesses and mesentery derivates of the supramesocolic part of the peritoneal cavity. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
omental bursa (<i>bursa omentalis</i>)		
lesser omentum (<i>omentum minus</i>)		
hepatooesophageal ligament (<i>lig.hepatooesophageum</i>)		
hepatogastric ligament (<i>lig.hepatogastricum</i>)		
hepatoduodenal ligament (<i>lig.hepatoduodenale</i>)		
omental foramen (<i>foramen epiploicum Winslowi</i>)		
hepatorenal ligament (<i>lig.hepatorenale</i>)		
duodenorenal ligament (<i>lig.duodenorenale</i>)		
superior recess (<i>recessus superior</i>)		
splenic recess (<i>recessus splenicus</i>)		
inferior recess (<i>recessus inferior</i>)		

3) LIVER AND SUBHEPATIC REGION

Inspect and note the recesses around the liver. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
falciform ligament (<i>lig. falciforme hepatis</i>)		
round ligament of the liver (<i>lig. teres hepatis</i>)		
triangular ligament R/L (<i>lig. triangulare dx. et sin.</i>)		
coronary ligament R/L (<i>lig. coronarium dx. et sin.</i>)		
lesser omentum (<i>omentum minus</i>)		
hepatooesophageal ligament (<i>lig.hepatooesophageum</i>)		
hepatogastric ligament (<i>lig.hepatogastricum</i>)		

hepatoduodenal ligament (<i>lig.hepatoduodenale</i>)		
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Inspect the liver and subhepatic regions. Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY/ IS A TRIBUTARY OF	NOTE
common hepatic artery (<i>a. hepatica communis</i>)				
proper hepatic artery (<i>a. hepatica propria</i>)				
right branch (<i>r. dexter</i>)				
left branch (<i>r. sinister</i>)				
portal vein (<i>v. portae</i>)				
right branch (<i>r. dexter</i>)				
left branch (<i>r. sinister</i>)				
inferior vena cava (<i>v. cava inferior</i>)				
hepatic veins (<i>vv. hepaticae</i>)				

4) GALLBLADDER

Inspect the gallbladder or the place after the cholecystectomy and note this:

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY/ IS A TRIBUTARY OF	NOTE
cystic artery (<i>a. cystica</i>)				
cystic vein (<i>v. cystica</i>)				

5) STOMACH AREA AND OESOPHAGUS

Inspect the oesophageal hiatus (*hiatus oesophageus*), note any hernias. Identify the recesses around the stomach and note their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
phreno-gastric ligament (<i>lig.phrenicogastricum</i>)		
lesser omentum (<i>omentum minus</i>) hepatogastric ligament (<i>lig.hepatogastricum</i>)		
greater omentum (<i>omentum majus</i>)		
gastrocolic ligament (<i>lig.gastrocolicum</i>)		
gastrosplenic ligament (<i>lig.gastrosplenicum</i>)		

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
gastrooduodenal artery and vein (<i>a.,v.gastrooduodenalis</i>)				
right gastroepiploic artery and vein (<i>a.,v. gastroepiploica dx.</i>)				
left gastroepiploic artery and vein (<i>a.,v. gastroepiploica sin.</i>)				
short gastric arteries and veins (<i>aa., vv. gastricae breves</i>)				

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	INNERVATION AREA	NOTE
posterior vagal trunk (<i>truncus vagalis post.</i>)				
anterior vagal trunk (<i>truncus vagalis ant.</i>)				
gastric, oesophageal plexus (<i>plx. gastricus,oesophageus</i>)				

6) SPLEEN REGION

Identify the recesses around the spleen and note their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
gastrosplenic ligament (<i>lig. gastrolienale</i>)		
phrenicosplenic ligament (<i>lig. phrenicolienale</i>)		
splenorenal fold (<i>plica splenorenalis</i>)		
splenopancreatic fold (<i>plica pancreaticolienalis</i>)		
phrenocolic ligament (<i>lig. phrenicocolicum</i>)		

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
splenic artery (<i>a. lienalis</i>)				
splenic vein (<i>v. lienalis</i>)				

7) REGIONS OF THE DUODENUM AND PANCREAS

Inspect and mark the basic parts of the duodenum and pancreas. Note their supramesocolic and intraperitoneal parts:

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY/IS A TRIBUTARY OF	NOTE
gastroduodenal artery (<i>a. gastroduodenalis</i>)				
superior pancreaticoduodenal artery (<i>a. pancreaticoduodenalis sup.</i>)				
retroduodenal arteries (<i>aa. retroduodenales</i>)				

superior mesenteric artery (<i>a. mesenterica sup.</i>)				
inferior pancreaticoduodenal artery (<i>a. pancreaticoduodenalis inf.</i>)				
dorsal pancreatic artery (<i>a. pancreatica dorsalis</i>)				
greater pancreatic artery (<i>a. pancreatica magna</i>)				
caudal pancreatic artery (<i>a. pancreatica caudalis</i>)				
portal vein (<i>v. portae</i>)				
superior mesenteric vein (<i>v. mesenterica sup.</i>)				
splenic vein (<i>v. lienalis</i>)				
inferior mesenteric vein (<i>v. mesenterica inf.</i>)				

8) DRAW THE SCHEMATIC DRAWING OF THE VISCERAL SURFACE OF THE LIVER, ITS LOBES AND IMPRESSIONS OF ANY ADJACENT ORGANS:

9) DESCRIBE THE WALLS OF THE OMENTAL BURSA (*BURSA OMENTALIS*) AND DRAW THE SCHEMATIC DRAWING OF THE TRANSVERSE SECTION OF THE HEPATODUODENAL LIGAMENT (*LIG. HEPATODUODENALE*):

anterior wall:

posterior wall:

inferior wall:

superior wall:

10) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
Coeliac trunk (<i>truncus coeliacus</i>) is divided into the left gastric artery (<i>a. gastrica sin.</i>) and hepatosplenic trunk (<i>truncus hepatolienalis</i>)	
Coeliac trunk (<i>truncus coeliacus</i>) is divided into the left splenic artery (<i>a. lienalis sin.</i>) and hepatogastric trunk (<i>truncus hepatogastricus</i>)	
Coeliac trunk (<i>truncus coeliacus</i>) - quadrification: R/L inferior phrenic artery (<i>a. phrenica inf. dx. et sin.</i>), dorsal pancreatic artery (<i>a. pancreatica dorsalis</i>)	
accessory left gastric artery (<i>a. gastrica sin. accessoria</i>)	
Common hepatic artery (<i>a. hepatica comm.</i>): right gastric artery (<i>a. gastrica dx.</i>) from the left hepatic artery (<i>a. hepatica sin.</i>)/gastroduodenal artery (<i>a. gastroduodenalis</i>)	
Common hepatic artery (<i>a. hepatica comm.</i>): supraduodenal artery (<i>a. supraduodenalis</i>)	
Splenic artery (<i>a. lienalis</i>): posterior gastric artery (<i>a. gastrica post.</i>) originating from the splenic artery (<i>a. lienalis</i>)	
duplicated inferior vena cava (<i>vena cava inf. duplex</i>)	
hepatic grooves	
Riedel's lobe	
accessory spleen	
accessory pancreatic duct (<i>ductus pancreaticus accessorius</i>) Santorini	
annular pancreas (<i>pancreas anulare</i>)	
separate openings of the common bile duct (<i>ductus choledochus</i>) and major pancreatic duct (<i>ductus pancreaticus major</i>)	

11) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

6.7. INFRAMESOCOLIC PART OF THE PERITONEAL CAVITY

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) Inspect the inframesocolic part of the peritoneal cavity and its borders. Note any scars caused by possible past surgical procedures or possible absence of any organs:

2) MESENTERIC DERIVATES AND RECESSES

Inspect and note the presence of the recesses and mesentery derivates of the inframesocolic part of the peritoneal cavity. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	✓/x	NOTE
mesentery (<i>mesenterium</i>)		
greater omentum (<i>omentum majus</i>)		
superior duodenal recess (<i>recessus duodenalis sup.</i>)		
inferior duodenal recess (<i>recessus duodenalis inf.</i>)		
paraduodenal recess (<i>recessus paraduodenalis</i>)		
retroduodenal recess (<i>recessus retrodudodenalis</i>)		
superior ileocaecal recess (<i>recessus ileocaecalis sup.</i>)		
inferior ileocaecal recess (<i>recessus ileocaecallis inf.</i>)		
paracolic recess (<i>recessus paracolici</i>)		
intersigmoid recess (<i>recessus intersigmoideus</i>)		

3) RIGHT INFRAMESOCOLIC SPACE

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY/IS A TRIBUTARY OF	NOTE
superior mesenteric artery (<i>a. mesenterica sup.</i>)				
inferior pancreaticoduodenal artery (<i>a. pancreaticoduodenalis inf.</i>)				
anterior ramus (<i>r. anterior</i>)				
posterior ramus (<i>r. posterior</i>)				
jejunal arteries (<i>aa. jejunales</i>)				
ileal arteries (<i>aa. ileales</i>)				
ileocolic artery (<i>a. ileocolica</i>)				
appendicular artery (<i>a. appendicularis</i>)				
anterior caecal artery (<i>a. caecalis ant.</i>)				
posterior caecal artery (<i>a. caecalis post.</i>)				
right colic artery (<i>a. colica dx.</i>)				
middle colic artery (<i>a. colica media</i>)				
superior mesenteric vein (<i>v. mesenterica sup.</i>)				

Identify the structures. Mark absence/presence and position of these structures. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	POSITION	NOTE
duodenum – horizontal and ascending part (<i>duodenum – pars horizontalis et ascendens</i>)			
pancreas – caudal part of the head (<i>pancreas – caput</i>)			
jejunum (<i>jejunum</i>)			
ileum (<i>ileum</i>)			
caecum (<i>caecum</i>)			
appendix (<i>appendix vermiformis</i>)			
ascending colon (<i>colon ascendens</i>)			
right colic flexure (<i>flexura coli dx.</i>)			
transverse colon (<i>colon transversum</i>)			

4) APPENDIX

Identify in which position is the appendix if present in the specimen:

POSITION OF THE APPENDIX	√/x
retrocaecal position (<i>positio retrocaecalis</i>) (65%)	
pelvic position (<i>positio pelvica</i>) (25-31%)	
ileocaecal position (<i>positio ileocaecalis</i>) (15%)	
laterocaecal position (<i>positio laterocaecalis</i>) (2-16%)	
subcaecal position (<i>positio subcaecalis</i>) (2-12%)	
praecaecal position (<i>positio praecaecalis</i>) (5%)	

5) LEFT INFRAMESOCOLIC SPACE

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY/IS A TRIBUTARY OF	NOTE
inferior mesenteric artery (<i>a. mesenterica inf.</i>)				
left colic artery (<i>a. colica sin.</i>)				
sigmoid arteries (<i>aa. sigmoideae</i>)				
superior rectal artery (<i>a. rectalis sup.</i>)				
inferior mesenteric vein (<i>v. mesenterica inf.</i>)				

Identify the structures. Mark absence/presence and position of these structures. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	POSITION	NOTE
left colic flexure (<i>flexura coli sin.</i>)			
descending colon (<i>colon descendens</i>)			
sigmoid colon (<i>colon sigmoideum</i>)			

6) DRAW A SCHEMATIC DRAWING OF THE BORDERS OF THE MESENTERIC ROOT (RADIX MESENTERII):

7) DESCRIBE THE DIFFERENCES BETWEEN THE INTESTINAL COILS AND PERITONEAL FOLDS:

8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

VARIATION	✓/x
accessory middle colic artery (<i>a. colica media accessoria</i>)	
right colic artery (<i>a. colica dx.</i>) originating from the ileocolic artery (<i>a. ileocolica</i>)	
accessory right colic artery (<i>a. colica dx. accessoria</i>)	
common trunk of the ileocolic and right colic or middle colic artery (<i>a. ileocolica et a. colica dx. seu a. colica media</i>)	
common trunk of the sigmoid and left colic arteries (<i>a. sigmoidea et a. colica sin.</i>)	
mobile caecum (<i>caecum mobile</i>)	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

6.8. RETROPERITONEUM

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) Inspect the retroperitoneal space and its borders. Note any scars possibly caused by past surgical procedures or possible absence of any organs:

2) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY/IS A TRIBUTARY OF	NOTE
Abdominal aorta (<i>Aorta abdominalis</i>)				
Parietal branches:				
inferior phrenic arteries (<i>aa. phrenicae inf.</i>)				
lumbar arteries (<i>aa. lumbales</i>)				
median sacral artery (<i>a. sacralis mediana</i>)				
Paired visceral branches:				
middle suprarenal artery (<i>a. suprarenalis media</i>)				
renal artery (<i>a. renalis</i>)				
gonadal artery (<i>a. ovarica/testicularis</i>)				
Unpaired visceral branches:				
coeliac trunk (<i>truncus coeliacus</i>)				
superior mesenteric artery (<i>a. mesenterica sup.</i>)				
inferior mesenteric artery (<i>a. mesenterica inf.</i>)				
Inferior vena cava (<i>Vena cava inf.</i>)				
Parietal branches:				

lumbar veins (<i>vv. lumbales</i>)				
ascending lumbar vein (<i>v. lumbalis ascendens</i>)				
inferior phrenic veins (<i>vv. phrenicae inf.</i>)				
median sacral vein (<i>v. sacralis mediana</i>)				
Visceral branches:				
hepatic veins (<i>vv. hepaticae</i>)				
right suprarenal vein (<i>v. suprarenalis dx.</i>)				
renal veins (<i>vv. renales</i>)				
gonadal vein (<i>v. testicularis/ ovarica</i>)				

3) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE/POSITION	INNERVATION AREA	NOTE
right sympathetic trunk (<i>tr. sympathicus dx.</i>)				
left sympathetic trunk (<i>tr. sympathicus sin.</i>)				
lumbar ganglia (<i>ggl. lumbales</i>)				
abdominal aortic plexus (<i>plexus aorticus abdominalis</i>)				
coeliac plexus (<i>plexus coeliacus</i>)				
coeliac ganglion (<i>ggl. coeliacum</i>)				
hepatic plexus (<i>plexus hepaticus</i>)				
gastric plexus (<i>plexus gastricus</i>)				
splenic plexus (<i>plexus splenicus</i>)				

pancreatic plexus (<i>plexus pancreaticus</i>)				
renal plexus (<i>plexus renalis</i>)				
suprarenal plexus (<i>plexus suprarenalis</i>)				
aorticorenal ganglia (<i>ggl. aorticorenale</i>)				
gonadal plexus (<i>plexus testicularis/ ovaricus</i>)				
ureteric plexus (<i>plexus uretericus</i>)				
superior mesenteric plexus (<i>plexus mesentericus sup.</i>)				
superior mesenteric ganglion (<i>ggl. mesentericum sup.</i>)				
inferior mesenteric plexus (<i>plexus mesentericus inf.</i>)				
inferior mesenteric ganglion (<i>ggl. mesentericum inf.</i>)				
superior hypogastric plexus (<i>plexus hypogastricus sup.</i>)				
subcostal nerve (<i>n. subcostalis</i>)				
lumbar plexus (<i>plexus lumbalis</i>)				
iliohypogastric nerve (<i>n. iliohypogastricus</i>)				
ilioinguinal nerve (<i>n. ilioinguinalis</i>)				
lateral femoral cutaneous nerve (<i>n. cutaneus fem. lat.</i>)				
genitofemoral nerve (<i>n. genitofemoralis</i>)				
genital ramus (<i>r. genitalis</i>)				
femoral ramus (<i>r. femoralis</i>)				
femoral nerve (<i>n. femoralis</i>)				
obturator nerve (<i>n. obturatorius</i>)				

4) IDENTIFY THE THORACIC DUCT (*DUCTUS THORACICUS*) AND *CISTERNA CHYLI*, WHAT LEVEL IS IT SITUATED AT?

5) KIDNEY, SUPRARENAL GLAND, URETER

Inspect the position of the suprarenal glands. Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	ORIGIN	NOTE
superior suprarenal artery (<i>a. suprarenalis sup.</i>)			
middle suprarenal artery (<i>a. suprarenalis media</i>)			
inferior suprarenal artery (<i>a. suprarenalis inf.</i>)			

6) INSPECT THE COVERINGS OF THE KIDNEYS AND NOTE THEIR PRESENCE/ABSENCE. NOTE ANY VARIATIONS FOUND IN THE APPROPRIATE STRUCTURES OR THE REASON FOR THE ABSENCE OF THE STRUCTURE:

	√/x	NOTE
adipose pararenal corpus (<i>corpus adiposum pararenale</i>)		
Gerot's renal fascia (<i>fascia renalis Gerotae</i>)		
anterior renal fascia (<i>lamina praerenalis</i>)		
posterior renal fascia (<i>lamina retrorenalis</i>)		
adipose capsule (<i>capsula adiposa</i>)		
renal fibrous capsule (<i>capsula fibrosa</i>)		

7) NOTE THREE CONSTRICTIONS OF THE URETER AND MARK THREE STRUCTURES WHICH THE URETER CROSSES DURING ITS COURSE:

8) MUSCLES OF THE POSTERIOR ABDOMINAL WALL AND THE DIAPHRAGM

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
psoas major muscle					
quadratus lumborum muscle					
lumbar part of the diaphragm (<i>pars lumbalis diaphragm</i>)					
lateral arcuate ligament (<i>lig. arcuatum lat.</i>)					
medial arcuate ligament (<i>lig. arcuatum med.</i>)					
median arcuate ligament (<i>lig. arcuatum medianum</i>) right and left crus (<i>crus dx., crus sin.</i>)					

9) DRAW AND LABEL A SCHEME OF THE ORIGIN OF THE THORACIC DUCT (*DUCTUS THORACICUS*):

10) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

VARIATION	✓/x
psoas minor muscle	
accessory renal artery (<i>a. renalis accessoria</i>)	
superior polar renal artery (<i>a. renalis polaris sup.</i>)	
origin of the gonadal artery (<i>a. testicularis / ovarica</i>) from the renal artery (<i>a. renalis</i>)	
bifurcation of the lateral femoral cutaneous nerve (<i>n. cutaneus femoris lat.</i>)	
accessory femoral nerve (<i>n. femoralis accessorius</i>)	
accessory obturator nerve (<i>n. obturatorius accessorius</i>)	
reniculated kidney	
duplicated ureter (<i>ureter duplex, fissus</i>)	

11) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

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7. PELVIS DISSECTION (*Karolína Bretová*)

7.1. OVERVIEW OF SELECTED VARIATIONS IN THE PELVIC REGION

MUSCLE VARIATIONS
psoas minor muscle (<i>m. psoas minor</i>)
ARTERIAL VARIATIONS
Obturator artery (<i>a. obturatoria</i>) – origin from the internal or external iliac artery (<i>a. iliaca interna/a.iliaca externa</i>)
<i>corona mortis</i> – variable origin
middle rectal artery (<i>a. rectalis media</i>) – origin from the internal iliac artery/inferior vesical artery/internal pudendal artery/inferior gluteal artery (<i>a. iliaca interna/a. vesicalis inf./a. pudenda int./a. glutea inf.</i>)
ovarian arteries (<i>aa. ovaricae</i>) originate from the renal artery (<i>a. renalis</i>) /their branches are the accessory renal artery (<i>a. renalis accessoria</i>)
VENOUS VARIATIONS
right ovarian vein (<i>v. ovarica dx.</i>) drains into the right renal vein (<i>v. renalis dx.</i>)
origin of the left common iliac vein (<i>v. iliaca communis sin.</i>) at a higher level
NERVOUS VARIATIONS
absent iliohypogastric nerve (<i>n. iliohypogastricus</i>)
genitofemoral nerve (<i>n. genitofemoralis</i>) – considered one of the most variable nerves of the lumbar plexus; the most common variation includes splitting into the genital and femoral branch within the psoas major muscle
absent lateral femoral cutaneous nerve (<i>n. cutaneus femoris lateralis</i>); high division
accessory obturator nerve (<i>n. obturatorius accessorius</i>)
UTERUS VARIATIONS
agenesis or different spectra of hypoplasia of the uterus, cervix and vagina
<i>uterus unicornis</i>
<i>uterus didelphys</i>
<i>uterus bicornis</i>
<i>uterus septus</i>
<i>uterus arcuatus</i>
retroversion (+retroflexion)

7.2. DISSECTION OF THE PENIS AND SCROTUM

SPECIMEN IDENTIFICATION
Specimen number:

1) SKIN

Inspect the skin in the region of the penis and scrotum. Note any scars or other damage:

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Note whether the structure has a standard course. Write down any variations or the reason for the absence of the given structures:

	✓/x	COURSE	NOTE
dorsal veins of the penis (<i>vv. dorsales penis superficiales</i>)			
fundiform ligament of the penis (<i>lig. fundiforme penis</i>)			

3) DEEP LAYER OF PENIS

Identify the blood vessels and nerves and mark their presence/absence. Note whether the course is standard and write down any variations (e.g., in branching):

	✓/x	COURSE	NOTE
deep dorsal vein of the penis (<i>v. dorsalis penis profunda</i>)			
dorsal arteries of the penis (<i>aa. dorsales penis</i>)			
dorsal nerves of the penis (<i>nn. dorsales penis</i>)			

4) COVERINGS OF THE TESTIS

Find the listed structures, mark their presence and state their origin and possible variations:

	✓/x	ORIGIN	NOTE
scrotal skin, <i>tunica dartos scroti</i>			
external spermatic fascia (<i>fascia spermatica externa</i>)			
cremaster muscle (<i>fascia cremasterica</i>)			

internal spermatic fascia (<i>fascia spermatica interna</i>)			
<i>lamina parietalis tunicae vaginalis testis</i>			
<i>lamina visceralis tunicae vaginalis testis</i>			

5) DRAW AND DESCRIBE THE SCHEME OF COVERINGS OF THE TESTIS:

6) DRAW AND DESCRIBE THE CROSS-SECTION SCHEME OF *CORPUS PENIS*:

7) DESCRIBE AND DRAW ANY ANATOMICAL VARIATIONS IN THIS AREA:

7.3. DISSECTION OF THE MALE PELVIC ORGANS AND INTERNAL ILIAC ARTERY

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
levator ani muscle					
internal obturator muscle					
iliacus muscle					
psoas major muscle					
psoas minor muscle					

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
umbilical artery (<i>a. umbilicalis</i>)				
superior vesical artery (<i>a. vesicalis superior</i>)				
inferior vesical artery (<i>a. vesicalis inferior</i>)				
middle rectal artery (<i>a. rectalis media</i>)				
artery to the ductus/vas deferens (<i>a. ductus deferentis</i>)				
iliolumbar artery (<i>a. iliolumbalis</i>)				
lateral sacral artery (<i>a. sacralis lateralis</i>)				
obturator artery (<i>a. obturatoria</i>)				

superior gluteal artery (<i>a. glutea superior</i>)				
inferior gluteal artery (<i>a. glutea inferior</i>)				
internal pudendal artery (<i>a. pudenda interna</i>)				
inferior rectal artery (<i>a. rectalis inferior</i>)				

3) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
lateral cutaneous femoral nerve (<i>n. cutaneus femoris lateralis</i>)				
femoral nerve (<i>n. femoralis</i>)				
genitofemoral nerve (<i>n. genitofemoralis</i>)				
obturator nerve (<i>n. obturatorius</i>)				
iliohypogastric nerve (<i>n. iliohypogastricus</i>)				
ilioinguinal nerve (<i>n. ilioinguinalis</i>)				

4) ORGANS

Identify the organs, mark their presence/absence, and note any variations:

	√/x	NOTE
urinary bladder (<i>vesica urinaria</i>)		
<i>ureter</i>		
<i>rectum</i>		
seminal vesicles (<i>vesiculae seminales</i>)		
ductus/vas deferens (<i>ductus/vasa defferentes</i>)		
prostate		

5) DRAW AND DESCRIBE THE SCHEME OF INTERNAL ILIAC ARTERY (*A. ILLIACA INTERNA*) BRANCHING:

6) DRAW AND DESCRIBE THE SCHEME OF *CORONA MORTIS*:

7) DRAW AND DESCRIBE THE SCHEME OF ISCHIORECTAL FOSSA:

8) THE MOST COMMON VARIATIONS OF THIS AREA

Mark the presence/absence of the following variations:

	✓/x
psoas minor muscle (<i>m. psoas minor</i>)	
middle rectal artery (<i>a. rectalis media</i>) – origin from the inferior vesical artery/internal pudental artery/inferior gluteal artery (<i>a. iliaca interna/a. vesicalis inf./a. pudenda int./a. glutea inf.</i>)	
absent lateral cutaneous femoral nerve (<i>n. cutaneus femoris lateralis</i>)	
high division of the lateral cutaneous femoral nerve (<i>n. cutaneus femoris lateralis</i>)	
accessory obturator nerve (<i>n. obturatorius accessorius</i>)	

9) DESCRIBE AND DRAW ANY OTHER ANATOMICAL VARIATIONS IN THIS AREA:

7.4. DISSECTION OF THE FEMALE PELVIC ORGANS AND INTERNAL ILIAC ARTERY

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INERVATION	ORIGIN	INSERTION	NOTE
levator ani muscle					
internal obturator					
iliacus muscle					
psoas major muscle					
psoas minor muscle					

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
umbilical artery (<i>a. umbilicalis</i>)				
superior vesical artery (<i>a. vesicalis superior</i>)				
inferior vesical artery (<i>a. vesicalis inferior</i>)				
middle rectal artery (<i>a. rectalis media</i>)				
uterine artery (<i>a. uterina</i>)				
iliolumbar artery (<i>a. iliolumbalis</i>)				
lateral sacral artery (<i>a. sacralis lateralis</i>)				
obturator artery (<i>a. obturatoria</i>)				
superior gluteal artery (<i>a. glutea superior</i>)				

inferior gluteal artery (<i>a. glutea inferior</i>)				
internal pudendal artery (<i>a. pudenda interna</i>)				
inferior rectal artery (<i>a. rectalis inferior</i>)				

3) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	✓/x	COURSE	AREA OF INNERVATION	NOTE
lateral cutaneous femoral nerve (<i>n. cutaneus femoris lateralis</i>)				
femoral nerve (<i>n. femoralis</i>)				
genitofemoral nerve (<i>n. genitofemoralis</i>)				
obturator nerve (<i>n. obturatorius</i>)				
iliohypogastric nerve (<i>n. iliohypogastricus</i>)				
ilioinguinal nerve (<i>n. ilioinguinalis</i>)				

4) ORGANS

Identify the organs, mark their presence/absence, and note any variations:

	✓/x	NOTE
urinary bladder		
<i>ureter</i>		
<i>rectum</i>		
<i>urethra</i>		
<i>uterus</i>		
<i>vagina</i>		
ovaries, Fallopian tubes		

5) DRAW AND DESCRIBE THE SCHEME OF THE INTERNAL ILIAC ARTERY (*A. ILIACA INTERNA*) BRANCHING:

6) DRAW AND DESCRIBE THE SCHEME OF *CORONA MORTIS*:

7) DRAW AND DESCRIBE THE SCHEME OF THE ISCHIORECTAL FOSSA:

5) THE MOST COMMON VARIATIONS OF THIS AREA

Mark the presence/absence of the following variations:

	✓/x
psoas minor muscle	
middle rectal artery (<i>a. rectalis media</i>) – origin from the inferior vesical artery/internal pudental artery/inferior gluteal artery (<i>a. iliaca interna/a. vesicalis inf./a. pudenda int./a. glutea inf.</i>)	
missing lateral cutaneous femoral nerve (<i>n. cutaneus femoris lateralis</i>)	
high division of the lateral cutaneous femoral nerve (<i>n. cutaneus femoris lateralis</i>)	
right ovarian vein (<i>v. ovarica dx.</i>) drains into the right renal vein (<i>v. renalis dx.</i>)	
accessory obturator nerve (<i>n. obturatorius accesorius</i>)	
retroversion (+ retroflexion) of the uterus	

6) DESCRIBE AND DRAW ANY OTHER ANATOMICAL VARIATIONS IN THIS AREA:

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8. DISSECTION OF THE HEAD (*Ivana Pračková, Veronika Dzetkuličová*)

8.1. OVERVIEW OF THE MOST COMMON VARIATIONS OF THIS REGION

VARIATIONS OF MUSCLES
Missing superior/middle/inferior pharyngeal raphe (<i>raphe pharyngis sup. /med./inf.</i>)
<i>m. levator glandulae thyroideae</i>
<i>m. thyreotrachealis</i>
<i>m. cricoepiglotticus</i>
<i>m. retractor bulbi</i>
lateral pterygoid muscle with one head /three heads
VARIATIONS OF ARTERIES
ascending pharyngeal artery (<i>a. pharyngea ascendens</i>) as a branch of occipital artery (<i>a. occipitalis</i>)
superior laryngeal artery (<i>a. laryngea superior</i>) as a branch of external carotid artery (<i>a. carotis externa</i>)
course of maxillary artery (<i>a. maxillaris</i>) medially from the lateral pterygoid muscle (<i>m. pterygoideus lateralis</i>)
presence of the temporomasseteric trunk (<i>truncus temporomassetericus</i>) (branch of the maxillary artery (<i>a. maxillaris</i>))
VARIATIONS OF NERVES
glossopharyngeal nerve (<i>n. glossopharyngeus</i>) pierces the stylopharyngeus muscle (<i>m. stylopharyngeus</i>)
communication between the sympathetic trunk (<i>truncus sympathicus</i>) and the right recurrent laryngeal nerve (<i>n. laryngeus recurrens dex.</i>) or phrenic nerve (<i>n. phrenicus</i>)
missing Galen's anastomosis
course of the hypoglossal nerve (<i>n. hypoglossus</i>) caudally from the lingual artery (<i>a. lingualis</i>)
OTHER VARIATIONS
thyroid foramen (<i>foramen thyroideum</i>)
communication between the superior horns of the thyroid cartilage (<i>cornua thyroidea superiora</i>) and the hyoid bone (<i>os hyoideum</i>)
cartilaginous connection between the cricoid cartilage (<i>cartilago cricoidea</i>) and the first ring of the tracheal cartilage
bifid <i>epiglottis</i>
double-layered lacrimal gland (<i>glandula lacrimalis</i>)
separate opening for the major sublingual duct (<i>ductus sublingualis major</i>)
absent major sublingual duct (<i>ductus sublingualis major</i>)

8.2. PAROTIDEMASSETERIC REGION

(REGIO PAROTIDEMASSETERICA)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the parotidemaseteric region (*regio parotidemaseterica*). Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Write down any variations or the reason for their absence:

	√/x	NOTE
temporal branches of the facial nerve (<i>rr. temporales nervi facialis</i>)		
zygomatic branches of the facial nerve (<i>rr. zygomatici nervi facialis</i>)		
buccal branches of the facial nerve (<i>rr. buccales nervi facialis</i>)		
marginal mandibular branch of the facial nerve (<i>r. marginalis mandibulae nervi facialis</i>)		
cervical branch of the facial nerve (<i>r. colli nervi facialis</i>)		
auriculotemporal nerve (<i>n. auriculotemporalis</i>)		
anterior auricular nerve (<i>n. auricularis anterior</i>)		
parotidemaseteric fascia (<i>fascia parotidemaseterica</i>)		

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
masseter muscle					

B) VESSELS

Identify the arteries (veins), mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (veins) (e.g., unusual branching) or the reason for the absence of the artery (vein):

	√/x	COURSE	AREA OF SUPPLY	NOTE
external carotid artery (<i>a. carotis externa</i>)				
superficial temporal artery (<i>a. temporalis spf.</i>)				
transverse facial artery (<i>a. transversa faciei</i>)				
	√/x	COURSE	IS A TRIBUTARY OF	NOTE
retromandibular vein (<i>v. retromandibularis</i>)				
superficial temporal vein (<i>v. temporalis spf.</i>)				

C) OTHER STRUCTURES

Identify the structures, mark their presence/absence. Note any variations or the reason for the absence of the following structures:

	√/x	NOTE
parotid gland (<i>glandula parotis</i>)		
parotid duct (<i>ductus parotideus</i>)		

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF PAROTID GLAND (*GLANDULA PAROTIS*), PAROTID DUCT (*DUCTUS PAROTIDEUS*) AND BRANCHES OF THE PAROTID PLEXUS (*PLEXUS PAROTIDEUS*).

5) VARIATIONS MOST COMMONLY FOUND IN THIS AREA

Mark the presence/absence of each of the appropriate variations:

	√/x
accessory parotid gland (<i>glandula parotis accessoria</i>)	
occipitauricular trunk (<i>truncus occipitauricularis</i>)	
unilateral duplication of the parotid duct (<i>ductus parotideus</i>)	

6) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

8.3. FACIAL REGIONS (*REGIONES FACIALES*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

Find all facial regions (*regiones faciei*) – nasal region (*regio nasalis*), oral region (*regio oralis*), mental region (*regio mentalis*), orbital region (*regio orbitalis*), infraorbital region (*regio infraorbitalis*), buccal region (*regio buccalis*), zygomatic region (*regio zygomatica*).

1) SKIN

Inspect the skin in the facial regions. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
external nasal nerve (<i>n. nasalis externus</i>)			
zygomaticofacial branch of the zygomatic nerve (<i>r. zygomaticofacialis n. zygomatici</i>)			
zygomaticotemporal branch of the zygomatic nerve (<i>r. zygomaticotemporalis n. zygomatici</i>)			
lacrimal nerve (<i>n. lacrimalis</i>)			
mental nerve (<i>n. mentalis</i>)			
supraorbital nerve (<i>n. supraorbitalis</i>)			
infraorbital nerve (<i>n. infraorbitalis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence and include their innervation. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	NOTE
zygomaticus major muscle			
zygomaticus minor muscle			
risorius muscle			

levator labii superioris muscle			
levator anguli oris muscle			
orbicularis oris muscle			
depressor labii inferioris muscle			
depressor anguli oris muscle			
mentalis muscle			
buccinator muscle			
nasalis muscle			
levator labii superioris alequae nasi muscle			
orbicularis oculi muscle			
corrugator supercilli muscle			
procerus muscle			

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply (where does it drain). Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
supraorbital artery (<i>a. supraorbitalis</i>)				
dorsal nasal artery (<i>a. dorsalis nasi</i>)				
infraorbital artery (<i>a. infraorbitalis</i>)				
infratrochlear artery (<i>a. infratrochlearis</i>)				
supratrochlear artery (<i>a. supratrochlearis</i>)				
facial artery (<i>a. facialis</i>)				
superior labial artery (<i>a. labialis superior</i>)				
inferior labial artery (<i>a. labialis inferior</i>)				
naso-alar artery (<i>a. alaris nasi</i>)				
angular artery (<i>a. angularis</i>)				

mental artery (<i>a. mentalis</i>)				
transverse facial artery (<i>a. transversa faciei</i>)				

4) DRAW AND LABEL THE SCHEMATIC DRAWING OF THE FACIAL ARTERY (*ARTERIA FACIALIS*) AND ITS BRANCHES.

5) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
zygomatic branches of the facial nerve (<i>n. facialis – rr. zygomatici</i>)				
buccal branches of the facial nerve (<i>n. facialis – rr. buccales</i>)				
marginal mandibular branch of the facial nerve (<i>n. facialis – r. marginalis mandibulae</i>)				

6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
absent zygomaticus minor muscle (<i>m. zygomaticus minor</i>)	
linguofacial trunk (<i>truncus linguofacialis</i>)	
rudimental facial artery (<i>a. facialis</i>)	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA

8.4. TEMPORAL REGION (*REGIO TEMPORALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the temporal region (*regio temporalis*). Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
great auricular nerve (<i>n. auricularis magnus</i>)			
auriculotemporal nerve (<i>n. auriculotemporalis</i>)			
zygomaticotemporal branch of the zygomatic nerve (<i>r. zygomaticotemporalis n. zygomatici</i>)			
superficial temporal artery (<i>a. temporalis superficialis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
temporal muscle					
temporoparietal muscle					

B) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	✓/x	COURSE	AREA OF SUPPLY	NOTE
--	-----	--------	----------------	------

deep temporal artery (<i>a. temporalis profunda</i>)				
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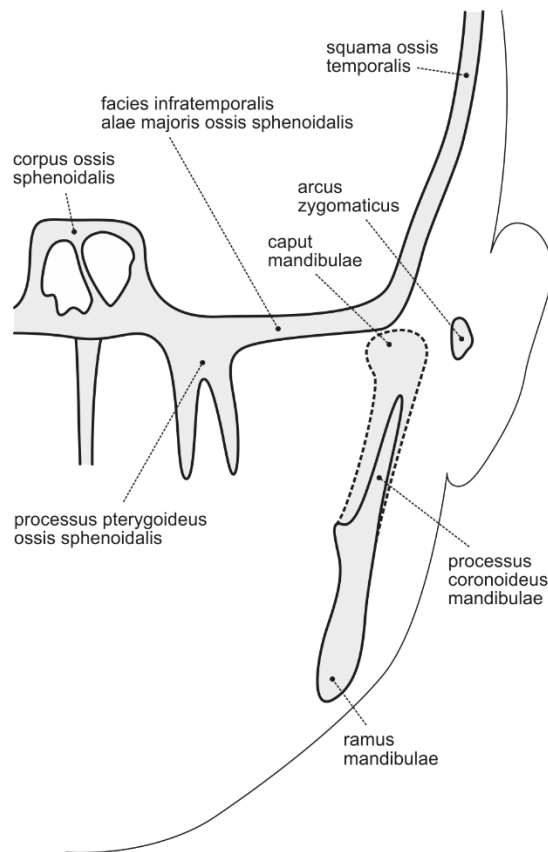
C) NERVES

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
deep temporal nerve (<i>n. temporalis profundus</i>)				
temporal branches of the facial nerve (<i>rr. temporales n. facialis</i>)				

4) DRAW AND LABEL THE MASTICATORY MUSCLES INTO THE SCHEMATIC DRAWING.:



5) DESCRIBE AND DRAW ANY VARIATIONS IDENTIFIED IN THIS AREA:

8.5 INFRATEMPORAL FOSSA (*FOSSA INFRATEMPORALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
medial pterygoid muscle					
lateral pterygoid muscle					

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
maxillary artery (<i>a. maxillaris</i>)				

3) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
lingual nerve (<i>n. lingualis</i>)				
inferior alveolar nerve (<i>n. alveolaris inferior</i>)				
mylohyoid nerve (<i>n. mylohyoideus</i>)				
chorda tympani (<i>chorda tympani</i>)				
buccal nerve (<i>n. buccalis</i>)				
auriculotemporal nerve (<i>n. auriculotemporalis</i>)				

4) LIST THE BONY BORDERS OF THE INFRATEMPORAL FOSSA (*FOSSA INFRATEMPORALIS*)?

5) DRAW AND LABEL THE MAXILLARY ARTERY (*A. MAXILLARIS*) – ITS THREE MAIN PARTS AND BRANCHES ORIGINATING FROM EACH OF THE PARTS

6) DRAW AND LABEL THE COURSE AND RELATIVE POSITION OF THE FOLLOWING NERVES IN THE INFRATEMPORAL FOSSA (*FOSSA INFRATEMPORALIS*): AURICULOTEMPORAL NERVE (*N. AURICULOTEMPORALIS*), BUCCAL NERVE (*N. BUCCALIS*), LINGUAL NERVE (*N. LINGUALIS*), INFERIOR ALVEOLAR NERVE (*N. ALVEOLARIS INFERIOR*), MYLOHYOID NERVE (*N. MYLOHYOIDEUS*)

7) THE MOST COMMONLY OBSERVED VARIATIONS IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
one-headed/three-headed lateral pterygoid muscle	
maxillary artery (<i>a. maxillaris</i>) runs medially to the lateral pterygoid muscle	
temporomasseteric trunk (<i>truncus temporomassetericus</i>) as a branch of the maxillary artery (<i>a. maxillaris</i>)	

8) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

8.6 FRONTOPARIETOCCIPITAL REGION, OPENING OF THE SKULL AND DISSECTION OF DURA MATER

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) SKIN

Inspect the skin in the frontoparietooccipital region. Note any scars or other damage.

2) SUBCUTANEOUS TISSUE

Indicate which structures you have dissected in the subcutaneous tissue. Mark their presence/absence. Note whether the structure has a standard course. Write down any variations or the reason for their absence:

	✓/x	COURSE	NOTE
supratrochlear nerve (<i>n. supratrochlearis</i>)			
supraorbital nerve (<i>n. supraorbitalis</i>)			
frontal and parietal branch of auriculotemporal nerve (<i>r. frontalis et r. parietalis - n. auriculotemporalis</i>)			
greater occipital nerve (<i>n. occipitalis major</i>)			
lesser occipital nerve (<i>n. occipitalis minor</i>)			
supratrochlear artery (<i>a. supratrochlearis</i>)			
supraorbital artery (<i>a. supraorbitalis</i>)			
superficial temporal artery (<i>a. temporalis superficialis</i>)			
occipital artery (<i>a. occipitalis</i>)			

3) DEEP LAYER

A) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	✓/x	INNERVATION	ORIGIN	INSERTION	NOTE
occipitofrontalis muscle					

4) CRANIAL CAVITY

Identify following structures and mark their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	✓/x	NOTE
cerebral falx (<i>falx cerebri</i>)		
cerebellar tentorium (<i>tentorium cerebelli</i>)		
cerebellar falx (<i>falx cerebelli</i>)		
superior sagittal sinus (<i>sinus sagittalis superior</i>)		
inferior sagittal sinus (<i>sinus sagittalis inferior</i>)		
transverse sinus (<i>sinus transversus</i>)		
occipital sinus (<i>sinus occipitalis</i>)		
straight sinus (<i>sinus rectus</i>)		
sigmoid sinus (<i>sinus sigmoideus</i>)		
marginal sinus (<i>sinus marginalis</i>)		
superior petrosal sinus (<i>sinus petrosus superior</i>)		
inferior petrosal sinus (<i>sinus petrosus inferior</i>)		
cavernous sinus (<i>sinus cavernosus</i>)		
confluence of sinuses (<i>confluens sinuum</i>)		

5) NERVES AND VESSELS

Identify following nerves and vessels, mark their course and presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	✓/x	COURSE	NOTE
olfactory nerve (<i>n. olfactorius</i>)			
optic nerve (<i>n. opticus</i>)			
oculomotor nerve (<i>n. oculomotorius</i>)			
trochlear nerve (<i>n. trochlearis</i>)			
trigeminal nerve (<i>n. trigeminus</i>)			
abducens nerve (<i>n. abducens</i>)			
facial nerve (<i>n. facialis</i>)			
vestibulocochlear nerve (<i>n. vestibulocochlearis</i>)			
glossopharyngeal nerve (<i>n. glossopharyngeus</i>)			
vagus nerve (<i>n. vagus</i>)			
accessory nerve (<i>n. accessorius</i>)			

hypoglossal nerve (<i>n. hypoglossus</i>)			
internal carotid artery (<i>a. carotis interna</i>)			
ophthalmic artery (<i>a. ophthalmica</i>)			
vertebral artery (<i>a. vertebralis</i>)			

6) TRIGEMINAL NERVE

Identify following branches of the trigeminal nerve (*nervus trigeminus*), mark their presence/absence. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	NOTE
ophthalmic nerve (<i>n. ophthalmicus</i>)		
maxillary nerve (<i>n. maxillaris</i>)		
mandibular nerve (<i>n. mandibularis</i>)		

7) LIST THE BONY BORDERS OF THE CRANIAL FOSSAE:

anterior cranial fossa (<i>fossa cranii anterior</i>)	
middle cranial fossa (<i>fossa cranii media</i>)	
posterior cranial fossa (<i>fossa cranii posterior</i>)	

8) NAME THE VESSELS AND NERVES WHICH ENTER THE SKULL THROUGH THE FOLLOWING OPENINGS:

cribriform plate of the ethmoid bone (<i>lamina cribrosa ossis ethmoidalis</i>)	
--	--

optic canal (<i>canalis opticus</i>)	
superior orbital fissure (<i>fissura orbitalis superior</i>)	
internal opening of the carotid canal (<i>apertura interna canalis carotici</i>)	
hiatus for the greater petrosal nerve (<i>hiatus canalis nervi petrosi majoris</i>)	
hiatus for the lesser petrosal nerve (<i>hiatus canalis nervi petrosi minoris</i>)	
foramen rotundum (<i>foramen rotundum</i>)	
foramen ovale (<i>foramen ovale</i>)	
foramen spinosum (<i>foramen spinosum</i>)	
internal auditory meatus (<i>porus acusticus internus</i>)	
jugular foramen (<i>foramen jugulare</i>)	
hypoglossal canal (<i>canalis hypoglossi</i>)	
condylar canal (<i>canalis condylaris</i>)	
foramen magnum (<i>foramen magnum</i>)	

9) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
aplasia of the left transverse sinus (<i>sinus transversus sinister</i>)	
aplasia of the right transverse sinus (<i>sinus transversus dexter</i>)	
cerebral falx (<i>falx cerebri</i>) ossification	

10) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

8.7. BRAIN DISSECTION, CIRCLE OF WILLIS (*CIRCULUS ARTERIOSUS CEREBRI*)

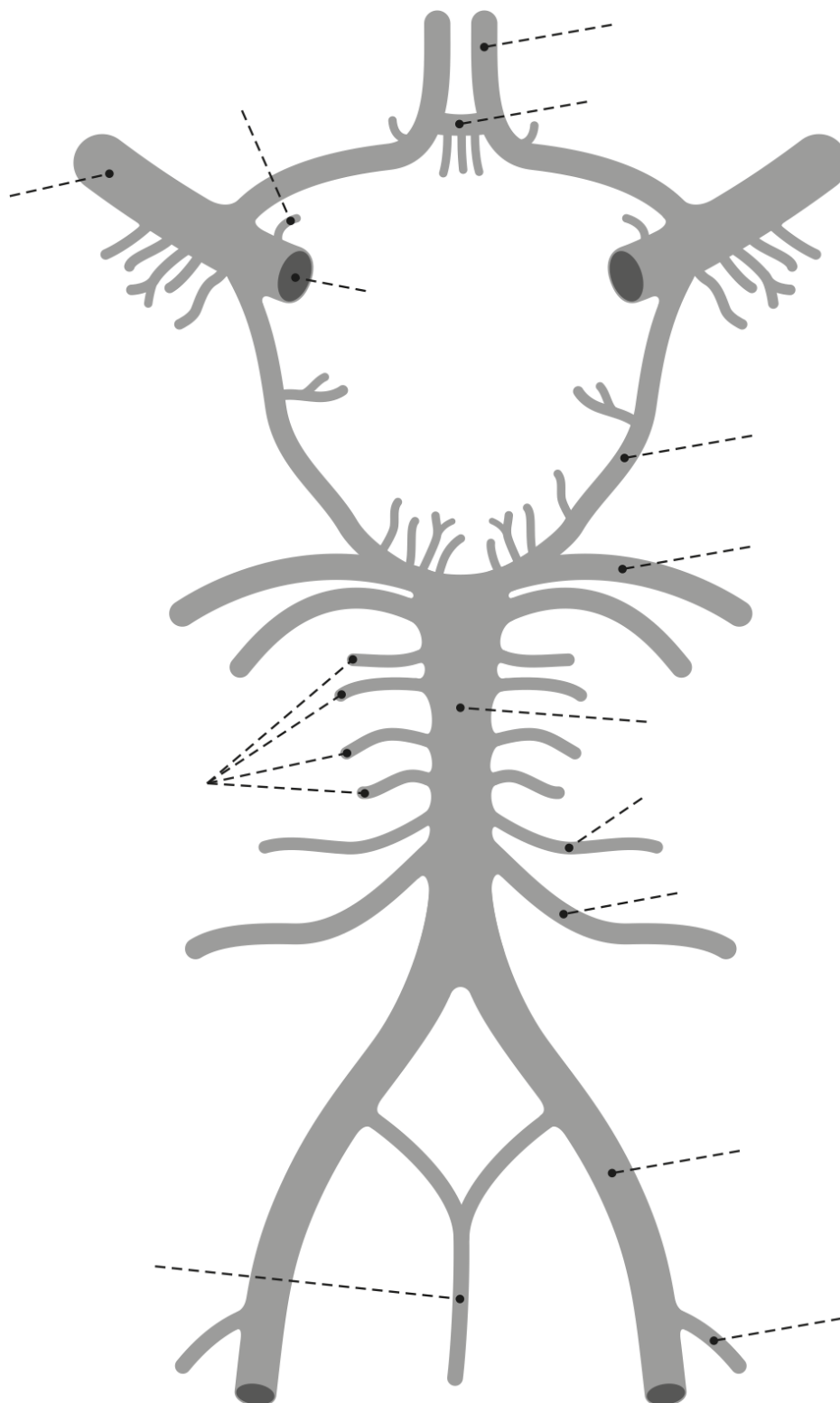
SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) CIRCLE OF WILLIS (*CIRCULUS ARTERIOSUS CEREBRI*)

- a) Identify the arteries of the circle of Willis, mark their presence/absence and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	AREA OF SUPPLY	NOTE
vertebral arteries (<i>aa. vertebrales</i>)			
posterior inferior cerebellar arteries (<i>aa. cerebellares inferiores posteriores</i>)			
basilar artery (<i>a. basilaris</i>)			
anterior inferior cerebellar arteries (<i>aa. cerebellares inferiores anteriores</i>)			
pontine arteries (<i>aa. pontis</i>)			
superior cerebellar arteries (<i>aa. cerebellares superiores</i>)			
posterior cerebral arteries (<i>aa. cerebrales posteriores</i>)			
internal carotid arteries (<i>aa. carotidae internae</i>)			
posterior communicating artery (<i>a. communicans posterior</i>)			
middle cerebral arteries (<i>aa. cerebrales mediae</i>)			
anterior cerebral arteries (<i>aa. cerebrales anteriores</i>)			
anterior communicating artery (<i>a. communicans anterior</i>)			

b) NAME THE LABELED ARTERIES IN THE SCHEMATIC DRAWING OF THE CIRCLE OF WILLIS (*CIRCULUS ARTERIOSUS CEREBRI*):



2) DISSECTION OF THE BRAIN

a) DISSECTION OF THE MEDULLA OBLONGATA

Identify the structures of the *medulla oblongata* and mark their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

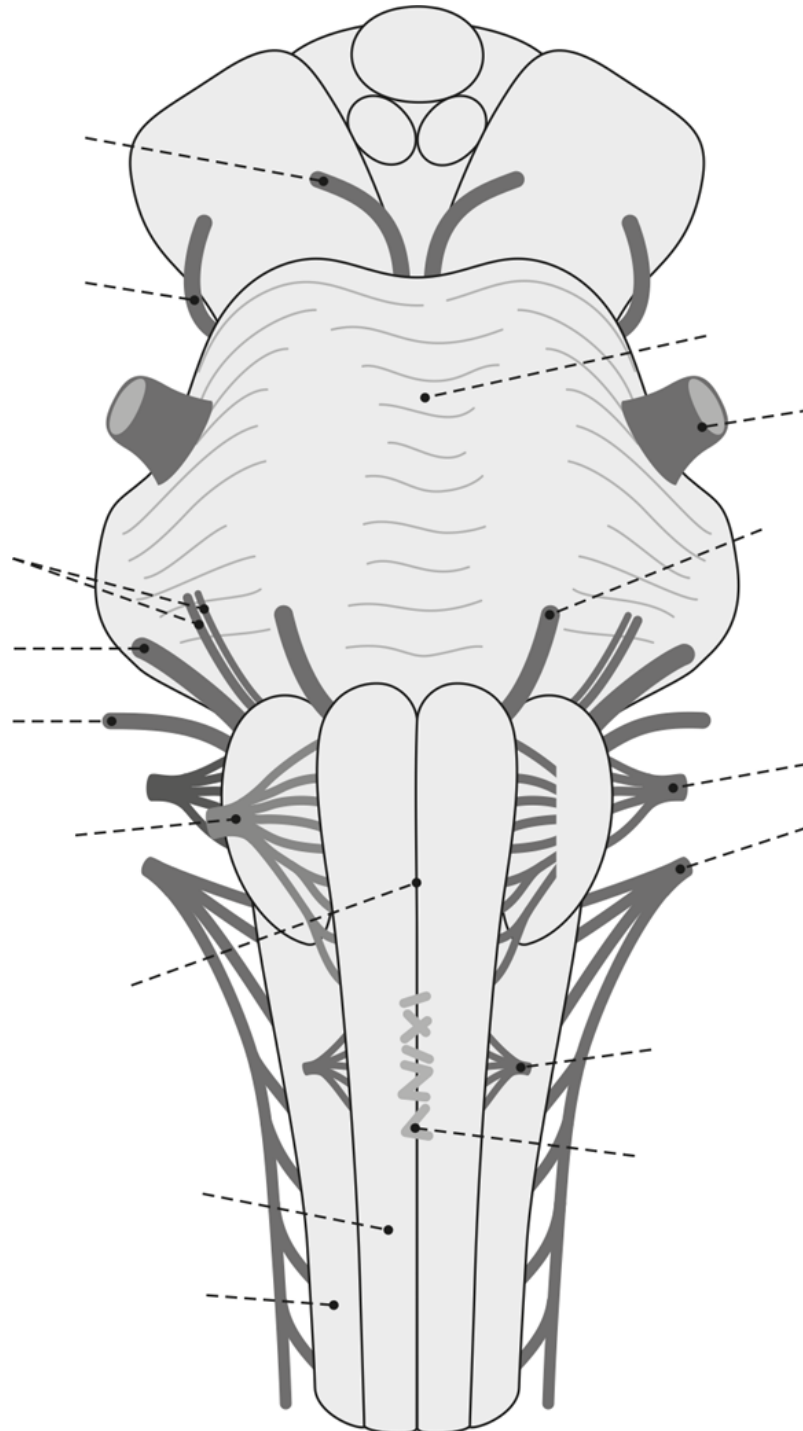
	√/x	NOTE
anterior median fissure (<i>fissura mediana anterior</i>)		
posterior median sulcus (<i>sulcus medianus posterior</i>)		
anterolateral sulcus (<i>sulcus anterolateralis</i>)		
posterolateral sulcus (<i>sulcus posterolateralis</i>)		
posterior intermediate sulcus (<i>sulcus intermedius posterior</i>)		
medullary pyramids (<i>pyramis medullae oblongatae</i>)		
pyramidal decussation (<i>decussatio pyramidum</i>)		
olivary body (<i>oliva</i>)		
gracile fasciculus + gracile tubercle (<i>fasciculus gracilis + tuberculum gracile</i>)		
cuneate fasciculus and cuneate tubercle (<i>fasciculus cuneatus + tuberculum cuneatum</i>)		
fourth ventricle (<i>ventriculus quartus</i>)		

b) DISSECTION OF THE PONS (*PONS VAROLI*)

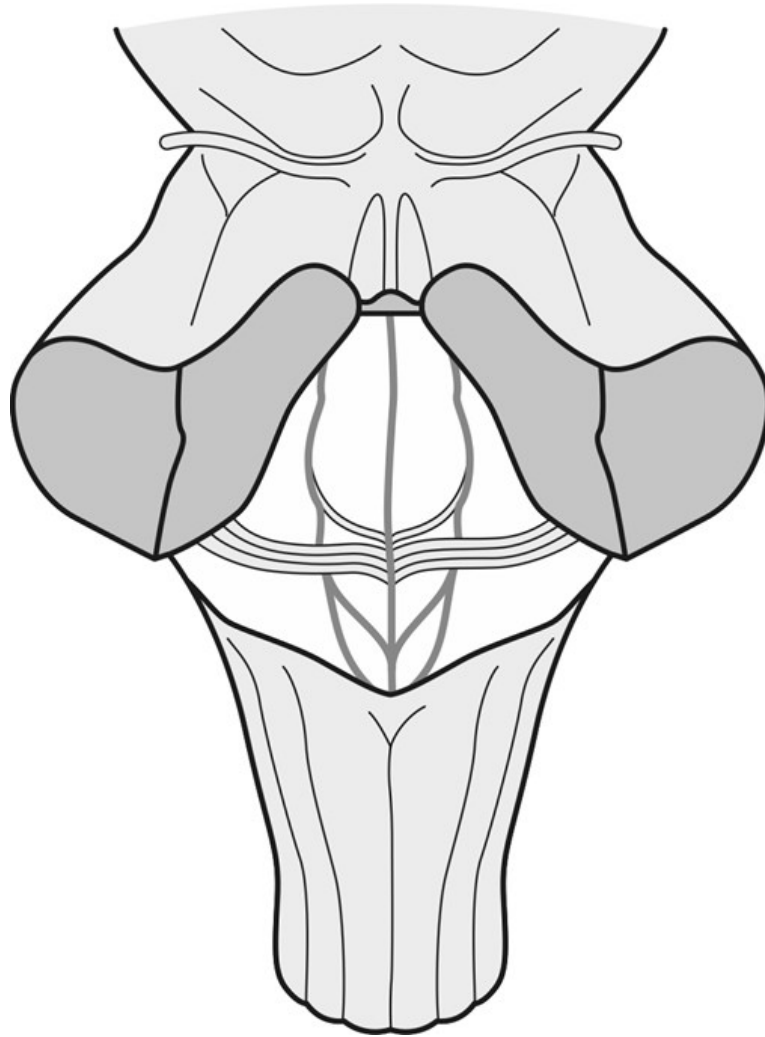
Identify the parts of the *pons Varoli* and mark their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
bulbopontine sulcus (<i>sulcus bulbopontinus</i>)		
basilar sulcus (<i>sulcus basilaris</i>)		
middle cerebellar peduncle (<i>pedunculus cerebell. med.</i>)		
pontocerebellar angle (<i>angulus pontocerebellaris</i>)		
fourth ventricle (<i>ventriculus quartus</i>)		

c) LABEL THE CRANIAL NERVES AND THE IMPORTANT STRUCTURES OF *MEDULLA OBLONGATA* AND *PONS VAROLI* IN THE SCHEMATIC DRAWING:



d) LABEL ALL IMPORTANT STRUCTURES IN THE SCHEMATIC DRAWING OF THE RHOMBOID FOSSA (*FOSSA RHOMBOIDEA*):



e) DISSECTION OF THE MESENCEPHALON

Identify the parts of the *mesencephalon* and mark their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
interpeduncular fossa (<i>fossa interpeduncularis</i>)		
posterior perforated substance (<i>substantia perforata posterior</i>)		
oculomotor sulcus (<i>sulcus nervi oculomotorii</i>)		
cerebral peduncles (<i>pedunculi cerebri</i>)		
superior cerebellar peduncle (<i>pedunculus cerebellaris superior</i>)		
inferior colliculus + brachium of inferior colliculus (<i>colliculus inferior + brachium colliculi inferioris</i>)		
superior colliculus + brachium of superior colliculus (<i>colliculus superior + brachium colliculi superioris</i>)		
cerebral aqueduct (<i>aqueductus cerebri</i>)		

f) DISSECTION OF THE CEREBELLUM

Identify the parts of the *cerebellum* and mark their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
anterior lobe of the cerebellum (<i>lobus cerebelli anterior</i>)		
posterior lobe of the cerebellum (<i>lobus cerebelli posterior</i>)		
flocculonodular lobe (<i>lobus flocculonodularis</i>)		
primary fissure (<i>fissura prima</i>)		
posterolateral fissure (<i>fissura posterolateralis</i>)		
cerebellar vermis (<i>vermis cerebelli</i>)		
lingula of the cerebellum (<i>lingula</i>)		
nodule of the vermis (<i>nodulus</i>)		
cerebellar tonsil (<i>tonsilla cerebelli</i>)		

g) DISSECTION OF THE DIENCEPHALON

Identify the parts of the *diencephalon* and mark their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
pineal gland (<i>glandula pinealis</i>)		
suprapineal recess (<i>recessus suprapinealis</i>)		
pineal recess (<i>recessus pinealis</i>)		
posterior commissure (<i>commissura posterior</i>)		
lateral geniculate body (<i>corpus geniculatum lat.</i>)		
medial geniculate body (<i>corpus geniculatum med.</i>)		
mammillary body (<i>corpus mamillare</i>)		
infundibulum (<i>infundibulum</i>)		
infundibular recess (<i>recessus infundibuli</i>)		
tuber cinereum (<i>tuber cinereum</i>)		
optic chiasm (<i>chiasma opticum</i>)		
supraoptic recess (<i>recessus supraopticus</i>)		
optic tract (<i>tractus opticus</i>)		
interventricular foramen (<i>foramen interventr.</i>)		
third ventricle (<i>ventriculus tertius</i>)		
interthalamic adhesion (<i>adhesio interthalamica</i>)		
hypothalamic sulcus (<i>sulcus hypothalamicus</i>)		
stria terminalis		
stria medullaris thalami		
lamina affixa		
habenular tiagon (<i>trigonum habenulae</i>)		
habenular commissure (<i>commissura habenularum</i>)		

h) DISSECTION OF THE TELEENCEPHALON

Identify the parts of the *telencephalon* and mark their presence/absence. Note any variations found in the appropriate structures or the reason for the absence of the structure:

	√/x	NOTE
frontal lobe (<i>lobus frontalis</i>)		
parietal lobe (<i>lobus parietalis</i>)		
temporal lobe (<i>lobus temporalis</i>)		
occipital lobe (<i>lobus occipitalis</i>)		
insular lobe (<i>lobus insularis</i>)		
central sulcus (<i>sulcus centralis</i>)		

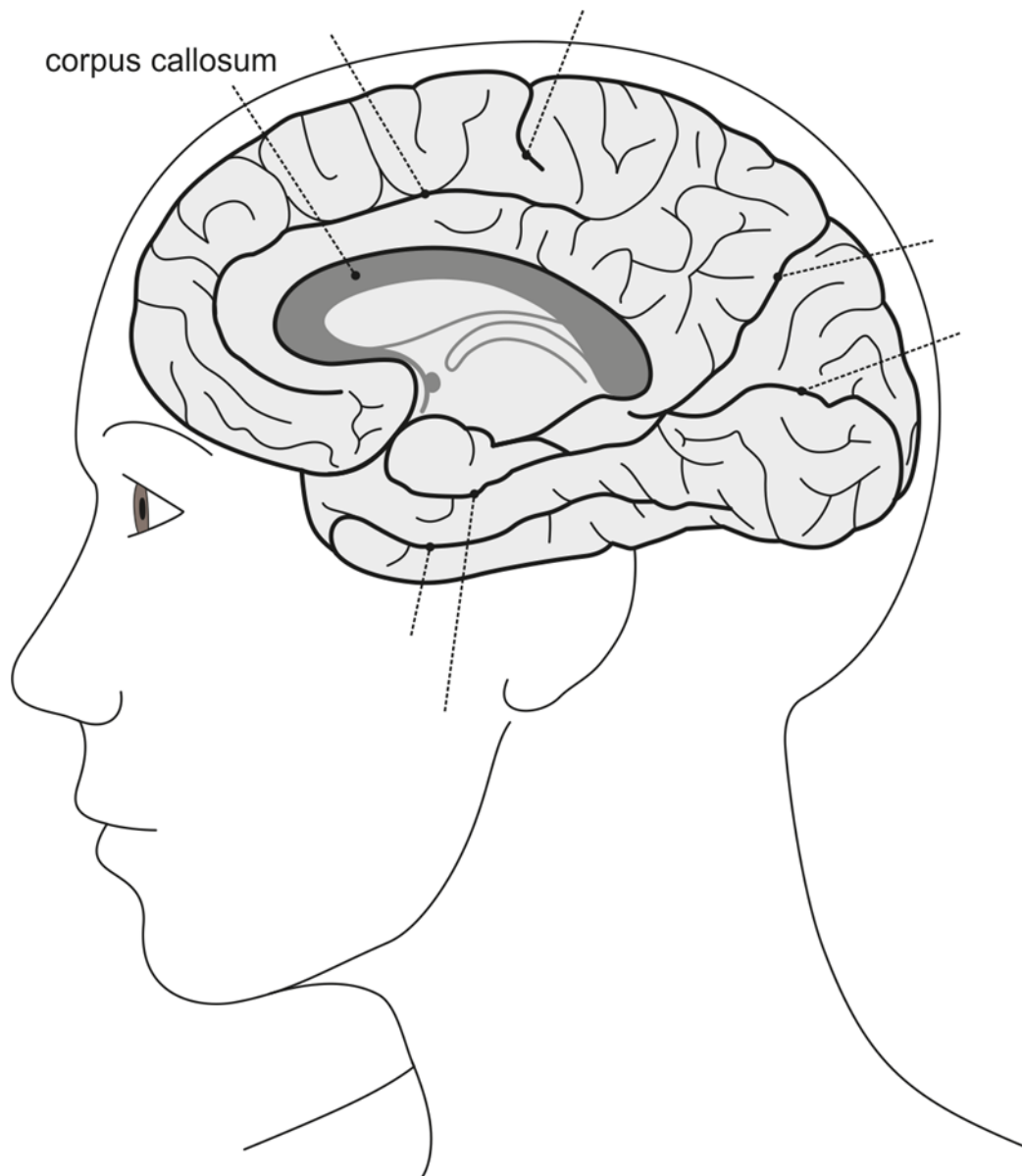
lateral sulcus (<i>sulcus lateralis</i>)		
parietooccipital sulcus (<i>sulcus parietooccipitalis</i>)		
preoccipital notch (<i>incisura praeoccipitalis</i>)		
superior frontal sulcus (<i>sulcus frontalis superior</i>)		
inferior frontal sulcus (<i>sulcus frontalis inferior</i>)		
precentral sulcus (<i>sulcus praecentralis</i>)		
postcentral sulcus (<i>sulcus postcentralis</i>)		
interparietal sulcus (<i>sulcus interparietalis</i>)		
transverse occipital sulcus (<i>sulcus occipitalis trans.</i>)		
superior temporal sulcus (<i>sulcus temporalis sup.</i>)		
inferior temporal sulcus (<i>sulcus temporalis inferior</i>)		
superior frontal gyrus (<i>gyrus frontalis superior</i>)		
middle frontal gyrus (<i>gyrus frontalis medius</i>)		
inferior frontal gyrus (<i>gyrus frontalis inferior</i>)		
precentral gyrus (<i>gyrus praecentralis</i>)		
postcentral gyrus (<i>gyrus postcentralis</i>)		
superior temporal gyrus (<i>gyrus temporalis superior</i>)		
middle temporal gyrus (<i>gyrus temporalis medius</i>)		
inferior temporal gyrus (<i>gyrus temporalis inferior</i>)		
supramarginal gyrus (<i>gyrus supramarginalis</i>)		
angular gyrus (<i>gyrus angularis</i>)		
superior parietal lobule (<i>lobulus parietalis superior</i>)		
inferior parietal lobule (<i>lobulus parietalis inferior</i>)		
superior occipital and lateral gyri (<i>gyri occipitales superiores et laterales</i>)		
olfactory sulcus (<i>sulcus olfactorius</i>)		
hippocampal sulcus (<i>sulcus hippocampi</i>)		
collateral sulcus (<i>sulcus collateralis</i>)		
occipitotemporal sulcus (<i>sulcus occipitotemporalis</i>)		
calcarine sulcus (<i>sulcus calcarinus</i>)		
straight gyrus (<i>gyrus rectus</i>)		
orbital gyri (<i>gyri orbitales</i>)		
parahippocampal gyrus (<i>gyrus parahippocampalis</i>)		
the uncus (<i>uncus</i>)		
lateral occipitotemporal gyrus (<i>gyrus occipitotemporalis lateralis</i>)		
medial occipitotemporal gyrus (<i>gyrus occipitotemporalis medialis</i>)		
sulcus of the corpus callosum (<i>sulcus corporis callosi</i>)		

cingulate sulcus (<i>sulcus cinguli</i>)		
calcarine sulcus (<i>sulcus calcarinus</i>)		
paracentral lobule (<i>lobulus paracentralis</i>)		
the precuneus (<i>precuneus</i>)		
the cuneus (<i>cuneus</i>)		
paraterminal gyrus (<i>gyrus paraterminalis</i>)		
subcallosal area (<i>area subcallosa</i>)		
the corpus callosum (<i>corpus callosum</i>)		
the septum pellucidum (<i>septum pellucidum</i>)		

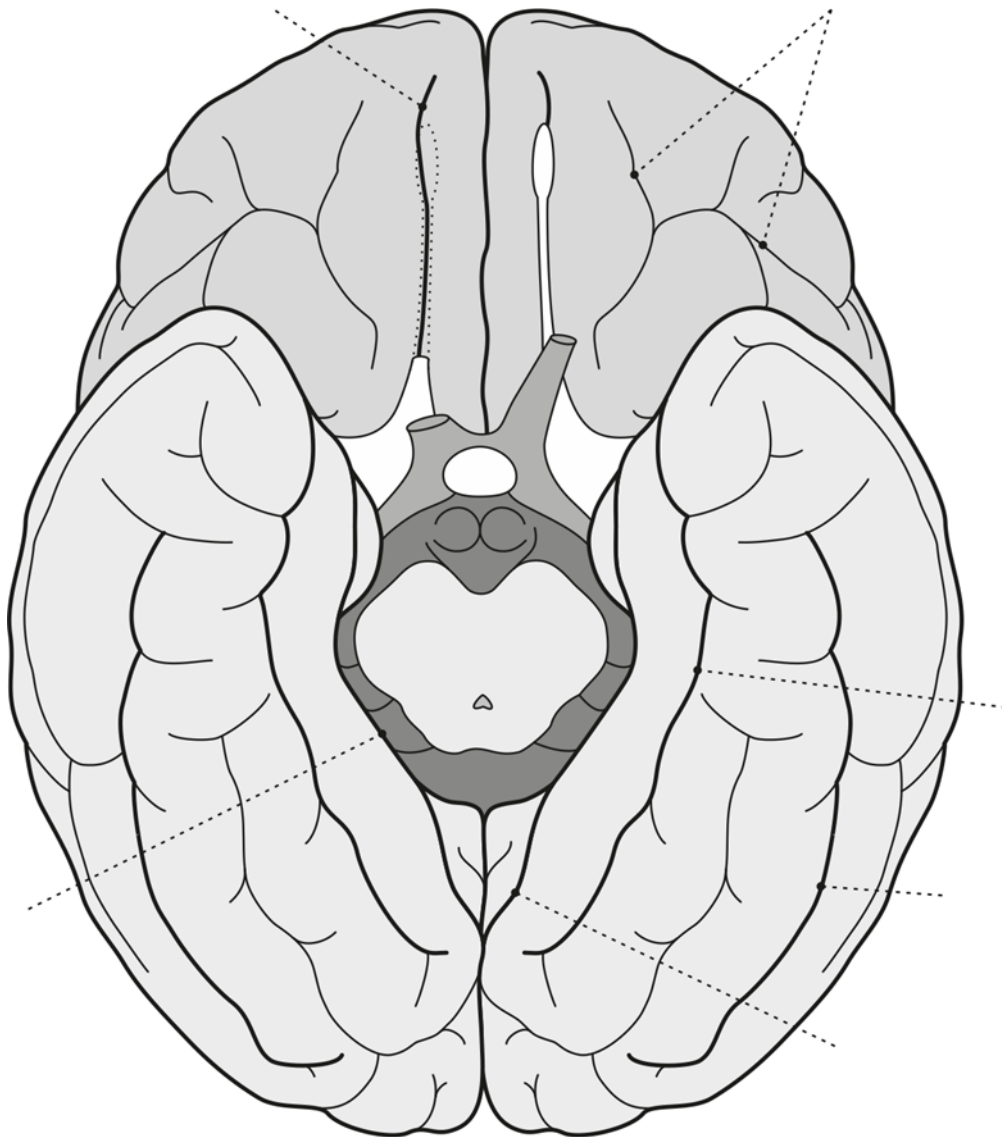
i) NAME THE MARKED GROOVES IN THE SCHEMATIC DRAWING OF THE SUPEROLATERAL SURFACE OF THE CEREBRAL HEMISPHERE (*FACIES SUPEROLATERALIS CEREBRI*):



j) NAME THE MARKED GROOVES IN THE SCHEMATIC DRAWING OF THE MEDIAL SURFACE OF THE CEREBRAL HEMISPHERE (*FACIES MEDIALIS CEREBRI*):



k) NAME THE MARKED GROOVES OF THE INFERIOR SURFACE OF THE CEREBRAL HEMISPHERES (*FACIES INFERIOR CEREBRI*):



3) THE MOST COMMONLY OBSERVED VARIATIONS IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
hypoplasia of the posterior communicating artery (<i>arteria communicans posterior</i>)	
posterior cerebral artery (<i>arteria cerebri posterior</i>) is a branch of the internal carotid artery (<i>arteria carotis interna</i>)	
hypoplasia/absence of the anterior cerebral artery (<i>arteria cerebri anterior</i>)	
absent anterior communicating artery (<i>arteria communicans anterior</i>)	
duplication of the vertebral artery (<i>arteria vertebralis</i>)	

4) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

8.8. PHARYNX – SECTIONING PHARYNX

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
superior pharyngeal constrictor					
middle pharyngeal constrictor					
inferior pharyngeal constrictor					
stylopharyngeus muscle					
palatopharyngeus muscle					
salpingopharyngeus muscle					
palatoglossus muscle					
muscle of the uvula					
levator veli palatini muscle					
tensor veli palatini muscle					

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
internal carotid artery (<i>a. carotis interna</i>)				
external carotid artery (<i>a. carotis externa</i>)				
ascending pharyngeal artery (<i>a. pharyngea ascendens</i>)				

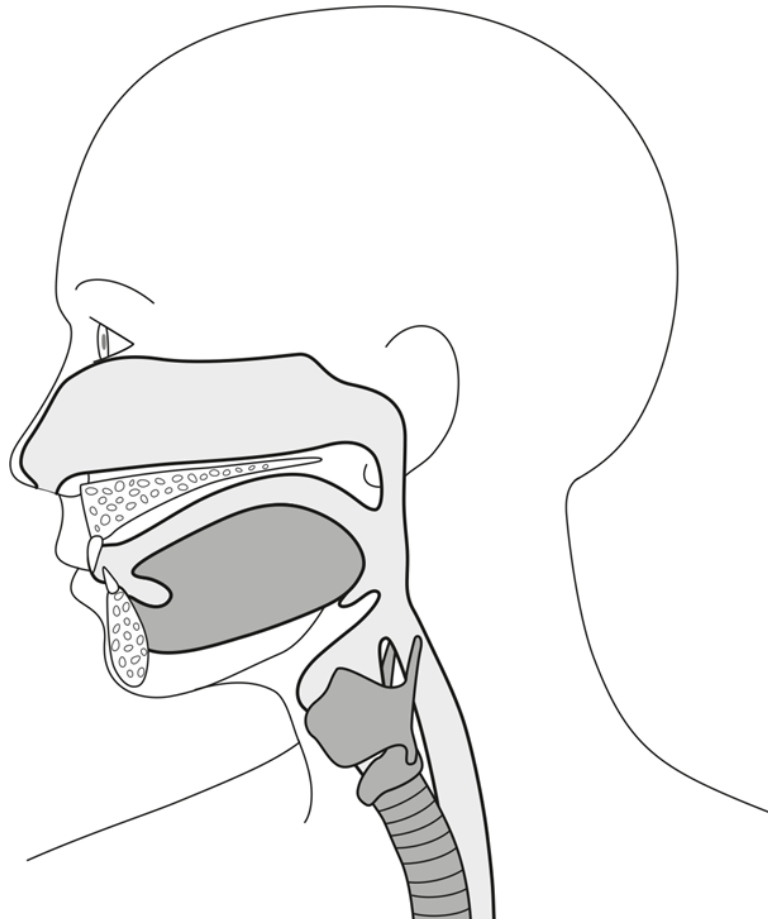
3) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation.

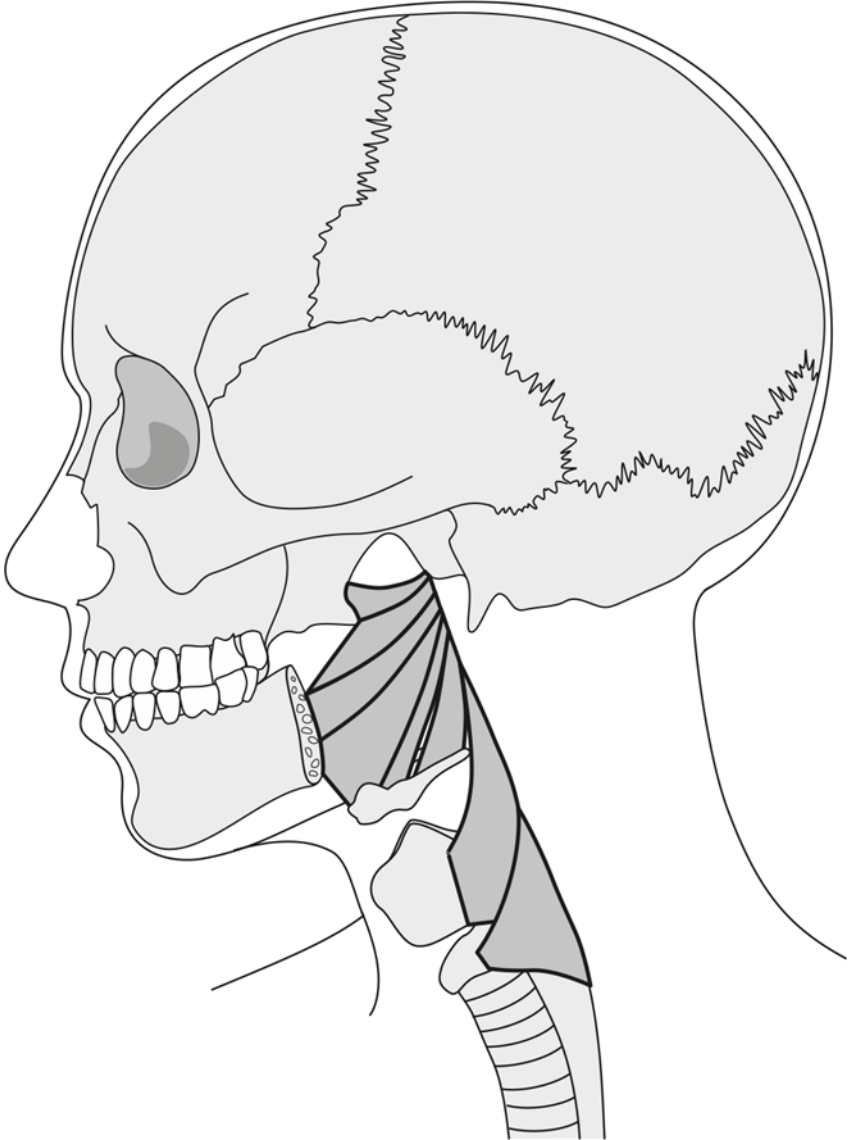
Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
glossopharyngeal nerve (<i>n. glossopharyngeus</i>)				
vagus nerve (<i>n. vagus</i>)				
accessory nerve (<i>n. accessorius</i>)				
hypoglossal nerve (<i>n. hypoglossus</i>)				
sympathetic trunk and the superior cervical ganglion (<i>truncus sympathicus et ganglion cervicale superius</i>)				

- 4) LABEL THE MAIN PARTS OF THE PHARYNX INTO THE SCHEMATIC DRAWING. DRAW AND LABEL THE SCHEMATIC DRAWING OF THE PHARYNGEAL OPENING OF THE AUDITORY TUBE (*OSTIUM PHARYNGEUM TUBAE AUDITIVAE*), DESCRIBE ITS BORDERS. DRAW AND LABEL THE PARTS OF THE NASAL SEPTUM:

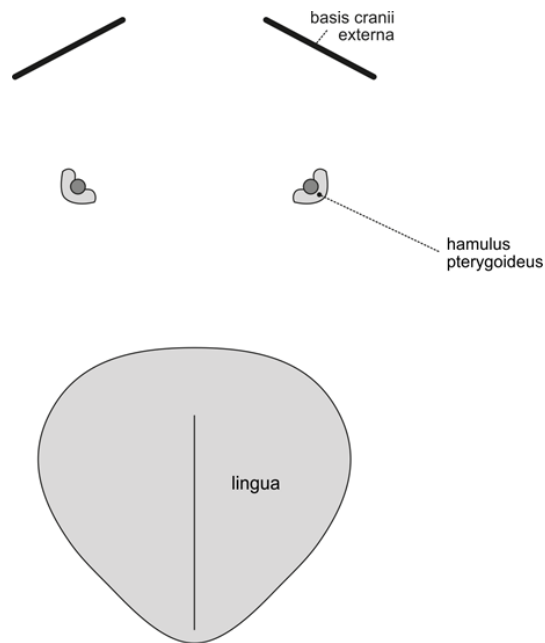


5) LABEL ALL THE PARTS OF THE PHARYNGEAL CONSTRICTORS INTO THE SCHEMATIC DRAWING:

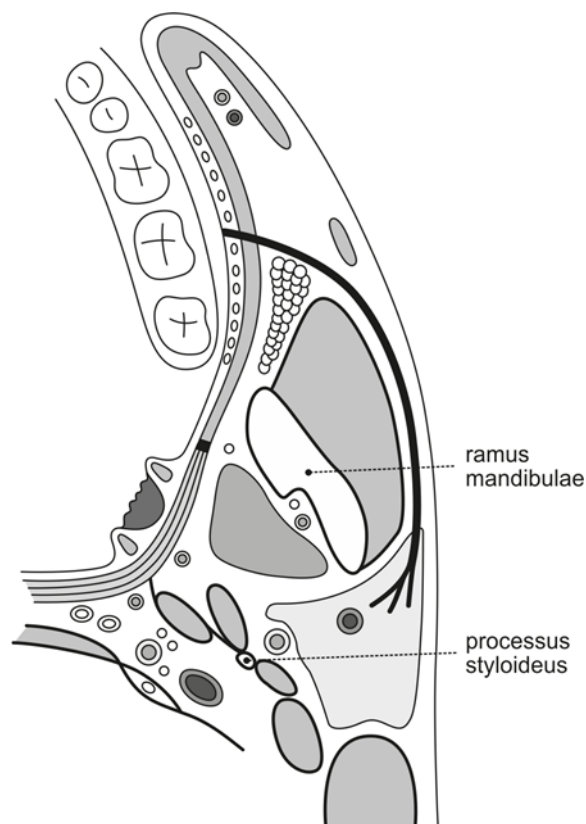


6) DRAW AND LABEL THE WALDEYER'S LYMPHATIC RING:

7) DRAW AND LABEL THE MUSCLES OF THE SOFT PALATE (*MUSCULI PALATI*) INTO THE SCHEMATIC DRAWING



8) LABEL THE STRUCTURES FORMING THE SYLOID SEPTUM AND THE STRUCTURES FOUND IN THE PRESTYLOID AND RETROSTYLOID SPACE (*SPATIUM PRESTYLOIDEUM ET RETROSTYLOIDEUM*) INTO THE SCHEMATIC DRAWING:



9) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
absent superior/middle/inferior pharyngeal raphe (<i>raphe pharyngis sup./med./inf.</i>)	
glossopharyngeal nerve (<i>n. glossopharyngeus</i>) pierces through the stylopharyngeus muscle	
branching of the ascending pharyngeal artery (<i>a. pharyngea ascendens</i>) from the occipital artery (<i>a. occipitalis</i>)	
communication of the sympathetic trunk (<i>truncus sympathicus</i>) with the right/left recurrent laryngeal nerve or phrenic nerve (<i>n. laryngeus recurrens dx./n. phrenicus</i>)	

10) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

8.9. ORBIT (*ORBITA*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
levator palpebrae superioris muscle					
superior oblique muscle					
superior rectus muscle					
lateral rectus muscle					
medial rectus muscle					
inferior oblique muscle					
inferior rectus muscle					

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
ophthalmic artery (<i>a. ophthalmica</i>)				

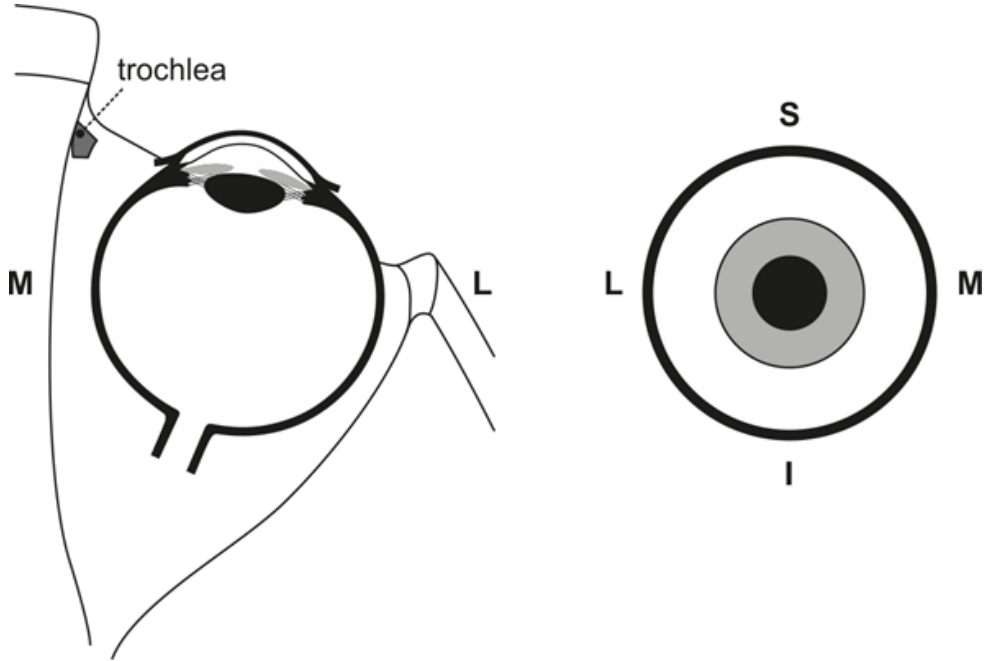
3) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

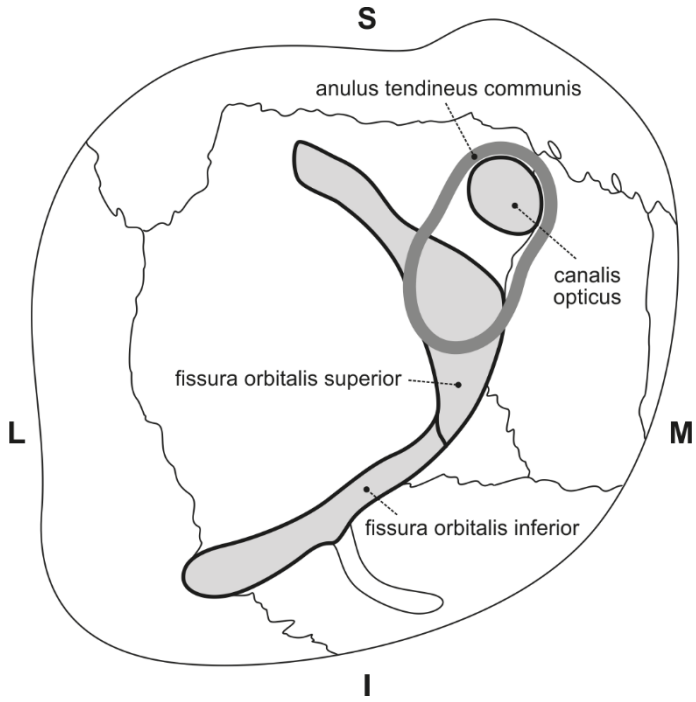
	√/x	COURSE	AREA OF INNERVATION	NOTE
optic nerve (<i>n. opticus</i>)				
oculomotor nerve (<i>n. oculomotorius</i>)				
trochlear nerve (<i>n. trochlearis</i>)				
frontal nerve (<i>n. frontalis</i>)				

abducent nerve (<i>n. abducens</i>)				
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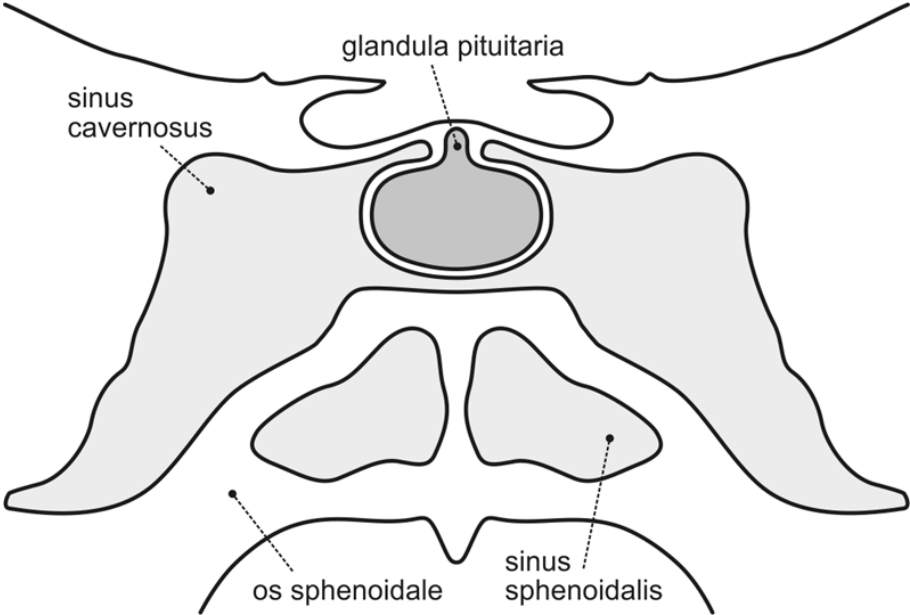
4) DRAW AND LABEL OCULOMOTOR MUSCLES AND THEIR INSERTION SITES:



5) DRAW AND LABEL STRUCTURES PASSING THROUGH THE OPTIC CANAL (CANALIS OPTICUS), SUPERIOR AND INFERIOR ORBITAL FISSURE (FISSURA ORBITALIS SUPERIOR ET INFERIOR):



6) DRAW AND LABEL THE STRUCTURES PASSING THROUGH THE CAVERNOUS SINUS (*SINUS CAVERNOSUS*):



7) FILL IN THE TABLE WITH THE STRUCTURES FORMING THE BORDER AND CONTENT OF EACH OF THE LEVELS OF THE RETROBULBAR ORBITAL SPACE:

	UPPER LEVEL	MIDDLE LEVEL	LOWER LEVEL
BORDER			
CONTENT			
NERVE			
BLOOD VESSEL			
MUSCLE			

8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	√/x
retractor bulbi muscle	
double-layered lacrimal gland (<i>glandula lacrimalis</i>)	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

8.10. SUBLINGUAL REGION (*REGIO SUBLINGUALIS*)

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
geniohyoid muscle					
mylohyoid muscle					

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
lingual artery (<i>a. lingualis</i>)				
sublingual artery (<i>a. sublingualis</i>)				

3) NERVES:

Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

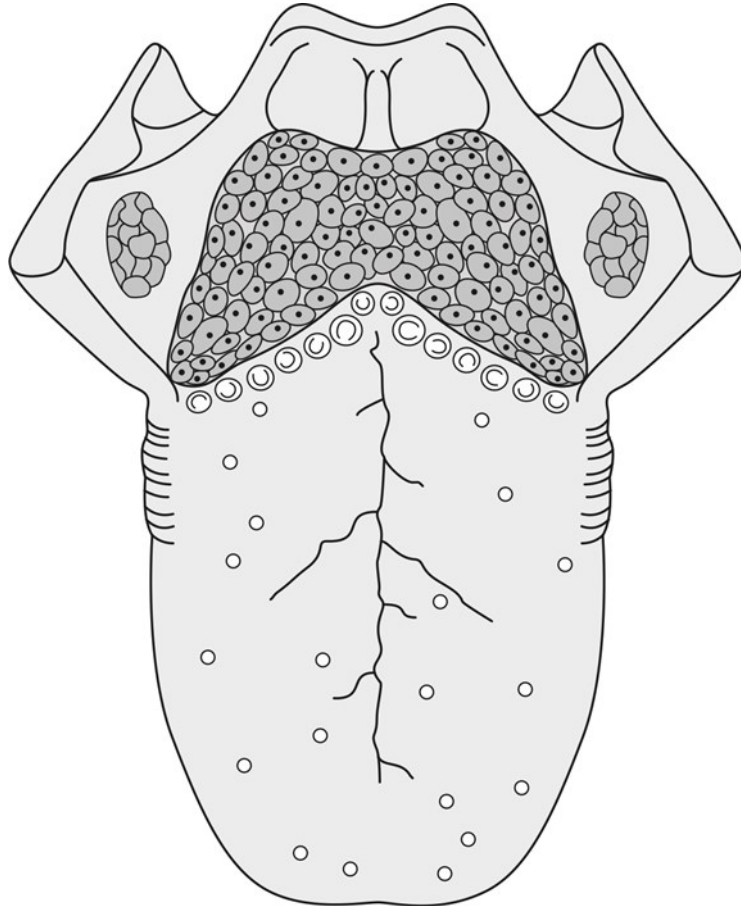
	√/x	COURSE	AREA OF INNERVATION	NOTE
lingual nerve (<i>n. lingualis</i>)				
hypoglossal nerve (<i>n. hypoglossus</i>)				

4) OTHER STRUCTURES

Identify the structures, mark their presence/absence and course. Note any variations found in the appropriate structures or the reason for the structure's absence:

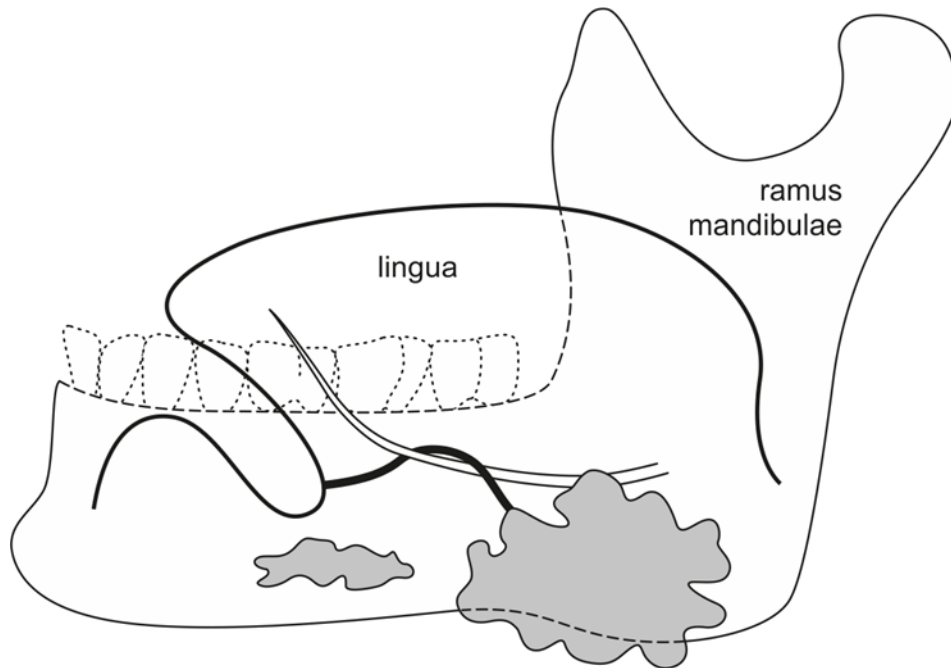
	√/x	COURSE	NOTE
submandibular duct (<i>ductus submandibularis</i>)			
sublingual gland (<i>glandula sublingualis</i>)			
major sublingual duct (<i>ductus sublingualis major</i>)			

5) LABEL THE SCHEMATIC DRAWING OF THE TONGUE:



6) DESCRIBE THE BORDERS OF THE SUBLINGUAL REGION (*REGIO SUBLINGUALIS*):

7) LABEL THE LINGUAL NERVE (*N. LINGUALIS*), SUBMANDIBULAR DUCT (*DUCTUS SUBMANDIBULARIS*), SUBMANDIBULAR AND SUBLINGUAL GLAND (*GL. SUBMANDIBULARIS ET SUBLINGUALIS*) INTO THE SCHEMATIC DRAWING. DRAW AND LABEL THE DUCTS LEADING SALIVA FROM THE SUBLINGUAL GLAND (*GL. SUBLINGUALIS*):



8) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
passage of the hypoglossal nerve (<i>n. hypoglossus</i>) caudally under the lingual artery (<i>a. lingualis</i>)	
separate opening for the major sublingual duct (<i>ductus sublingualis major</i>)	
absent major sublingual duct (<i>ductus sublingualis major</i>)	

9) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

8.11. LARYNX

SPECIMEN IDENTIFICATION	
Specimen number:	side: right/left (<i>dx/sin</i>)

1) MUSCLES

Identify the muscles, mark their presence/absence, include their innervation, origin, and insertion. Note any variations found in the appropriate muscles or the reason for the absence of the muscle:

	√/x	INNERVATION	ORIGIN	INSERTION	NOTE
posterior cricoarytenoid muscle					
lateral cricoarytenoid muscle					
oblique arytenoid muscle					
transverse arytenoid muscle					
cricothyroid muscle					
thyroarytenoid muscle					
vocalis muscle					
thyroepiglottic muscle					
aryepiglottic muscle					

2) ARTERIES

Identify the arteries, mark their presence/absence, course, and include their area of supply. Note any variations found in the appropriate arteries (e.g., unusual branching) or the reason for the absence of the artery:

	√/x	COURSE	AREA OF SUPPLY	NOTE
superior laryngeal artery (<i>a. laryngea superior</i>)				
inferior laryngeal artery (<i>a. laryngea inferior</i>)				

3) NERVES:

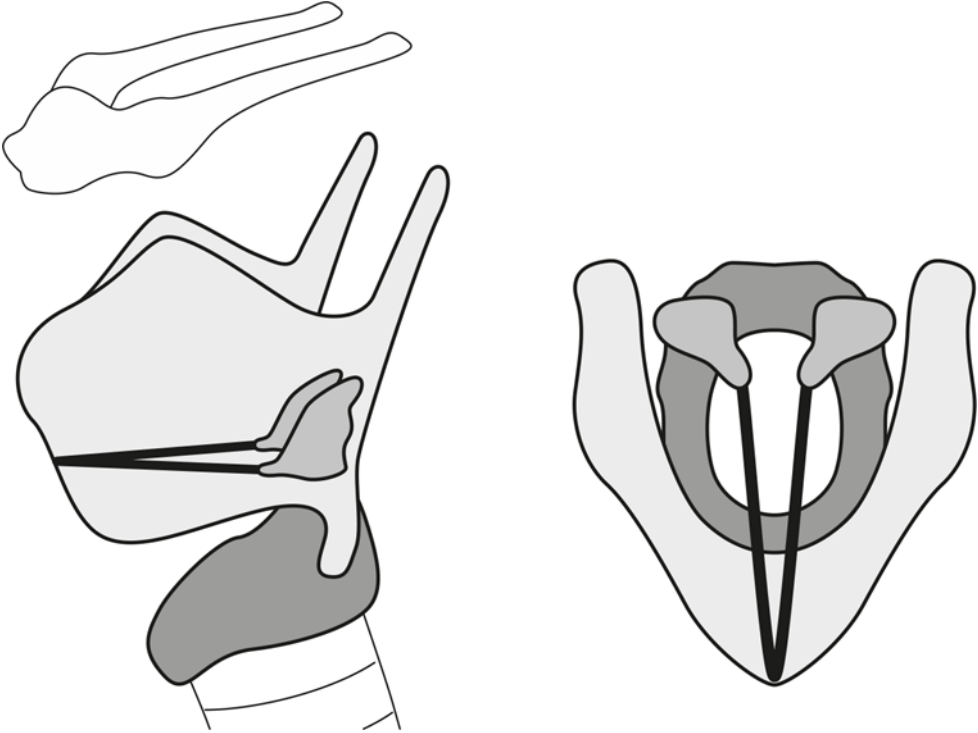
Identify the nerves, mark their presence/absence, course, and include their area of innervation. Note any variations found in the appropriate nerves or the reason for the absence of the nerve:

	√/x	COURSE	AREA OF INNERVATION	NOTE
superior laryngeal nerve (<i>n. laryngeus superior</i>)				

inferior laryngeal nerve (<i>n. laryngeus inferior</i>)				
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4) DRAW AND LABEL A SCHEMATIC DRAWING OF *RIMA GLOTTIDIS* (THE POSITION OF VOCAL LIGAMENTS AND ARYTHENOID CARTILAGE) DURING RESPIRATION AND PHONATION:

5) DRAW AND LABEL THE MUSCLES OF THE LARYNX INTO THE SCHEMATIC DRAWING AND INCLUDE THE MUSCLE FUNCTIONS:



6) VARIATIONS MOST COMMONLY FOUND IN THIS AREA:

Mark the presence/absence of each of the appropriate variations:

	✓/x
levator glandulae thyroideae muscle	
thyreotracheal muscle	
cricoepiglottic muscle	
branching of the superior laryngeal artery (<i>a. laryngea superior</i>) from the external carotid artery (<i>a. carotis externa</i>)	
superior laryngeal artery (<i>a. laryngea superior</i>) entering the larynx through the thyroid foramen (<i>foramen thyroideum</i>) / between the thyroid and cricoid cartilage (<i>cartilago thyroidea et cricoidea</i>)	
absence of the Galen's anastomosis	
presence of the thyroid foramen (<i>foramen thyroideum</i>)	
communication of the superior horns of the thyroid cartilage (<i>cornua thyroidea superiora</i>) with the hyoid bone (<i>os hyoideum</i>)	
cartilaginous connection of the cricoid cartilage (<i>cartilago cricoidea</i>) with the tracheal cartilage(s)	
bifid epiglottis (<i>epiglottis</i>)	
pyramidal lobe (<i>lobus pyramidalis</i>)	

7) DESCRIBE AND DRAW ANY OTHER VARIATIONS IDENTIFIED IN THIS AREA:

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