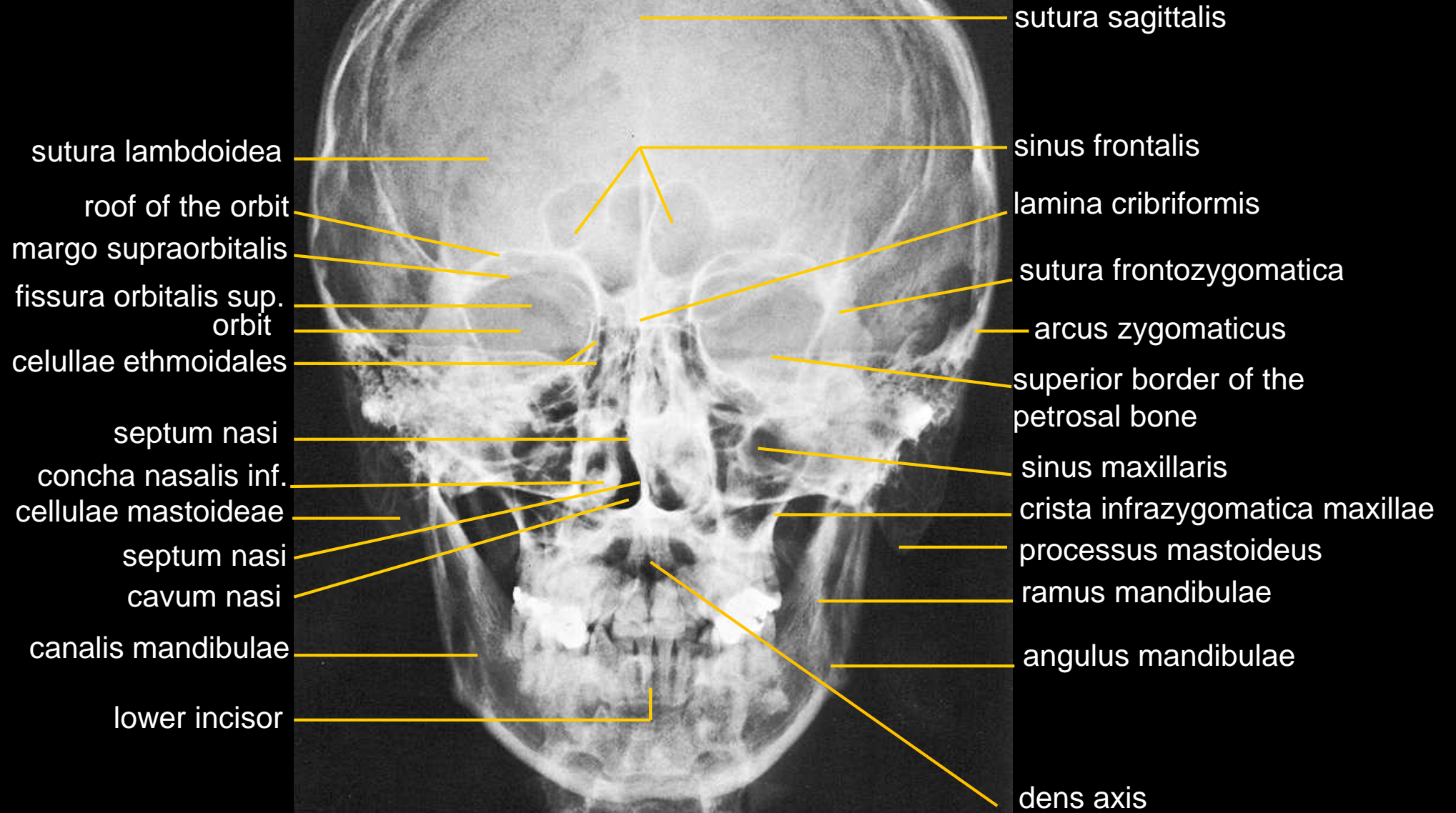
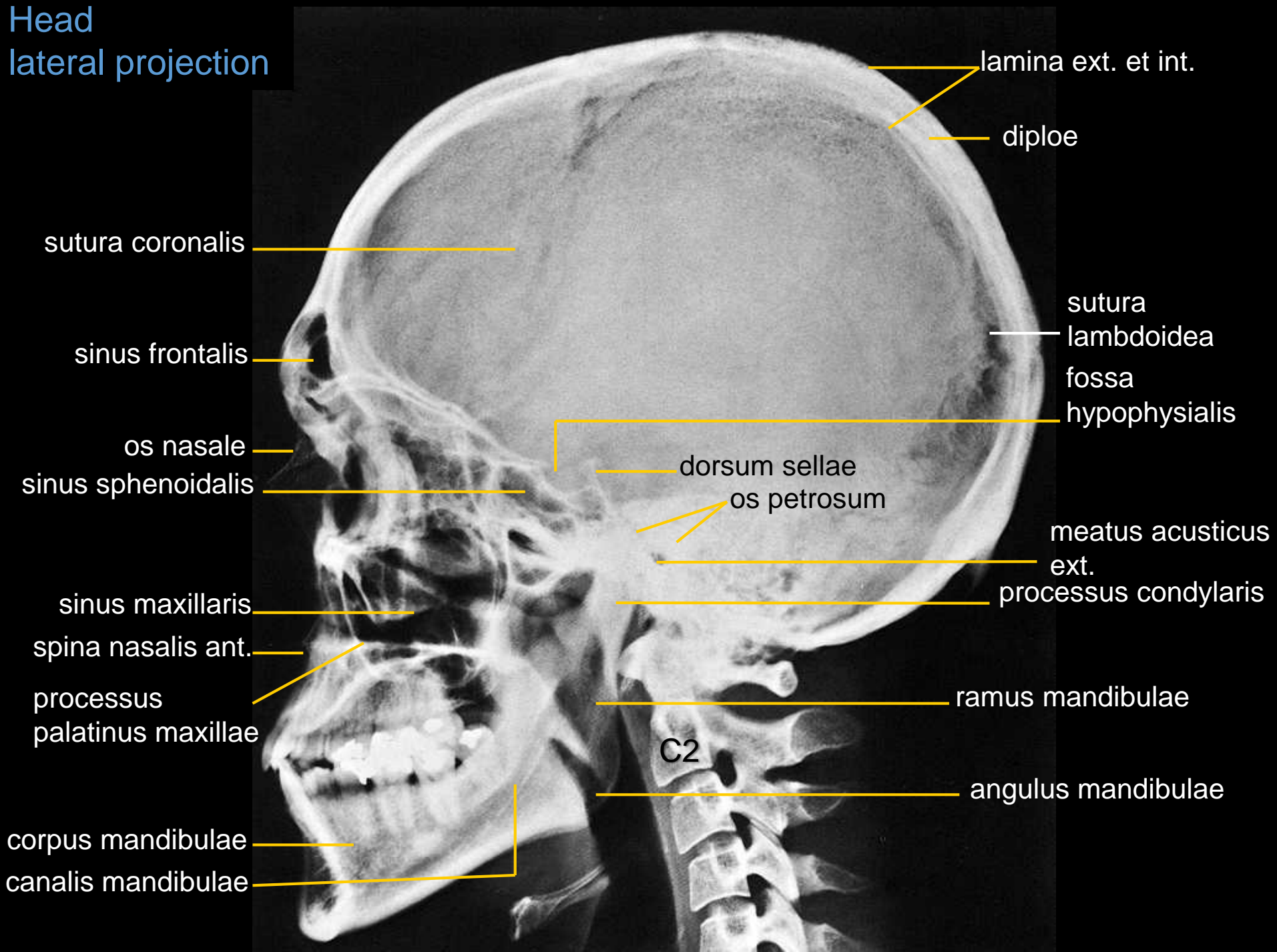


# X-RAYS WITH DESCRIPTION

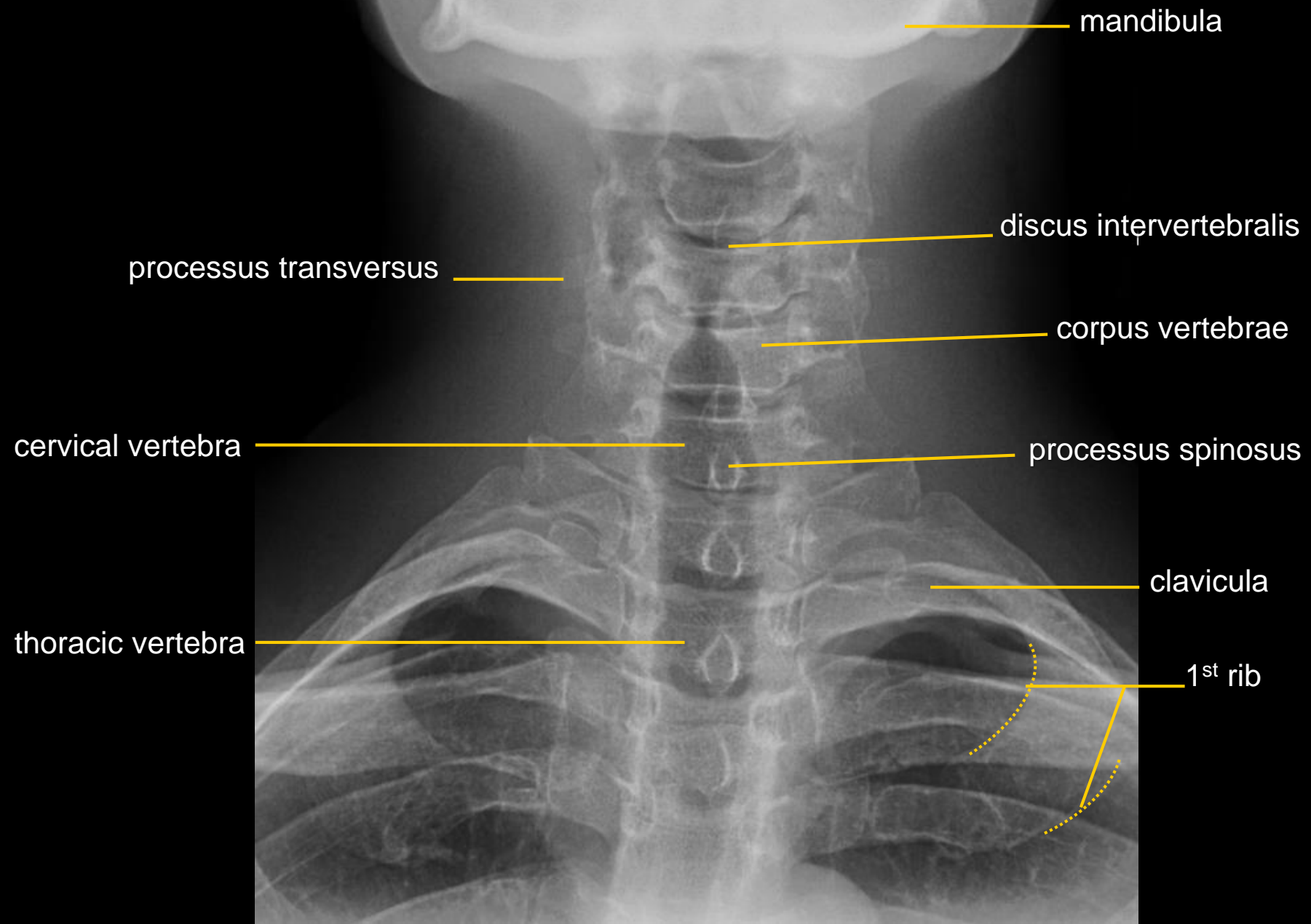
Head  
sagittal projection



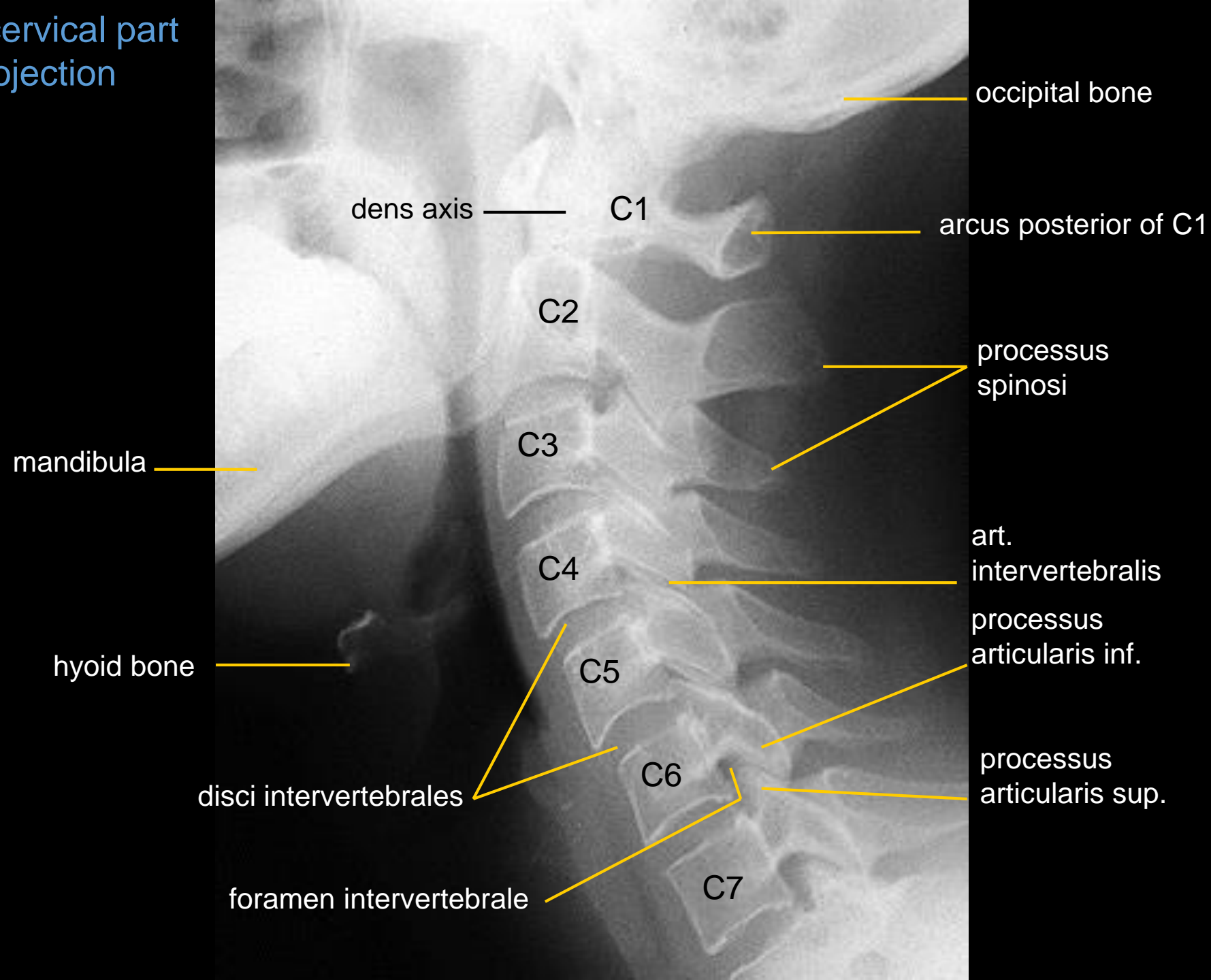
Head  
lateral projection



Spine – cervical part  
sagittal projection



Spine – cervical part  
lateral projection



dens axis — C1

occipital bone

arcus posterior of C1

C2

processus spinosi

mandibula

C3

art. intervertebralis

C4

processus articularis inf.

hyoid bone

C5

processus articularis sup.

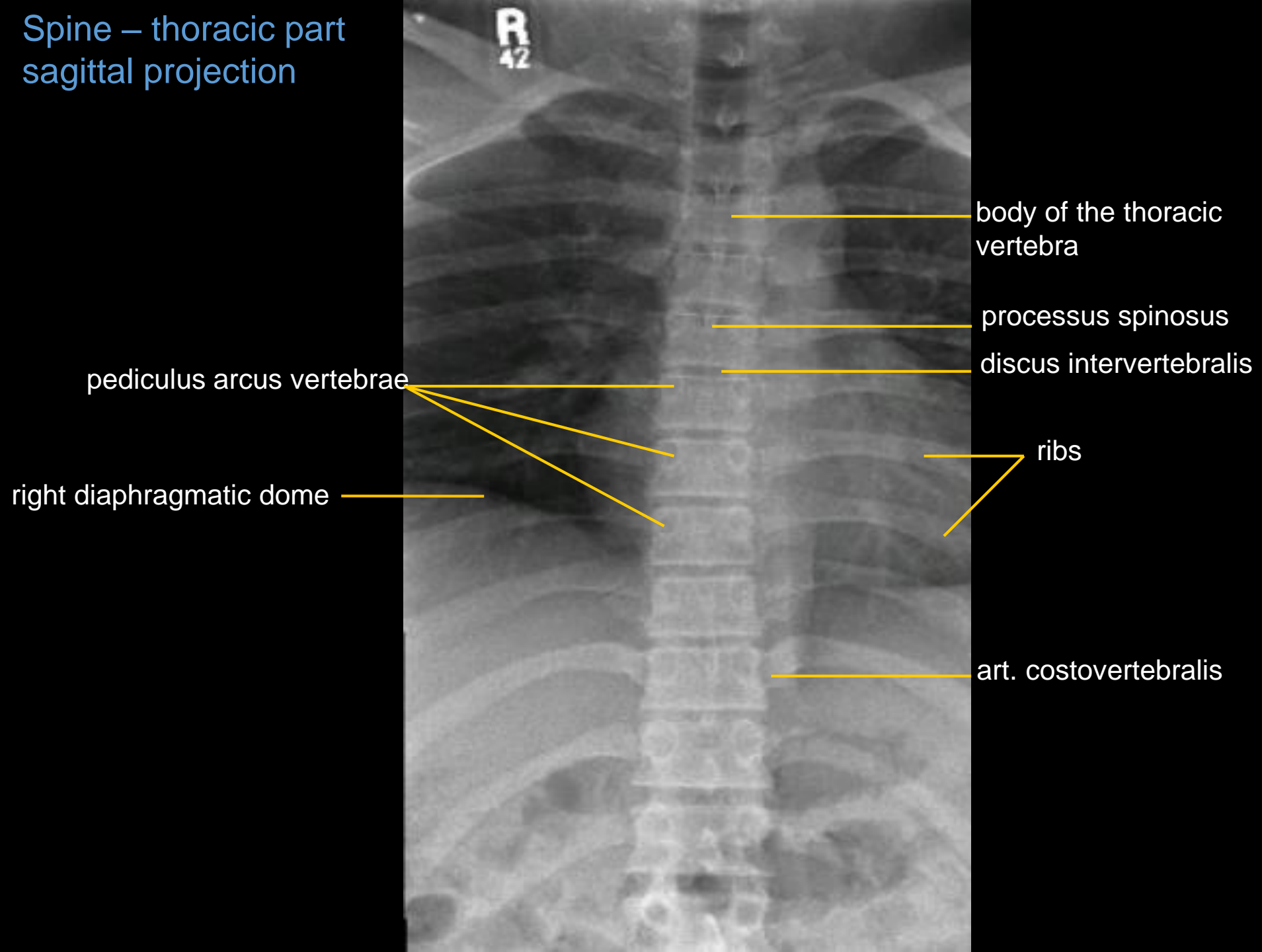
disci intervertebrales

C6

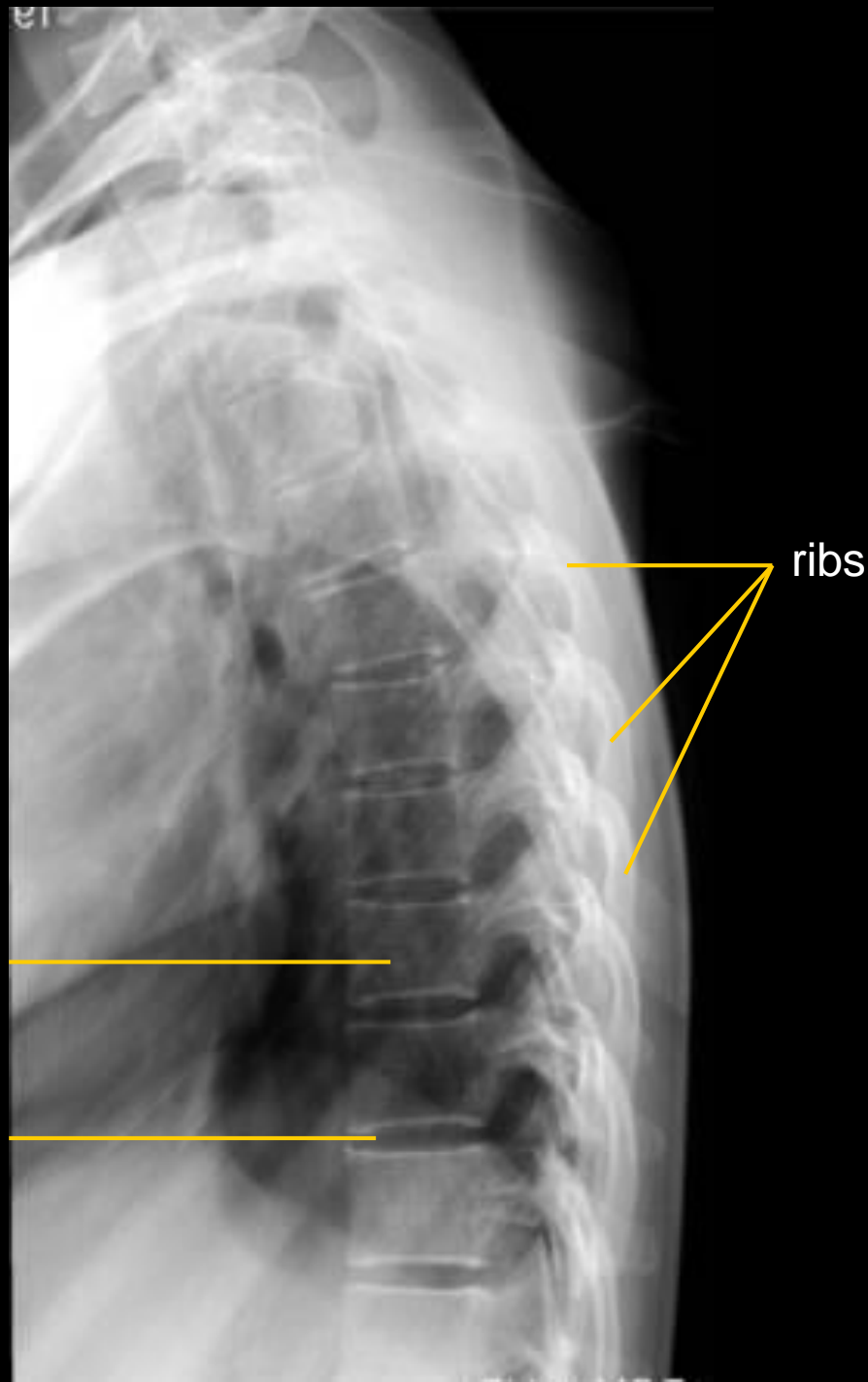
foramen intervertebrale

C7

Spine – thoracic part  
sagittal projection



Spine – thoracic part  
lateral projection

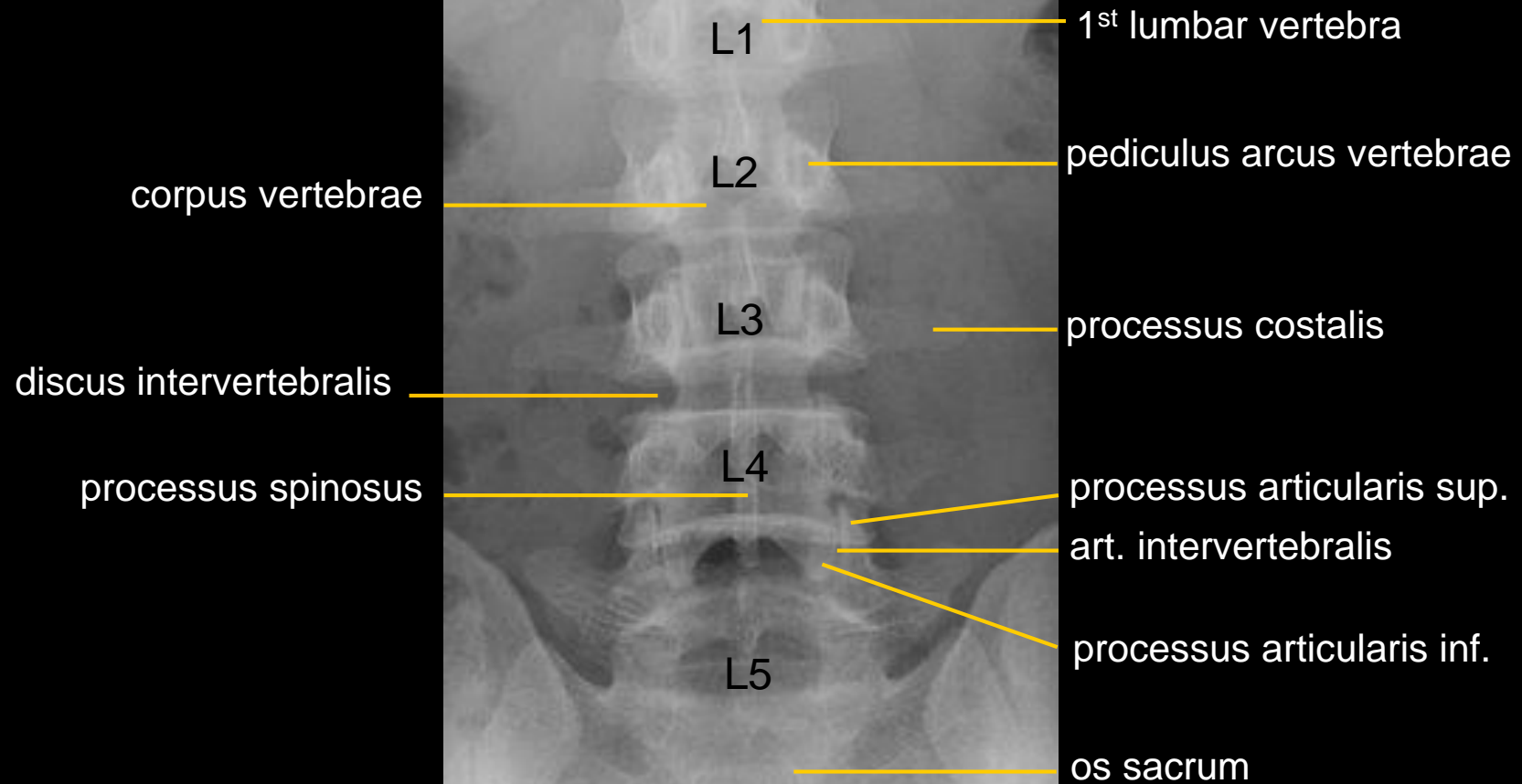


ribs

body of the thoracic  
vertebra

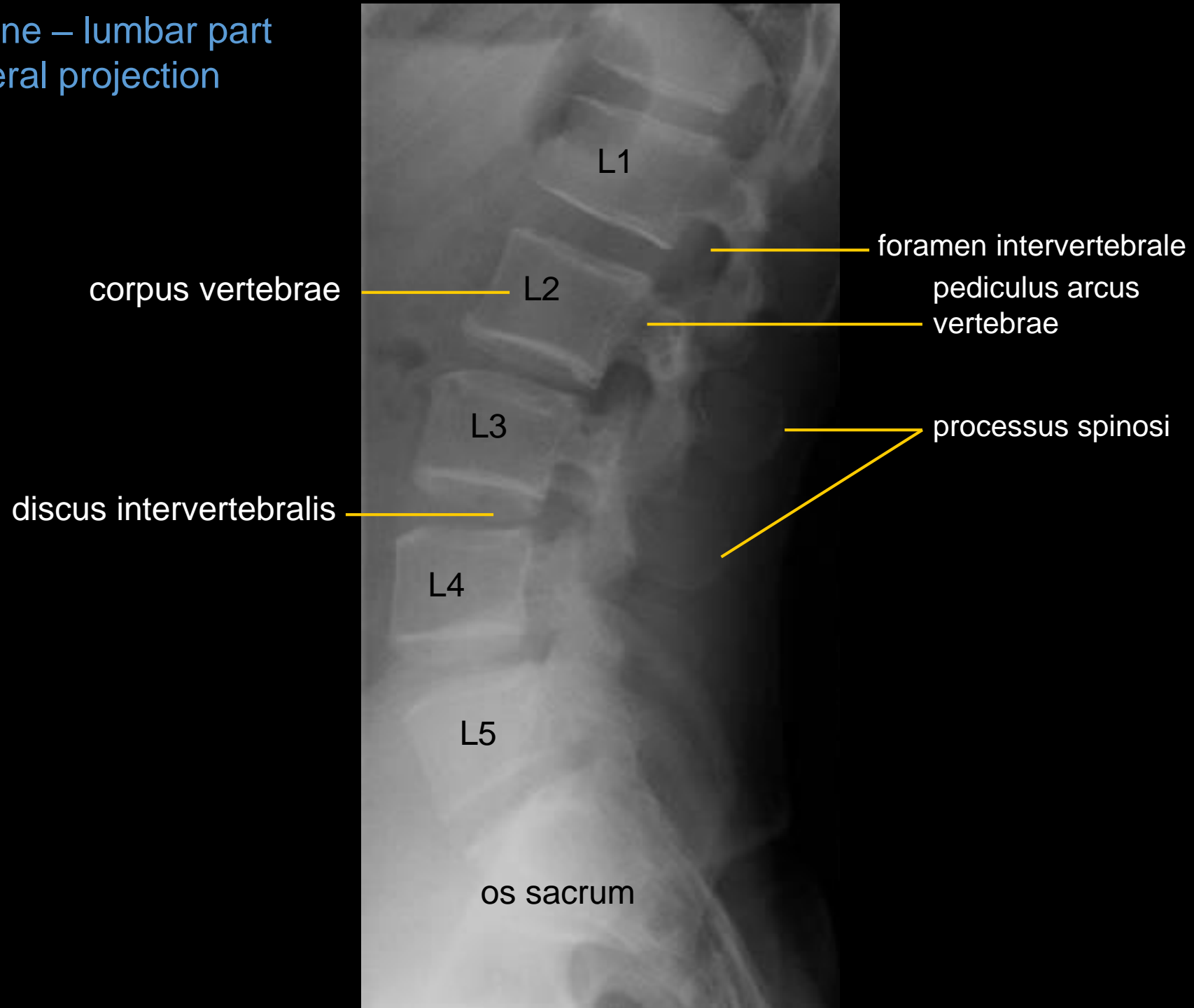
discus intervertebralis

# Spine – lumbar part sagittal projection

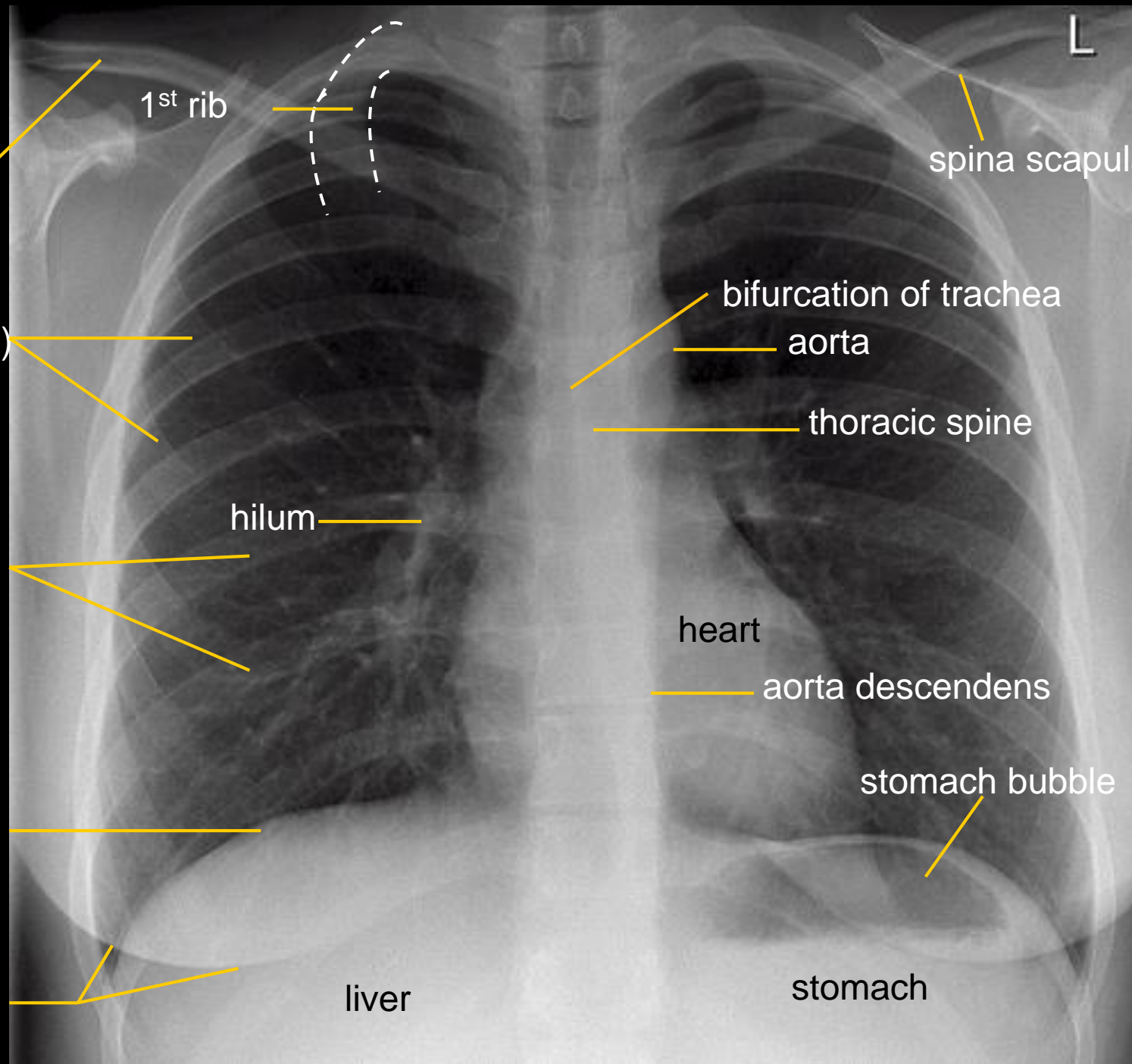




Spine – lumbar part  
lateral projection



Thorax – sagittal  
projection



1<sup>st</sup> rib

L

spina scapulae

clavicle

ribs  
(ventral parts)

bifurcation of trachea

aorta

thoracic spine

ribs (dorsal  
parts)

hilum

heart

aorta descendens

diaphragm

stomach bubble

border of the breast

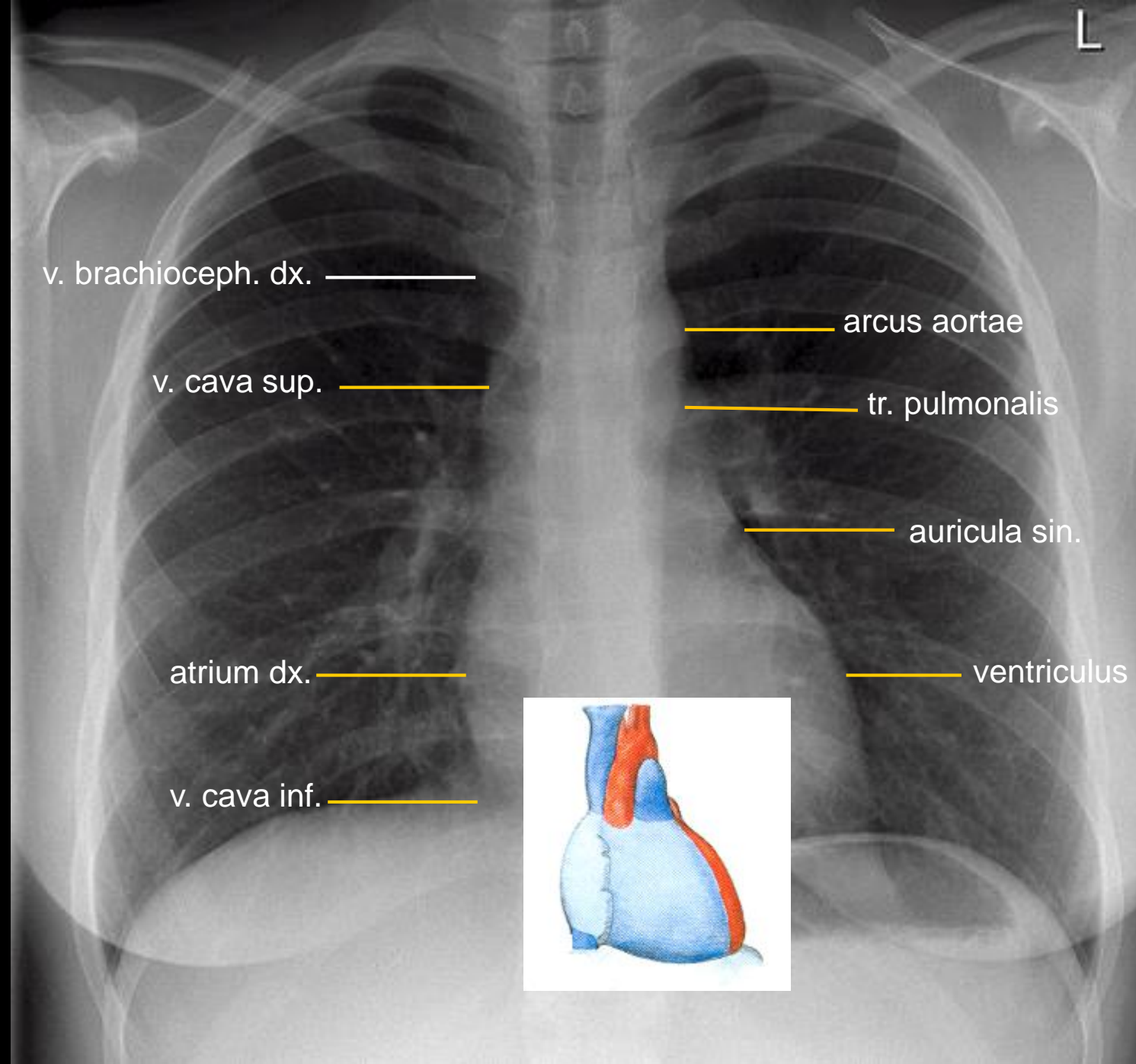
liver

stomach

# Thorax – sagittal

## projection

(heart shadow)



v. brachioceph. dx. \_\_\_\_\_

v. cava sup. \_\_\_\_\_

atrium dx. \_\_\_\_\_

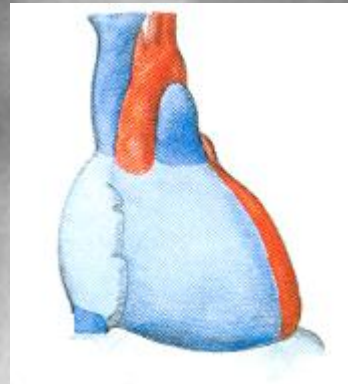
v. cava inf. \_\_\_\_\_

\_\_\_\_\_ arcus aortae

\_\_\_\_\_ tr. pulmonalis

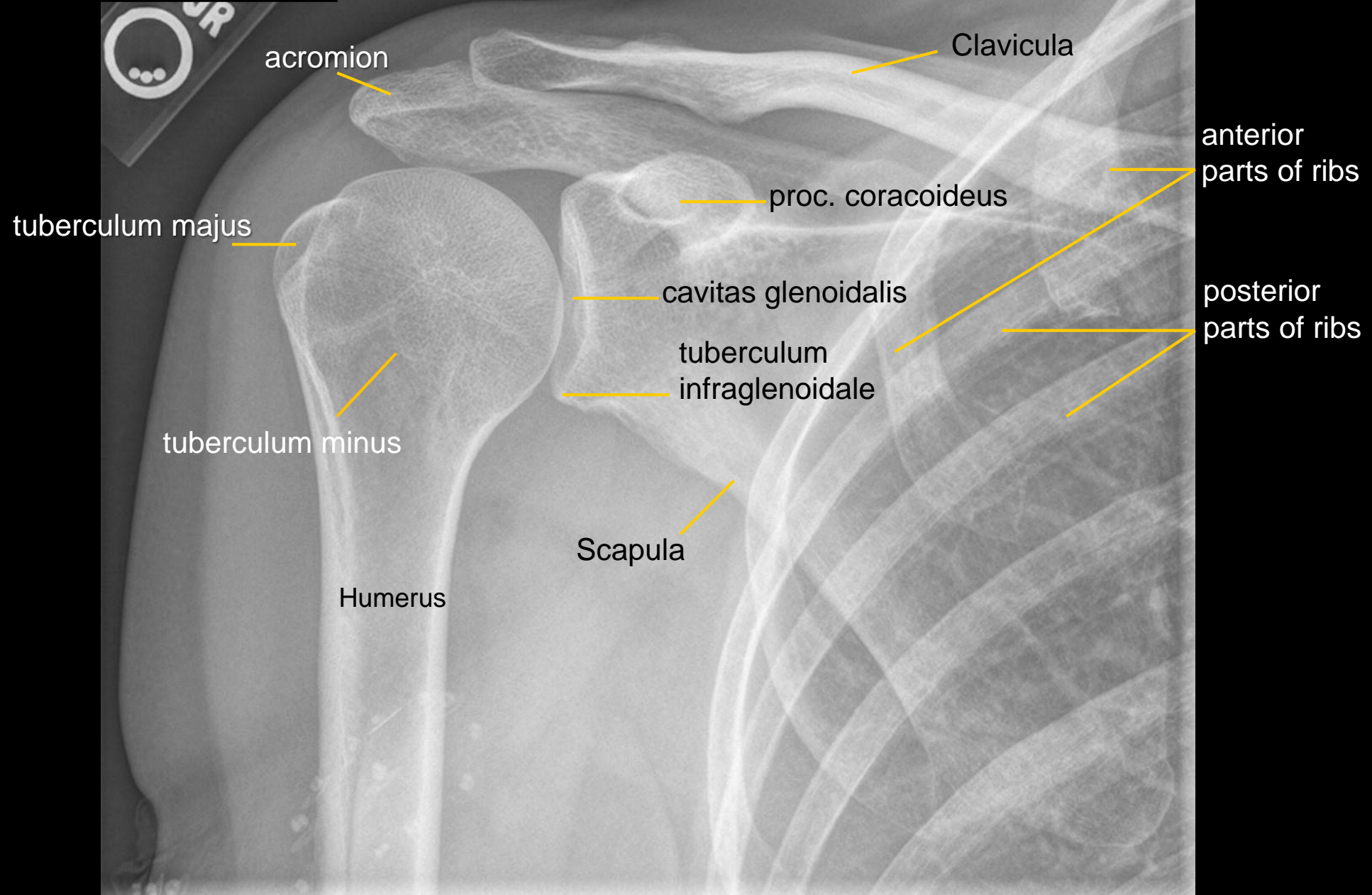
\_\_\_\_\_ auricula sin.

\_\_\_\_\_ ventriculus sin.



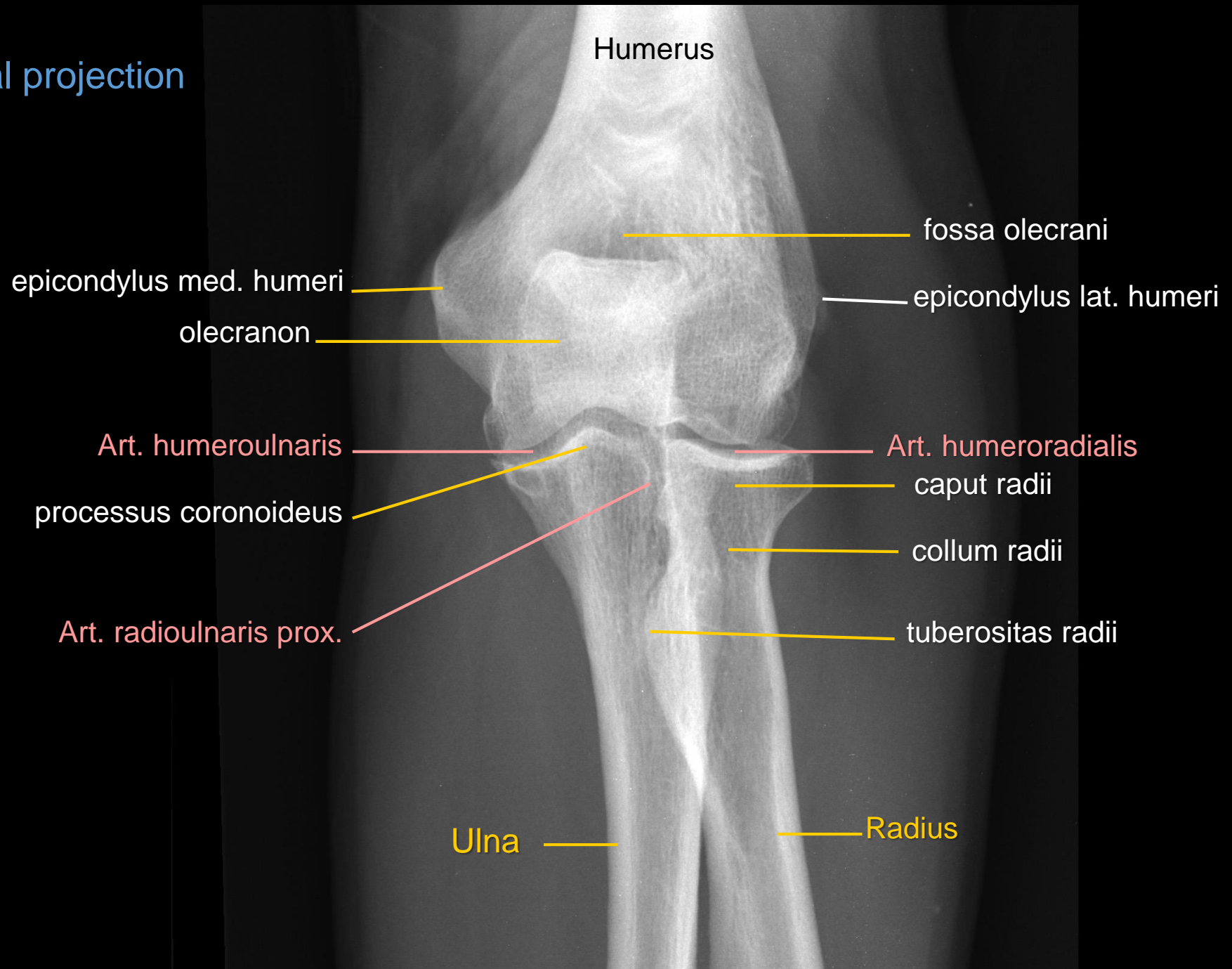
# Shoulder

## sagittal projection



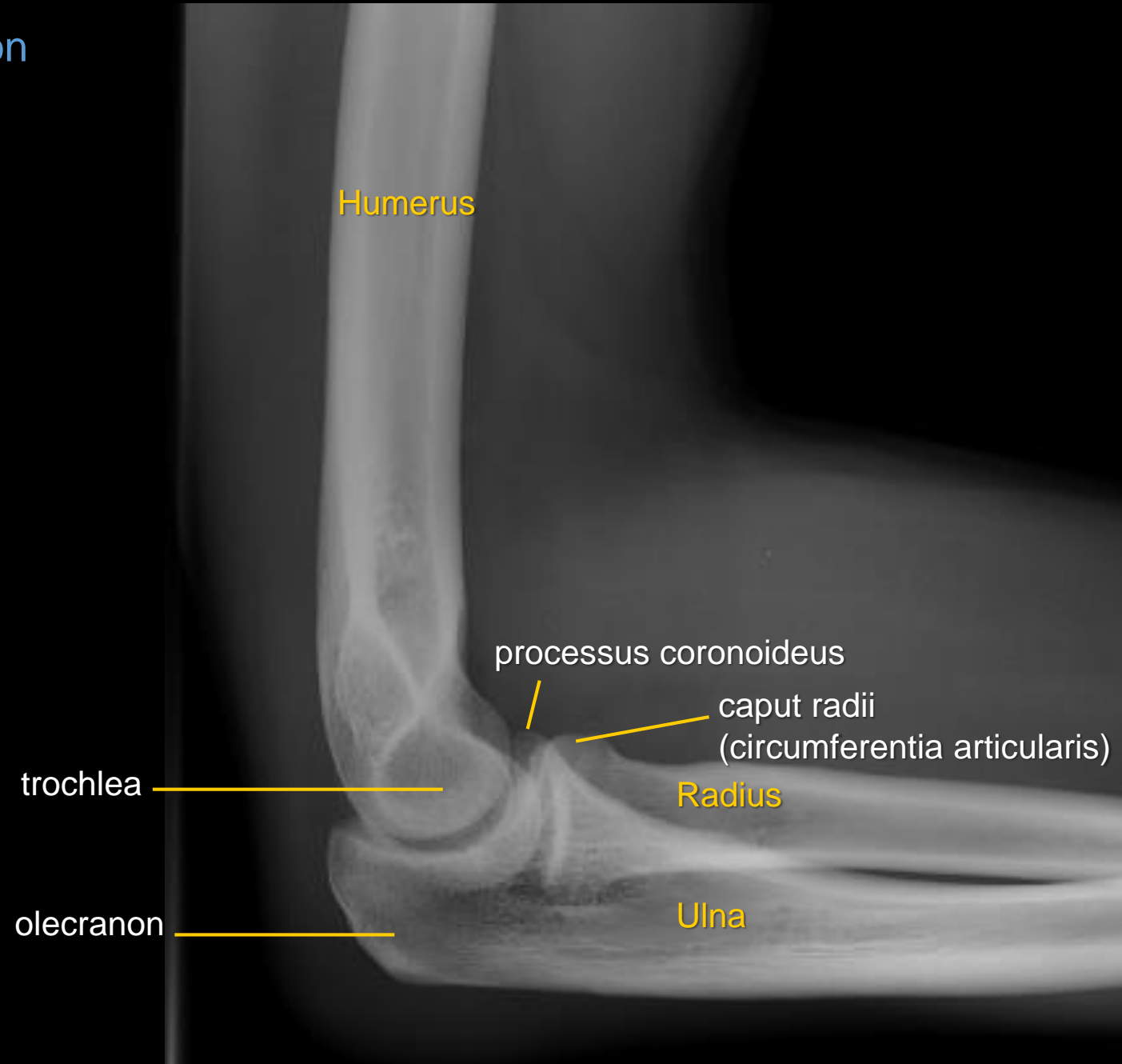
# Elbow

sagittal projection

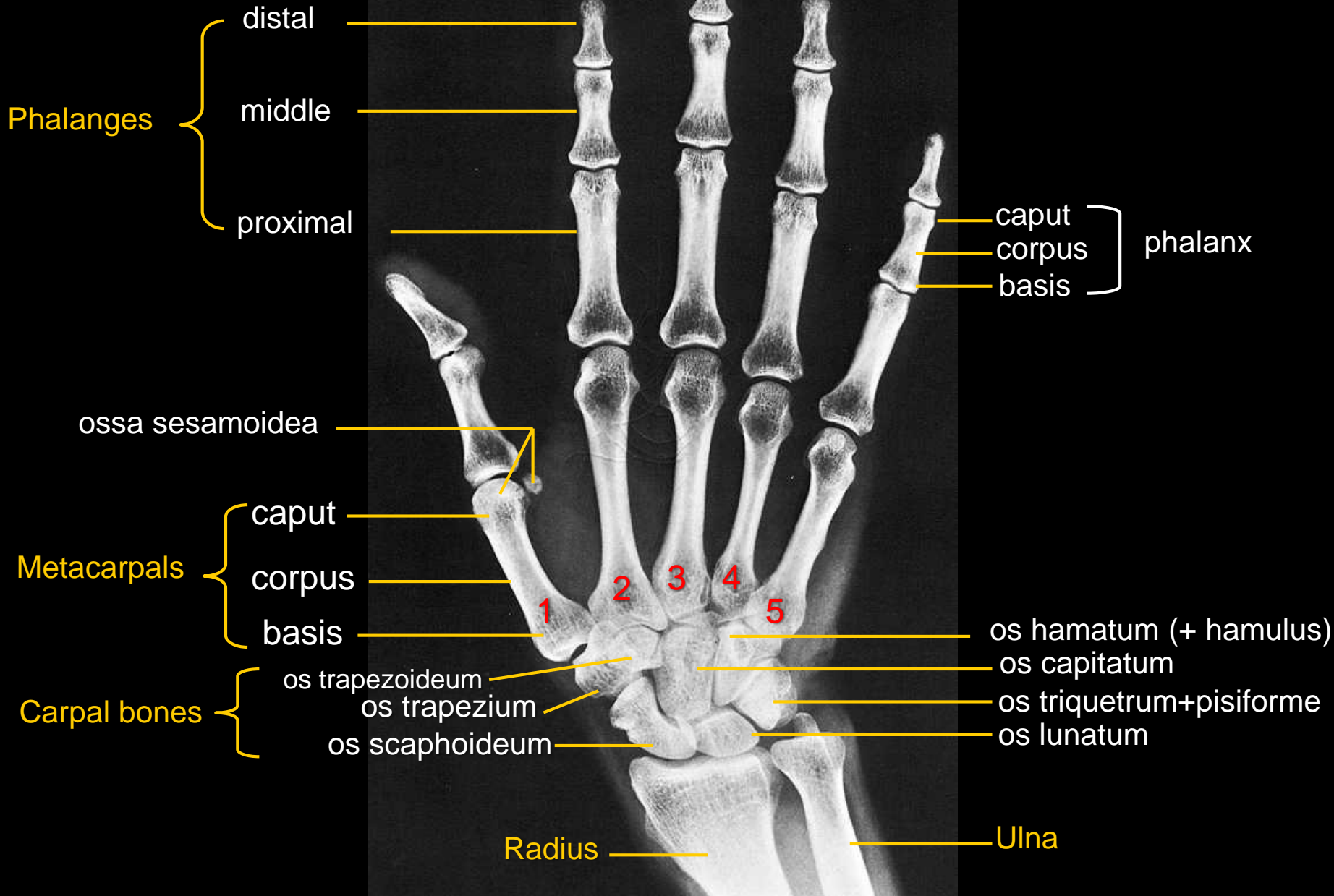


# Elbow

## lateral projection



Hand- adult  
dorsopalmar projection



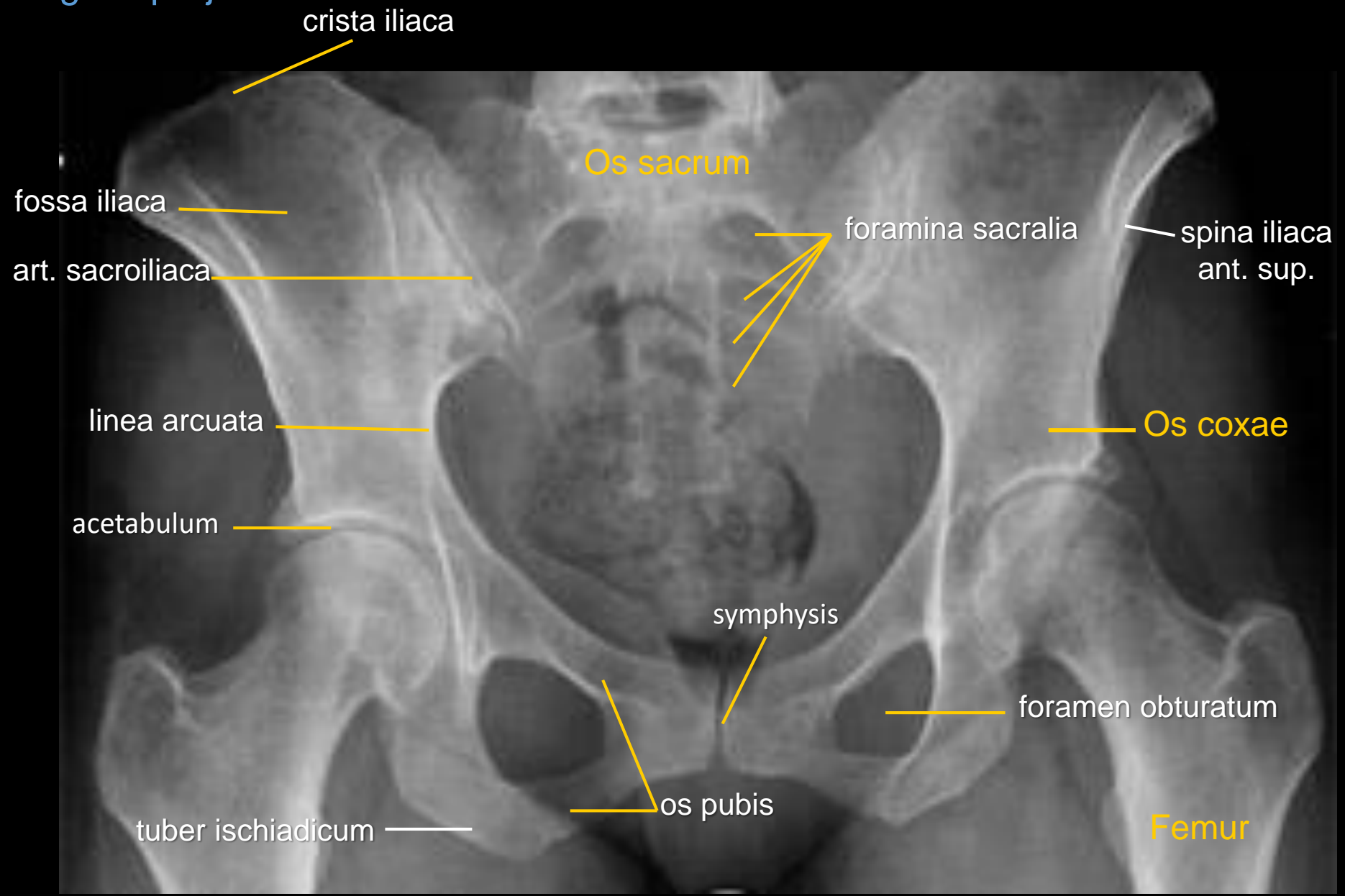
Hand - child

4,5 years



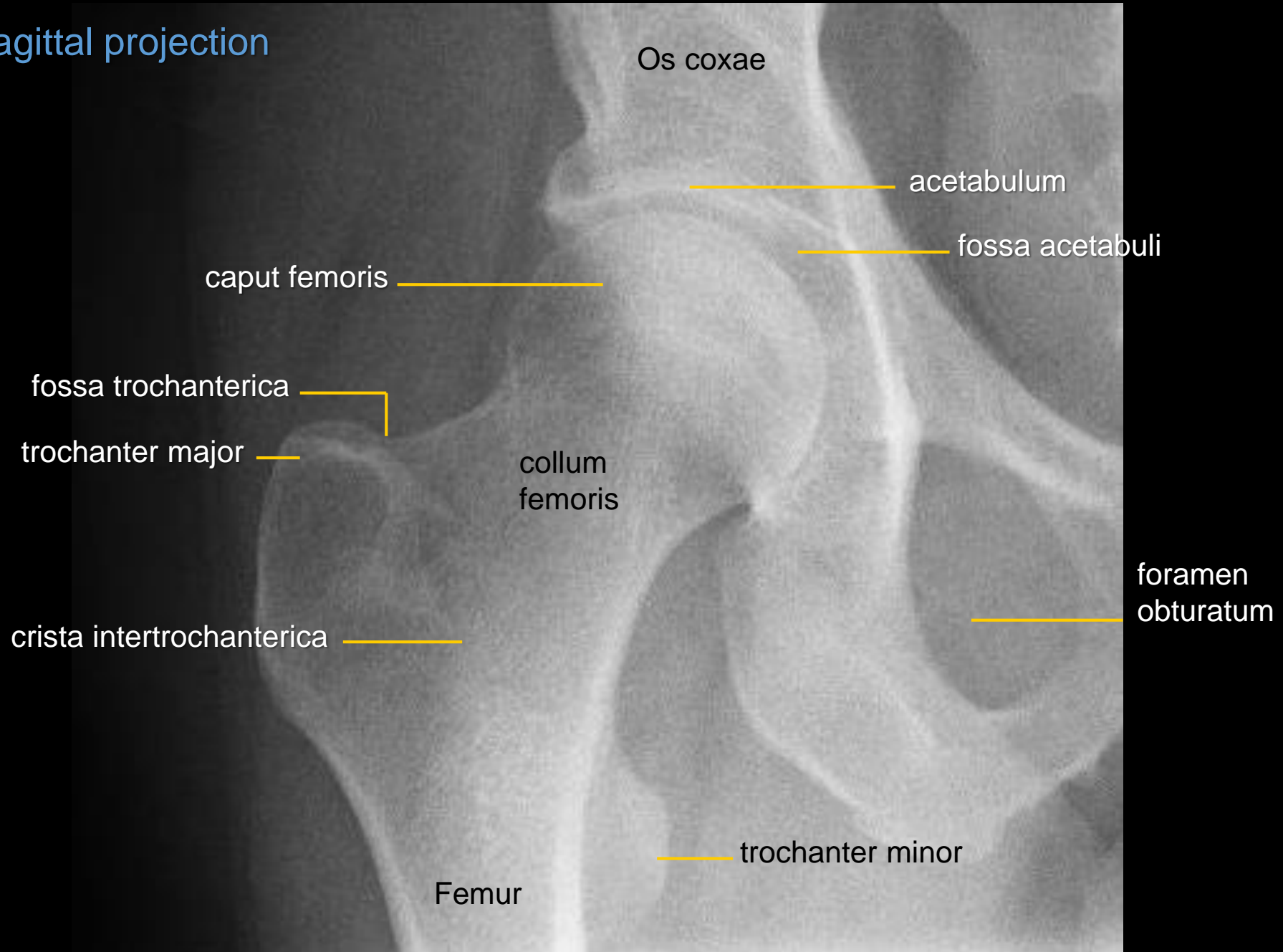


Pelvis  
sagittal projection



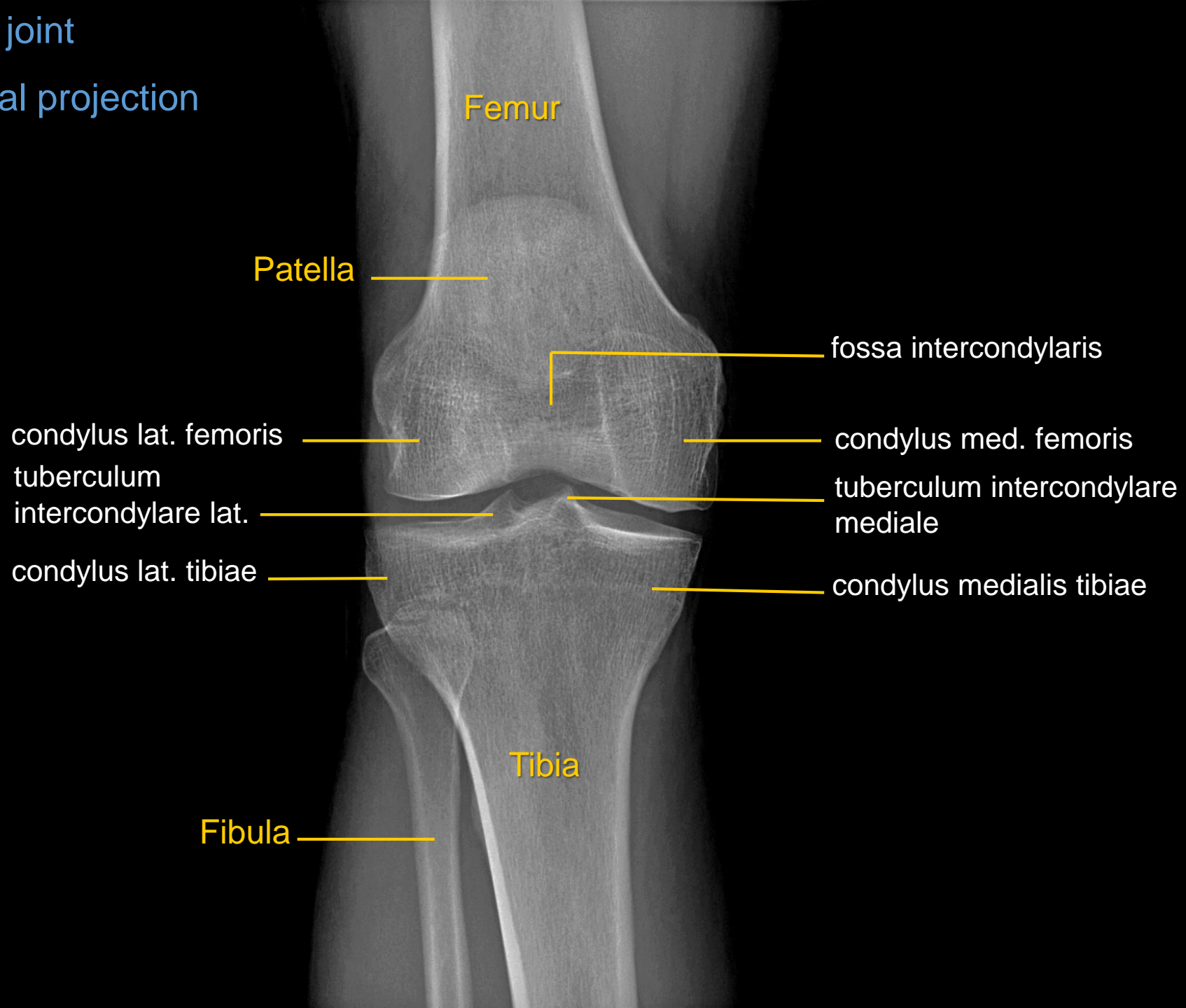
# Hip joint

## sagittal projection



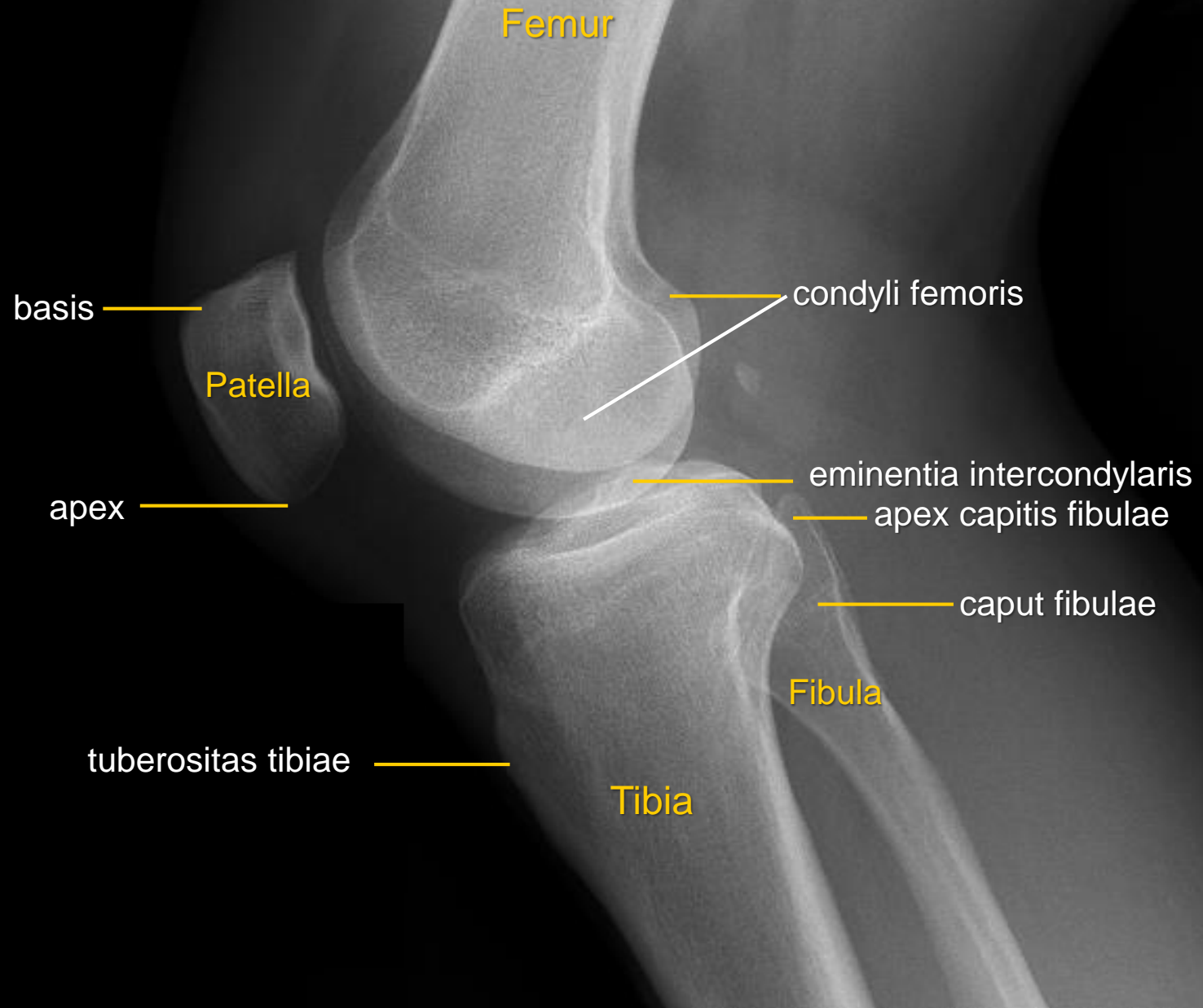
# Knee joint

## sagittal projection



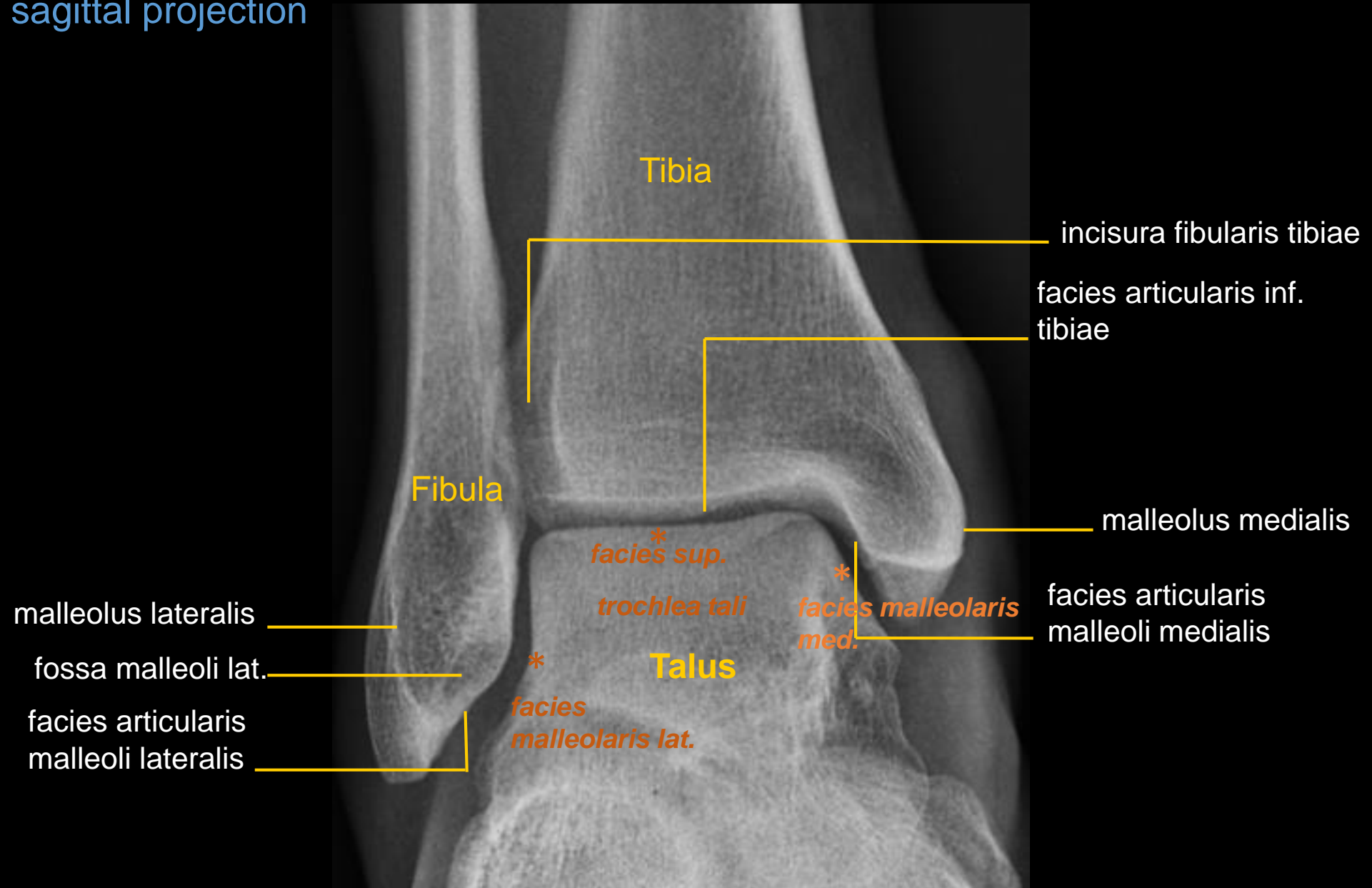
# Knee joint

## lateral projection



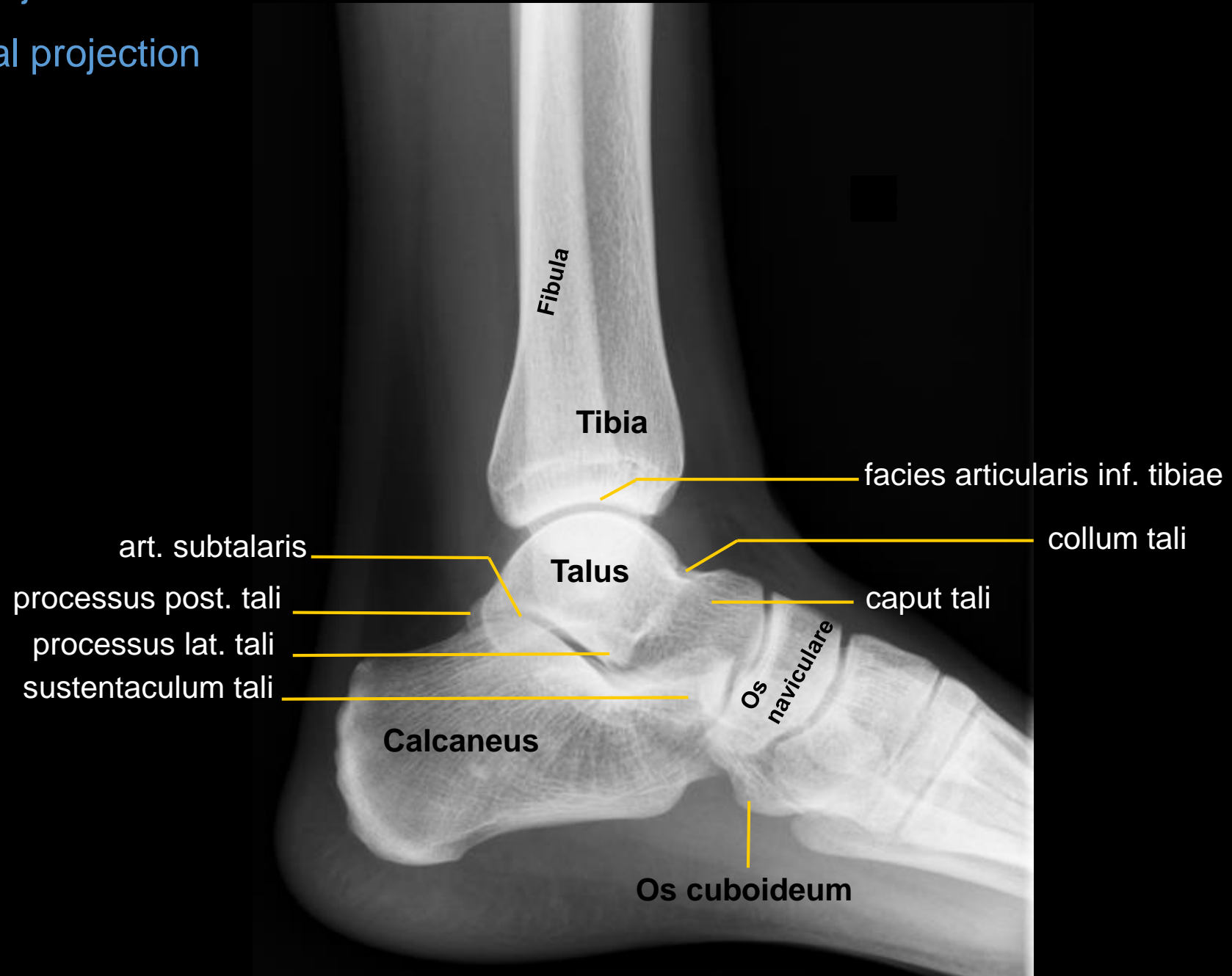
# Ankle joint

## sagittal projection



# Ankle joint

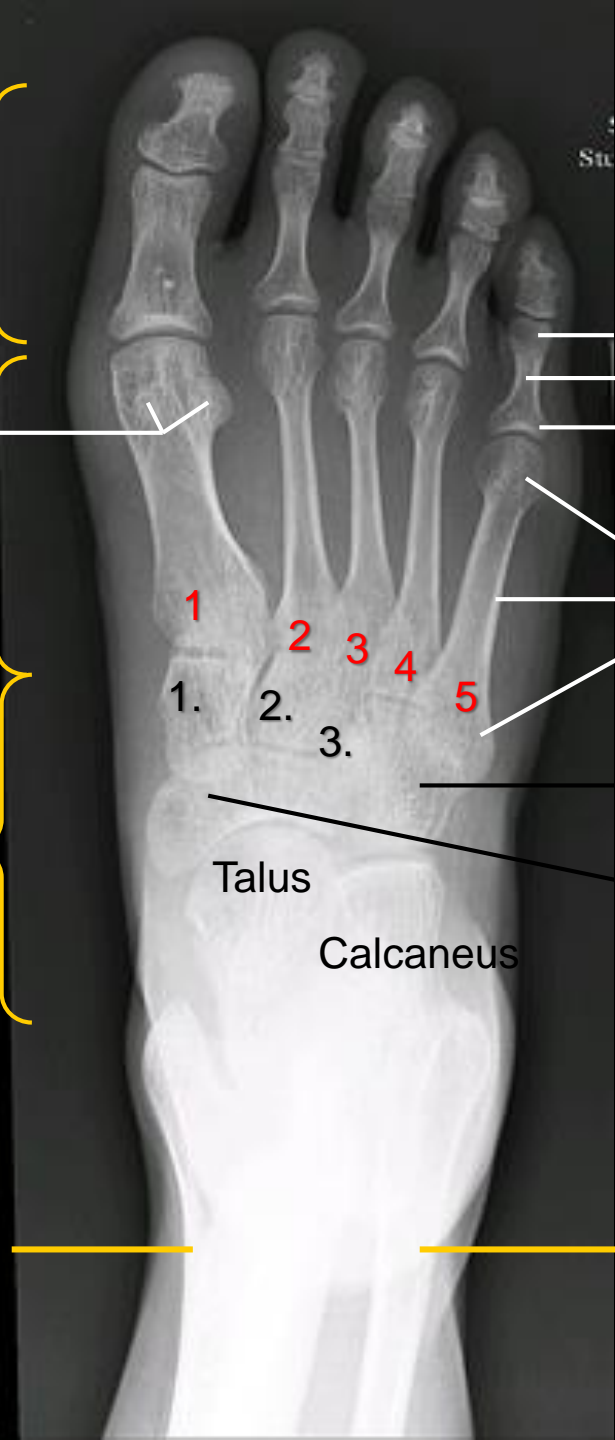
## lateral projection



# Foot

dorsoplantar projection

Phalanges  
ossa sesamoidea  
Metatarsals  
Tarsal bones  
Tibia  
Fibula



1., 2., 3. =  
ossa cuneiformia  
mediale, intermedium  
et laterale

caput  
corpus  
basis

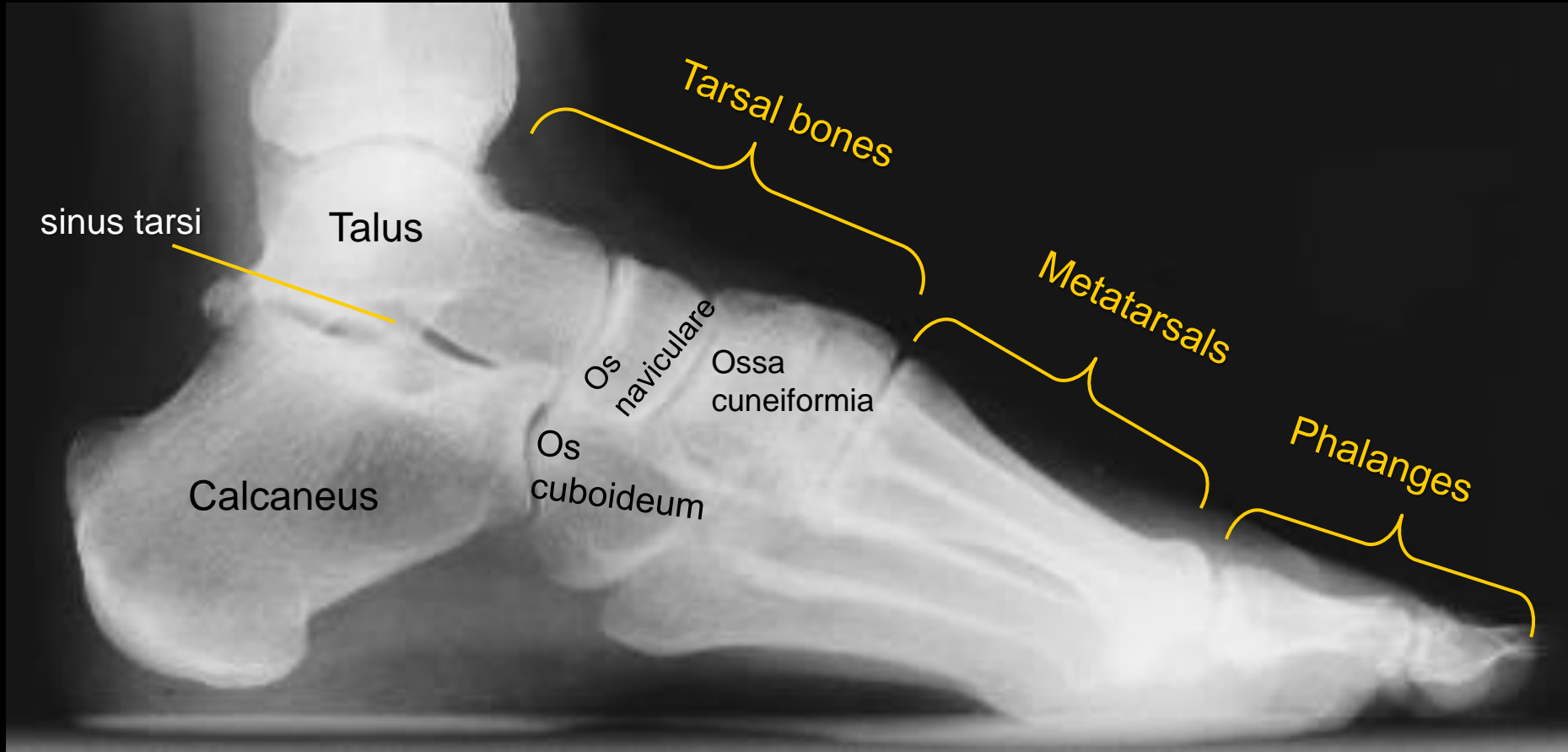
caput  
corpus  
basis

os cuboideum  
os naviculare

Talus  
Calcaneus

Fibula

Foot  
lateral projection



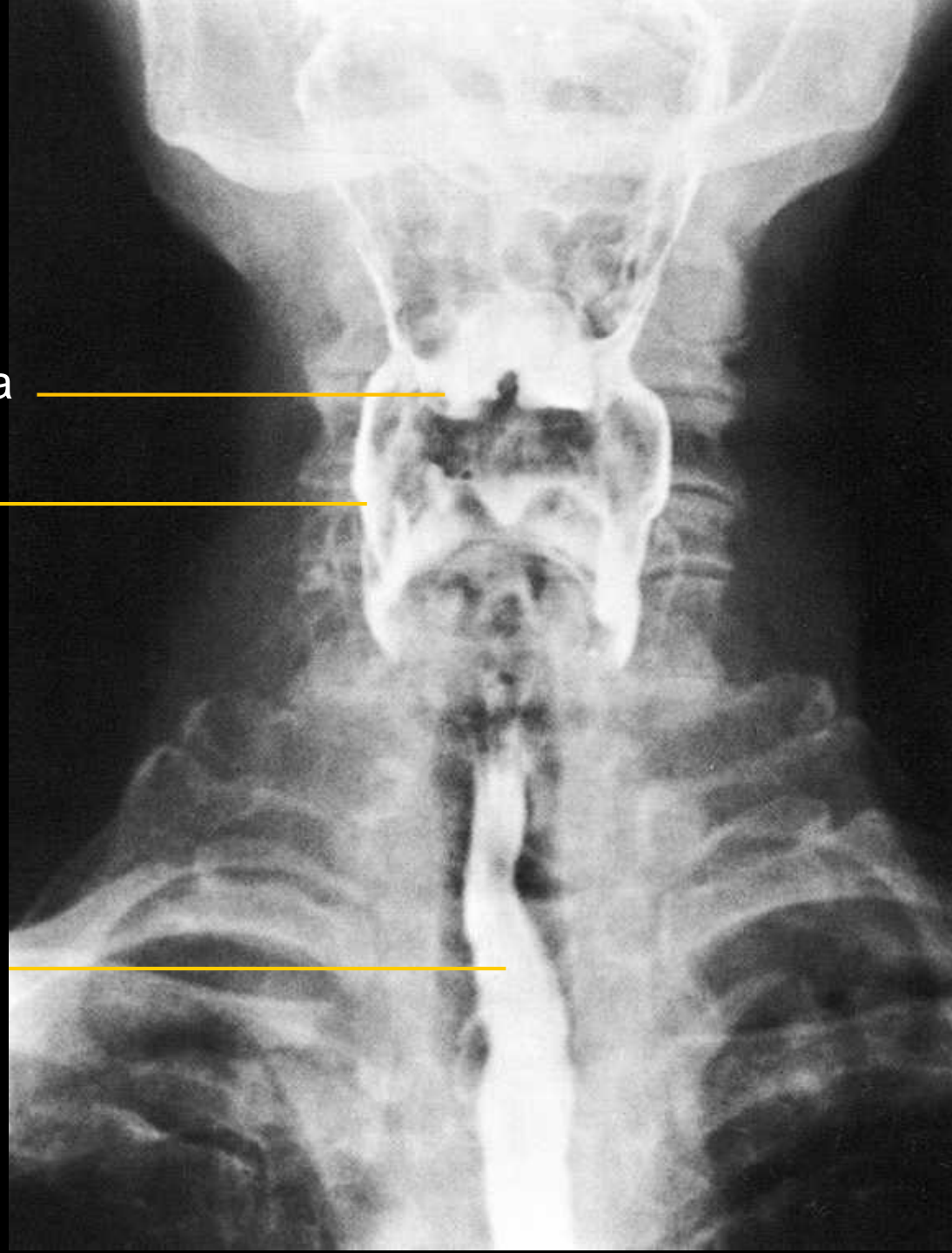


Oesophagography  
sagittal projection

vallecula epiglottica

Pharynx (recessus piriformis)

Oesophagus



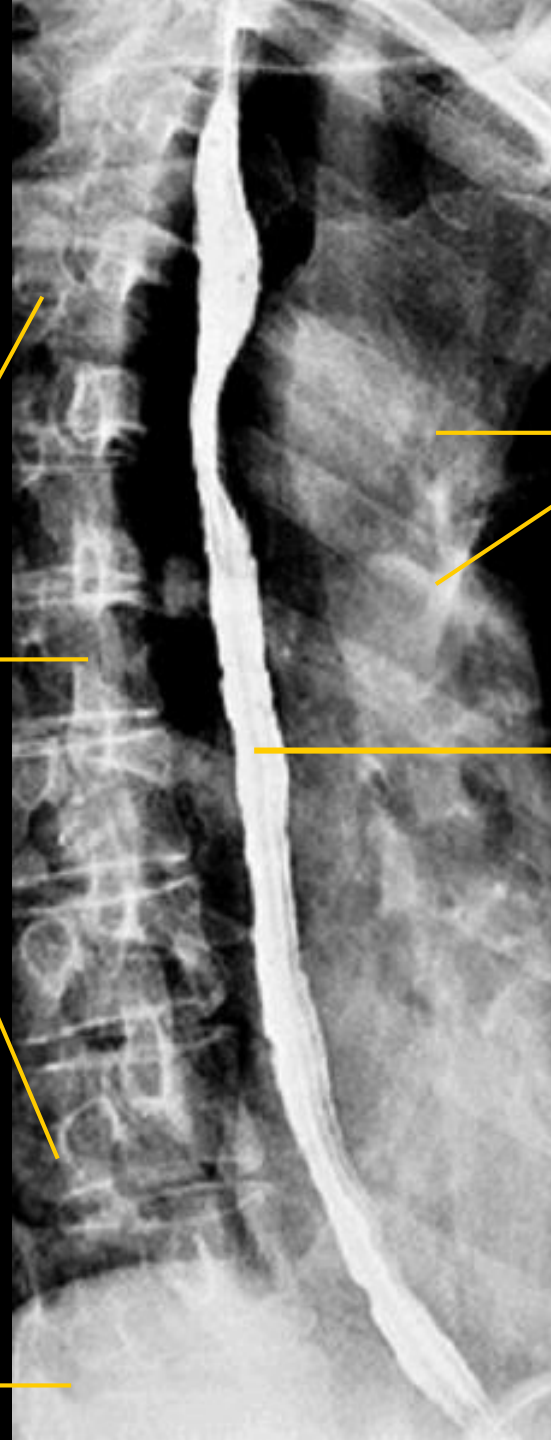
Oesophagography  
oblique projection

hrudní obratle

žebra

Jícen

bránice



Barium swallow  
- stomach

bulbus duodeni

duodenum

cardia

incisura  
angularis

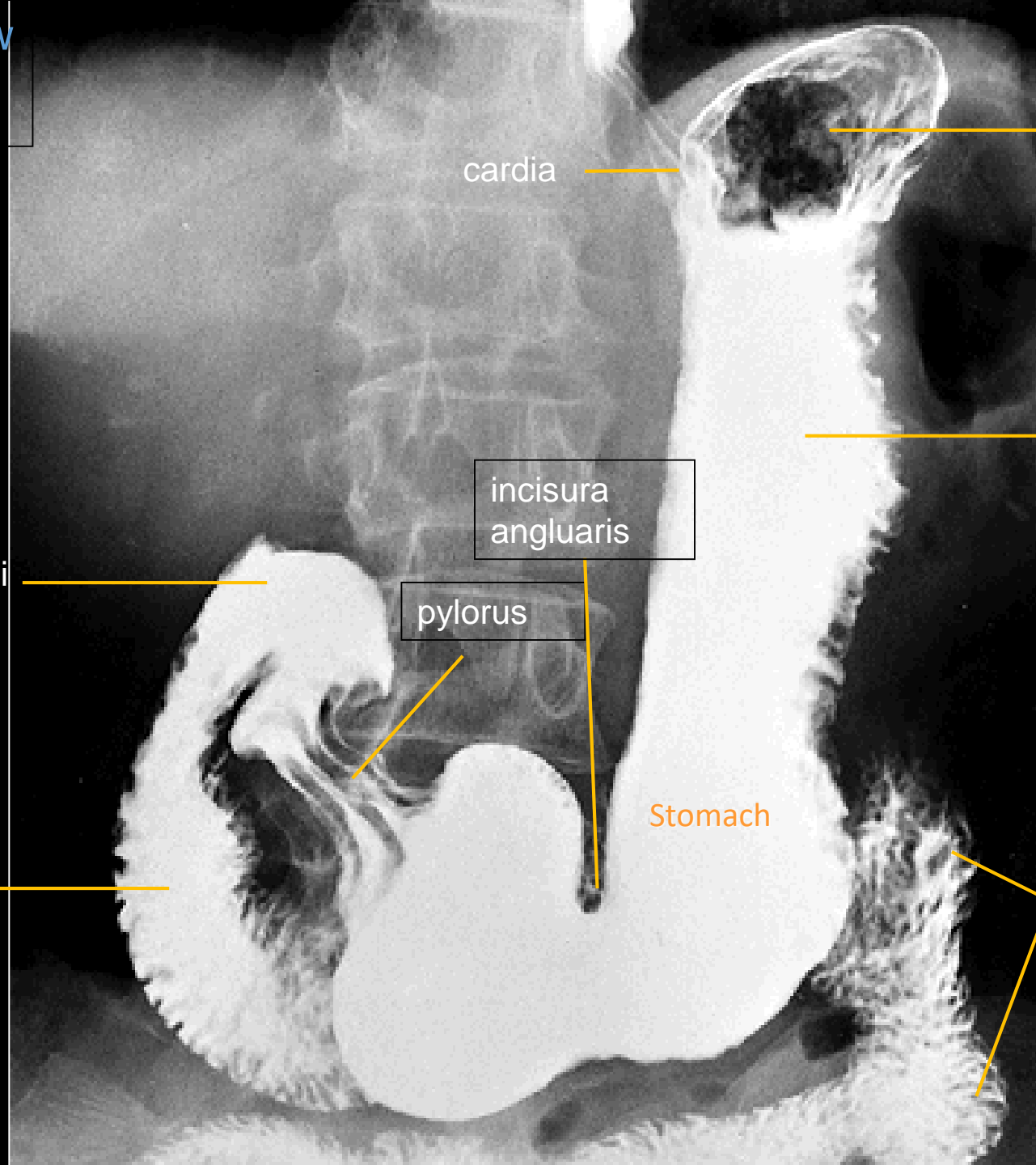
pylorus

Stomach

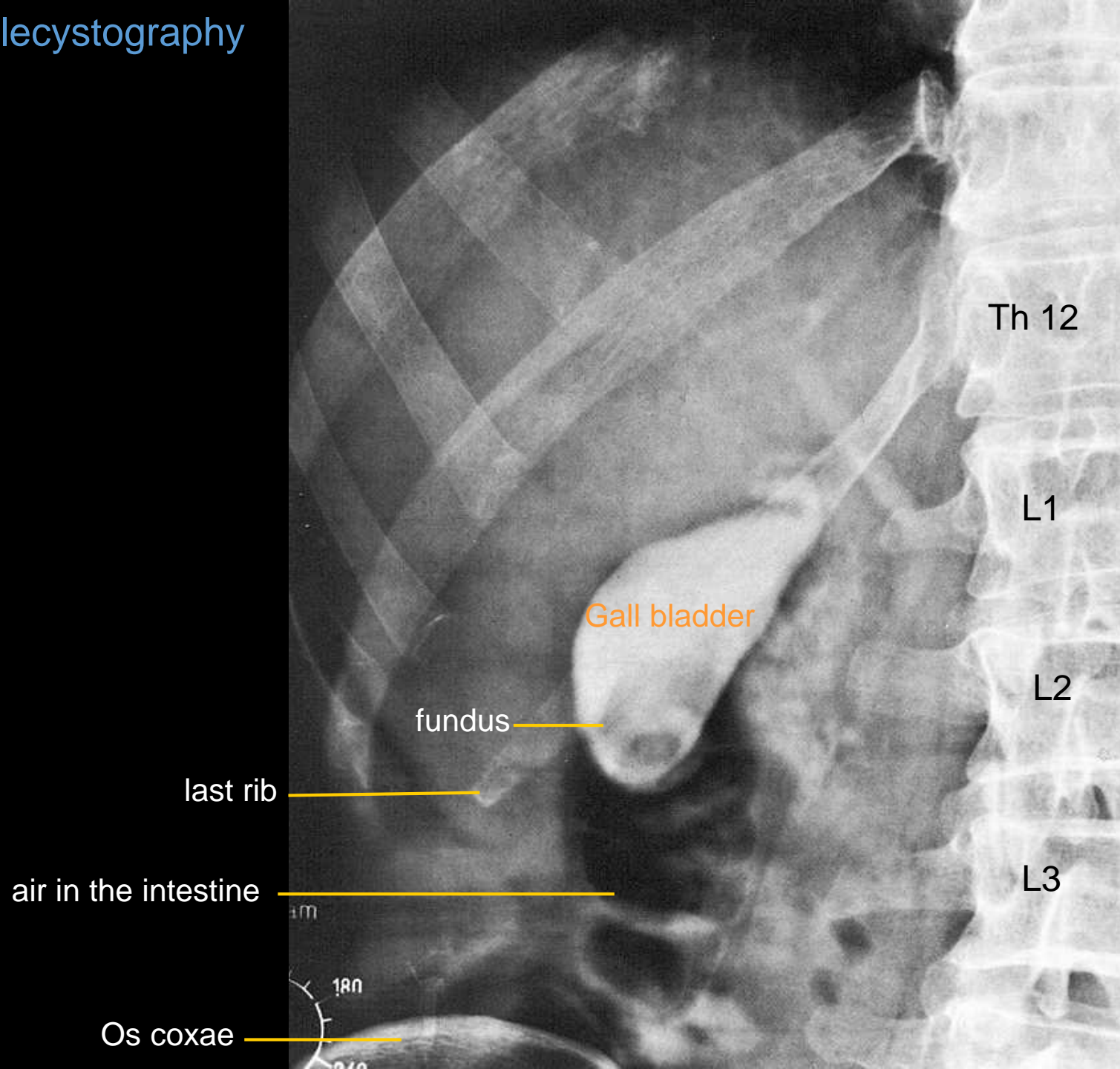
air bubble

corpus  
ventriculi

Jejunum



# Cholecystography



Th 12

L1

Gall bladder

L2

fundus

last rib

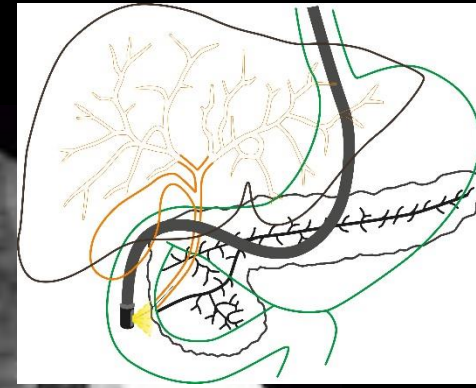
L3

air in the intestine

Os coxae

# ERCP

Endoscopic retrograde  
cholangio-pancreatography



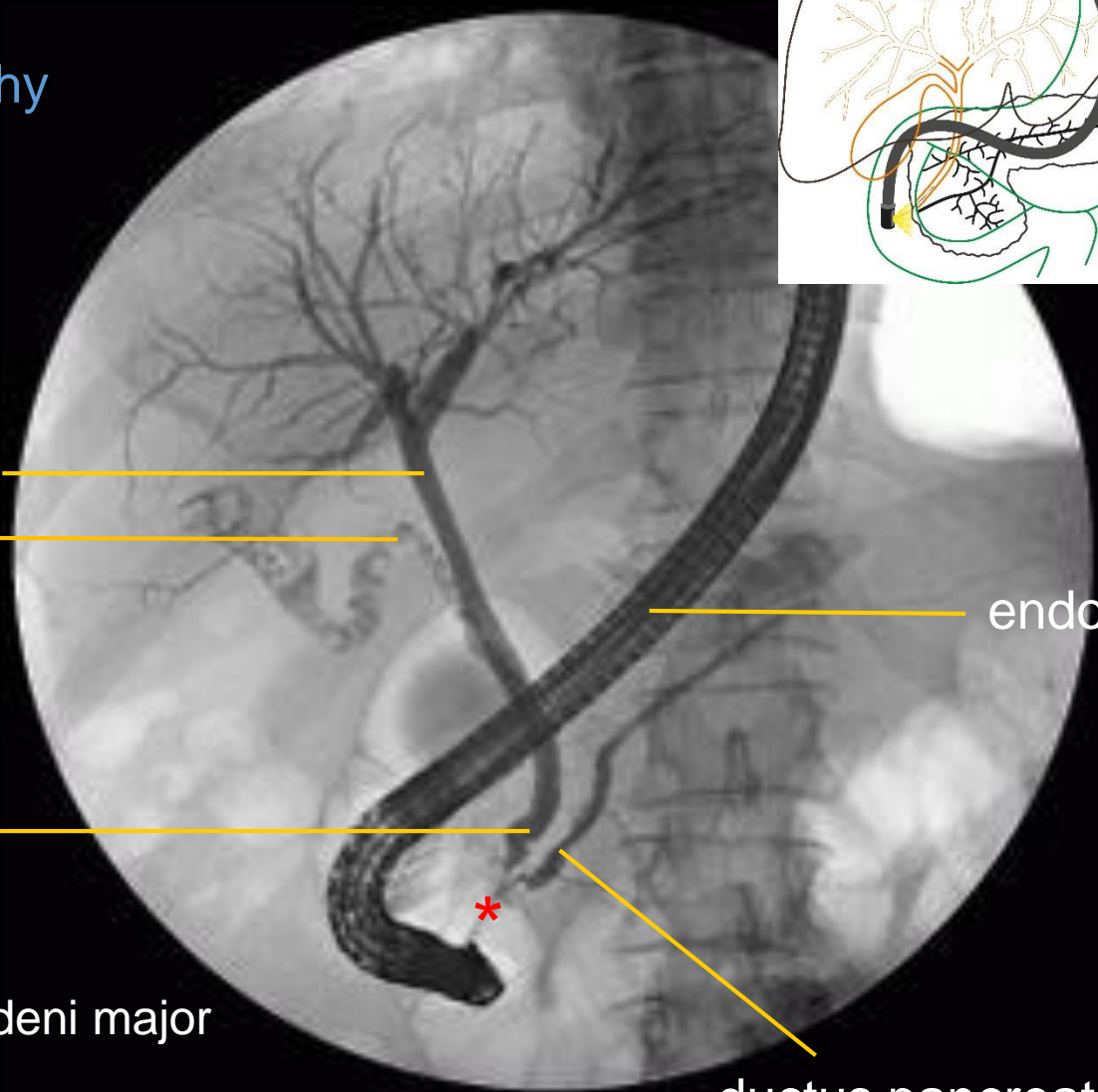
ductus hepaticus comm.  
ductus cysticus

endoscope

ductus choledochus

\* papilla duodeni major

ductus pancreaticus



# Irrigography

- barium enema

flexura colli dx.

colon  
ascendens

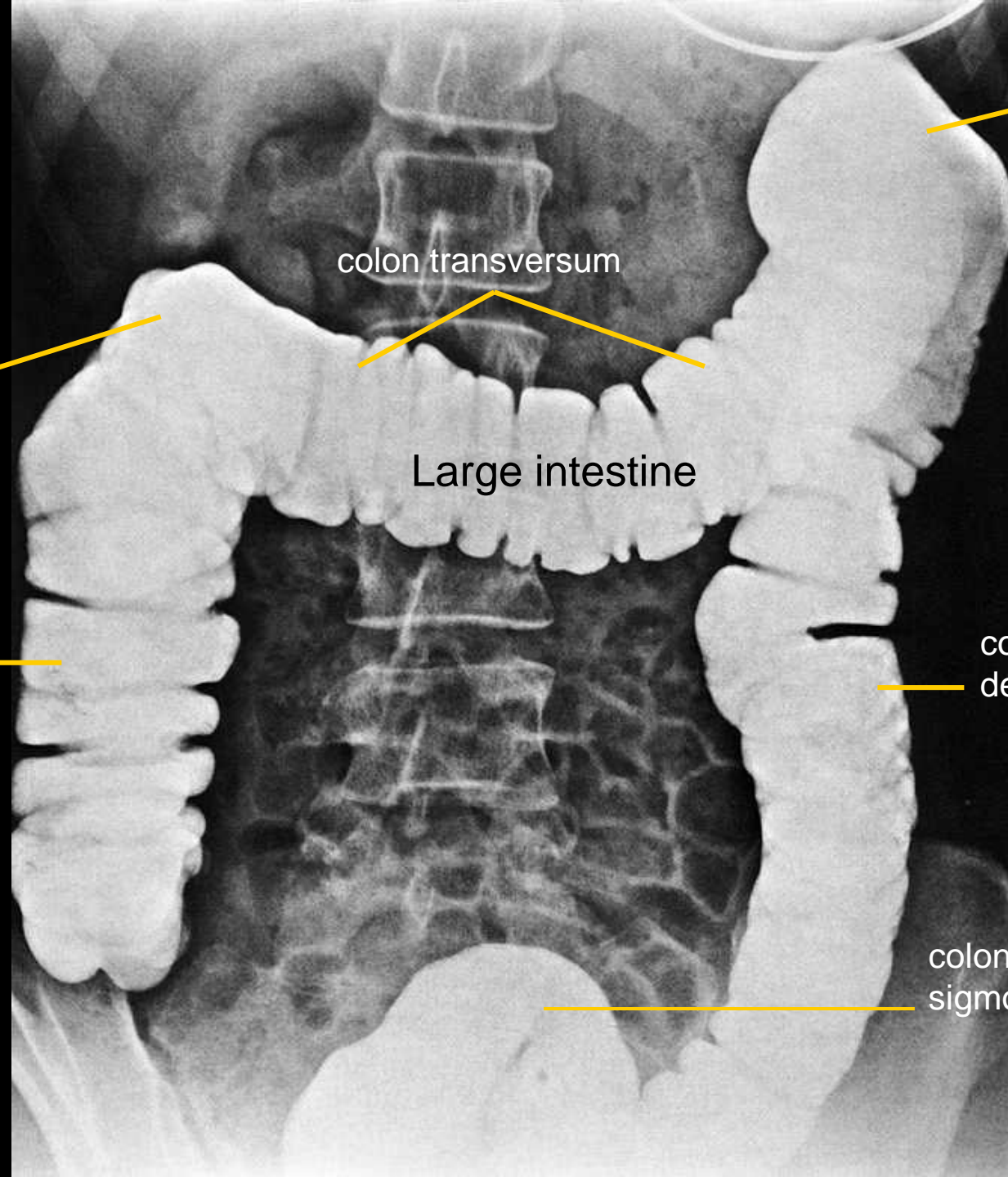
colon transversum

Large intestine

flexura colli  
sin.

colon  
descendens

colon  
sigmoideum

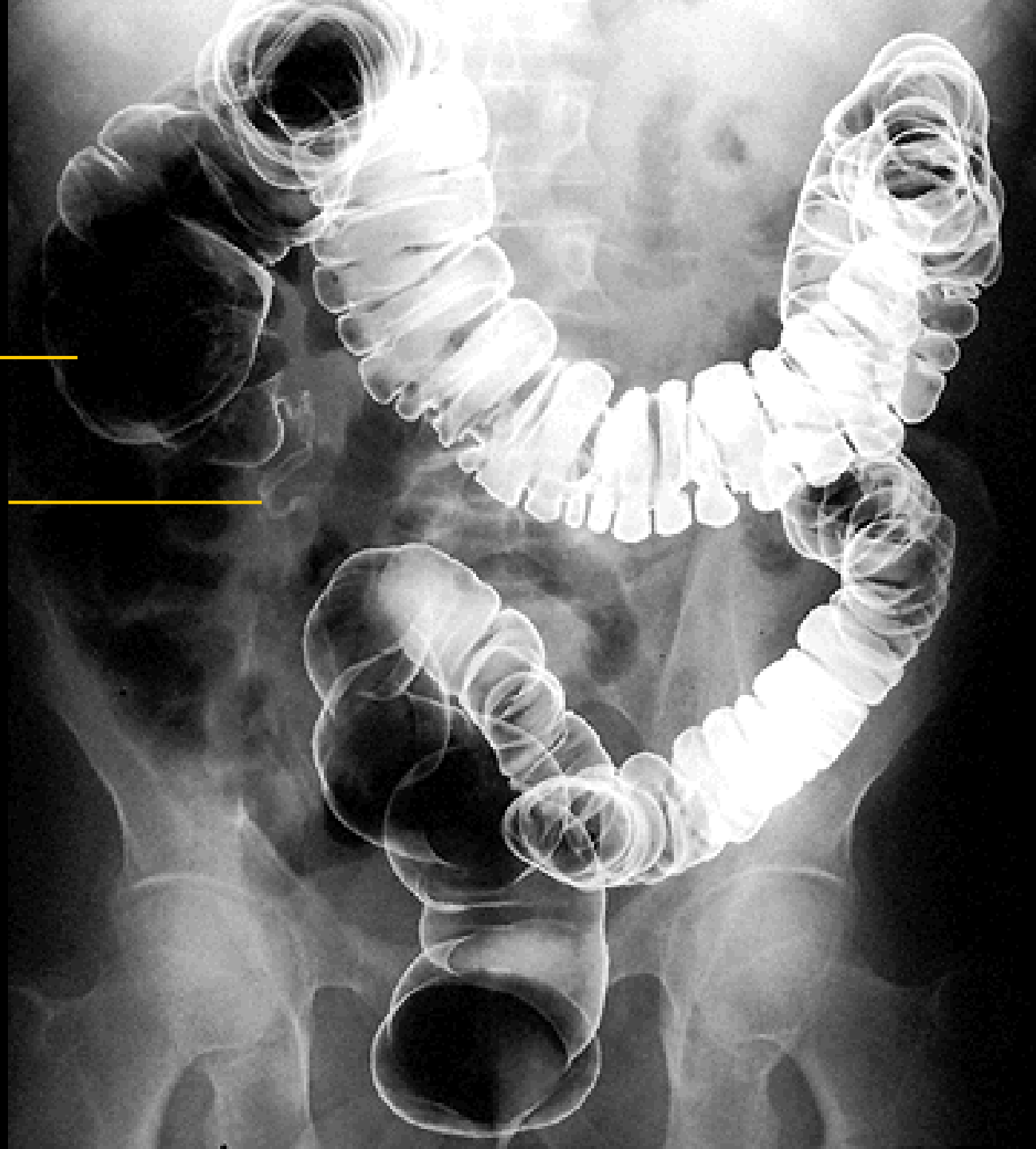


# Irrigography

double contrast barium  
enema

caecum

appendix vermiformis



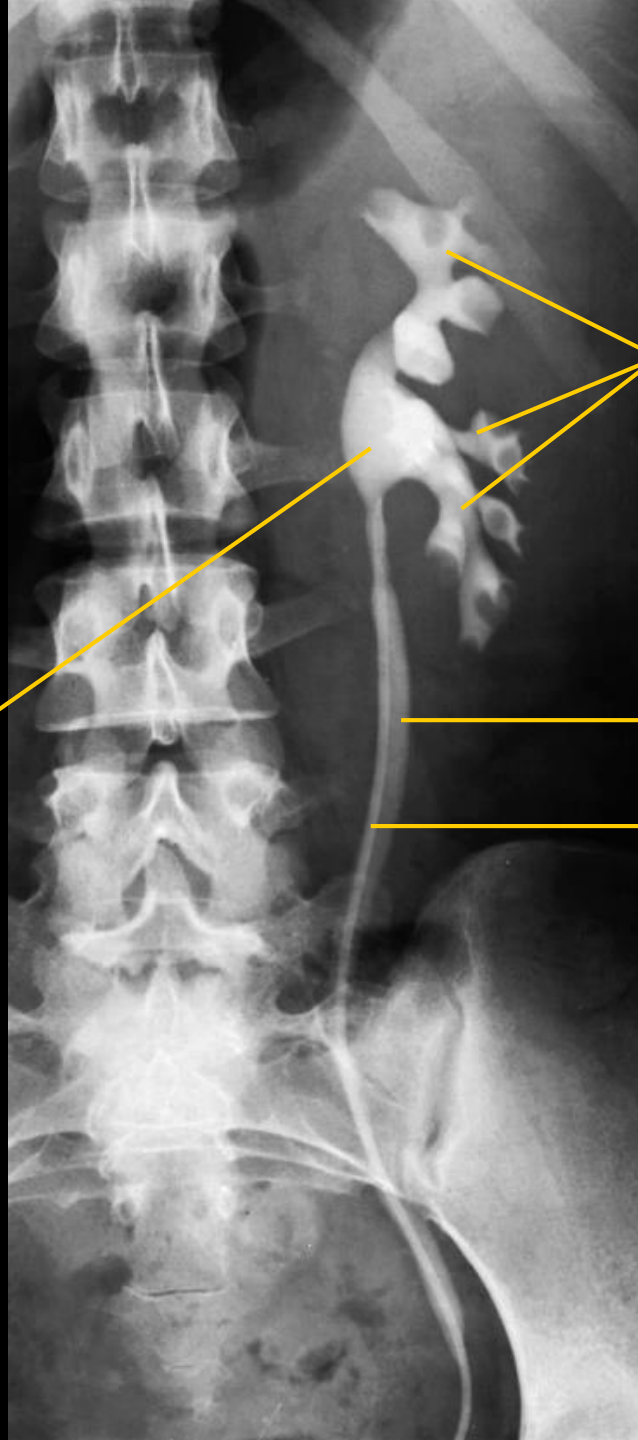
Ascending/retrograde  
pyelografía/urografía

pelvis renalis

calices renales

ureter

catheter





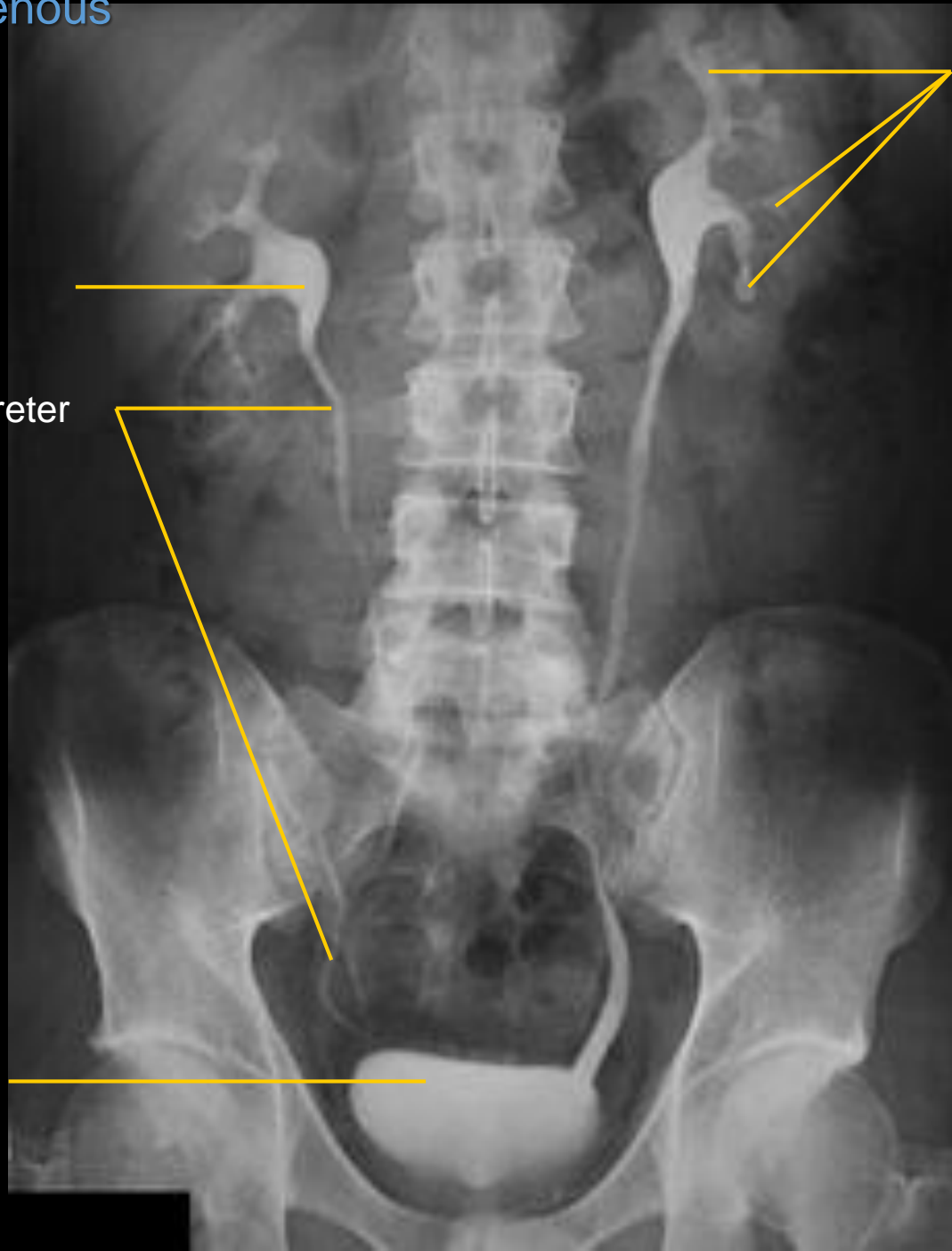
Descending/intravenous  
urography (IVU)

pelvis renalis

ureter

urinary bladder

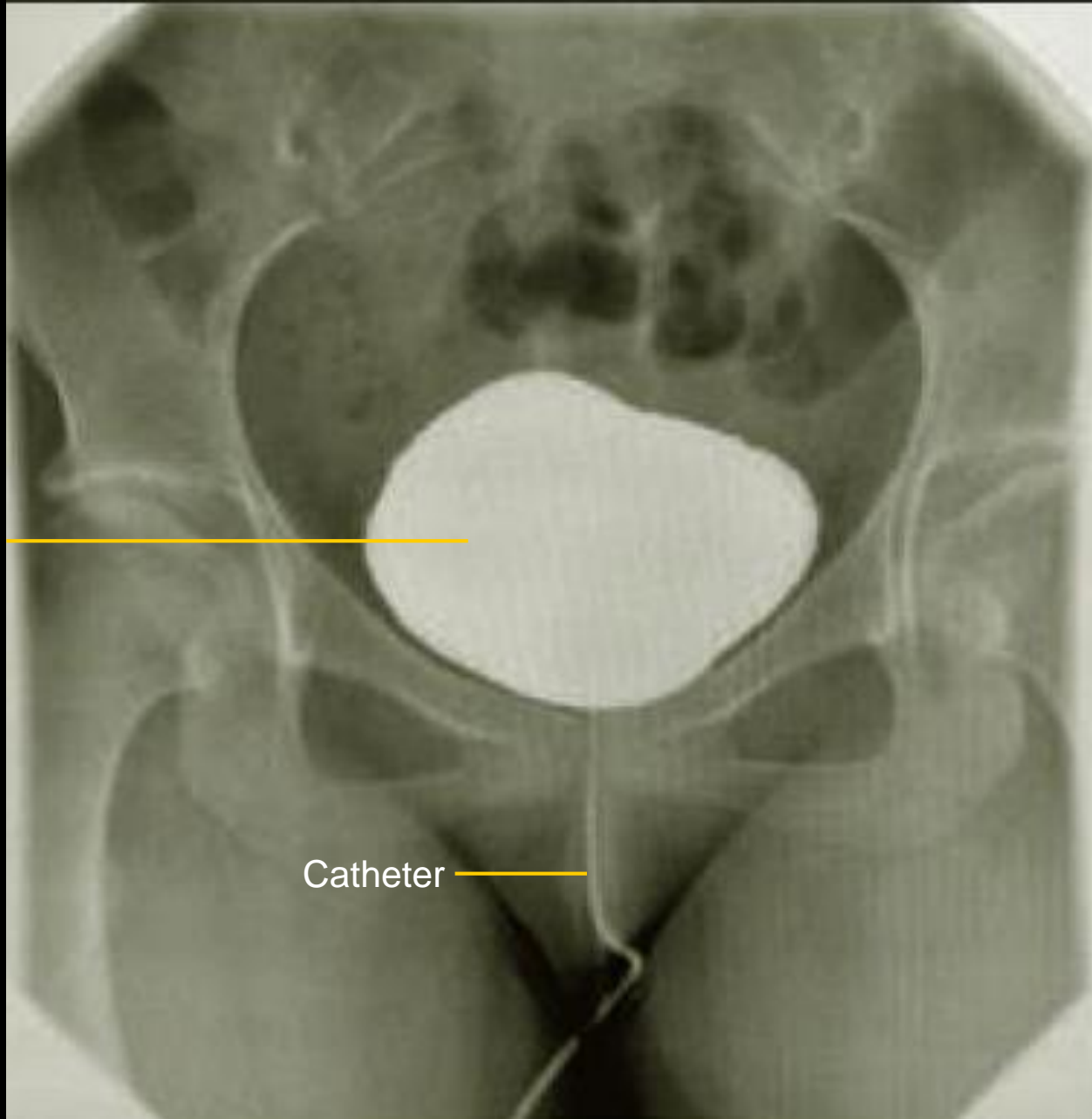
calices  
renales



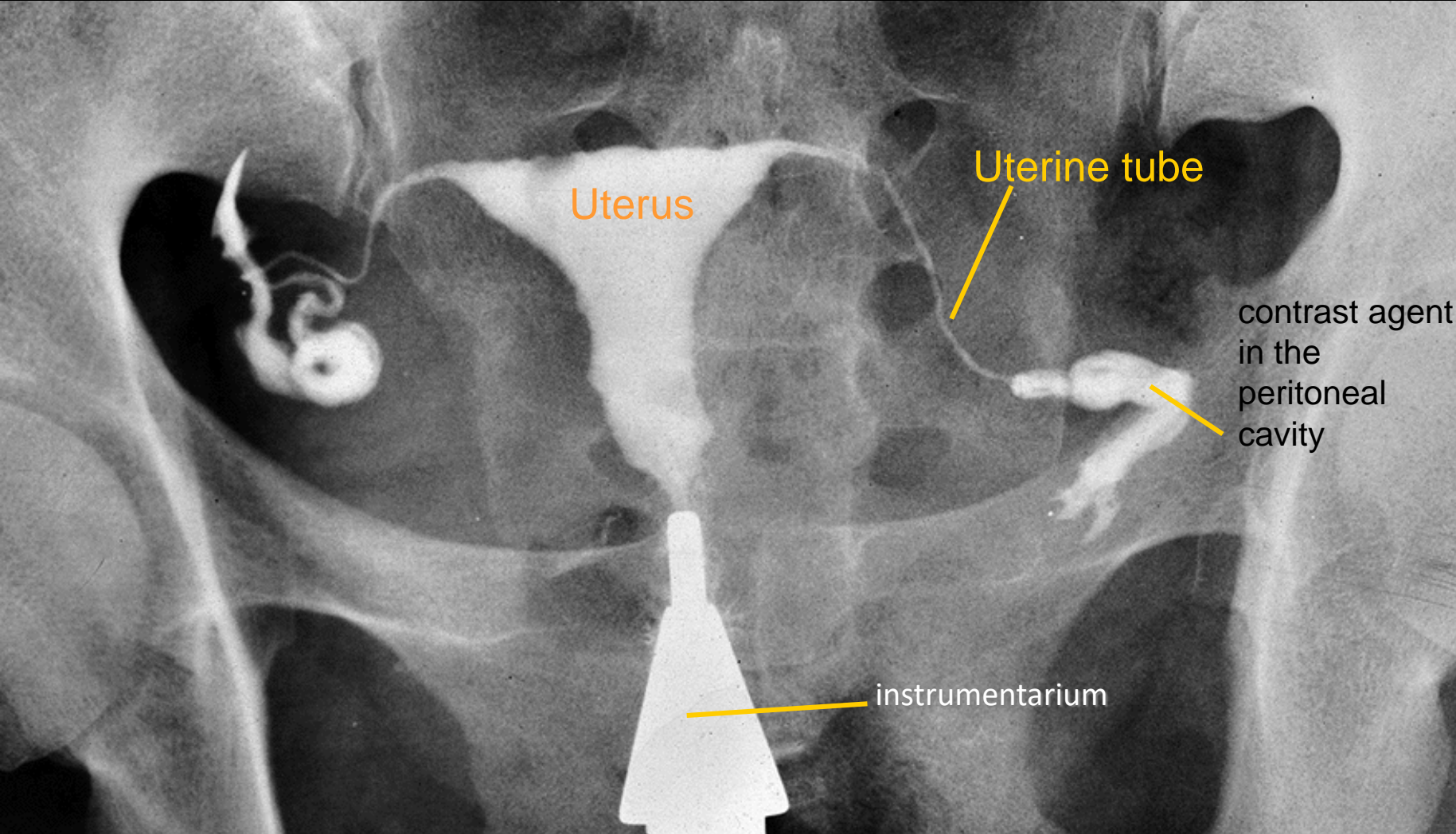
# Cystography

Urinary bladder

Catheter



# Hysterosalpingography

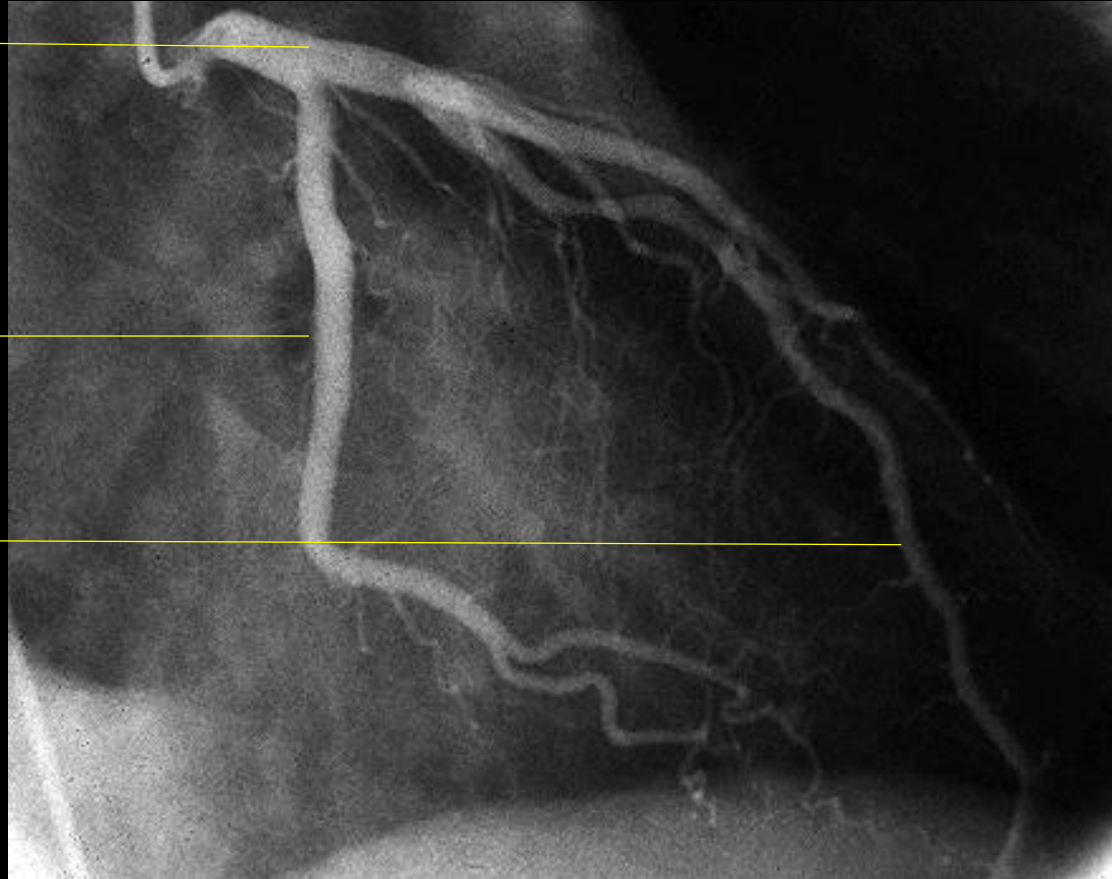


# Coronarography – a. coronaria cordis sinistra

A. coronaria cordis sin.

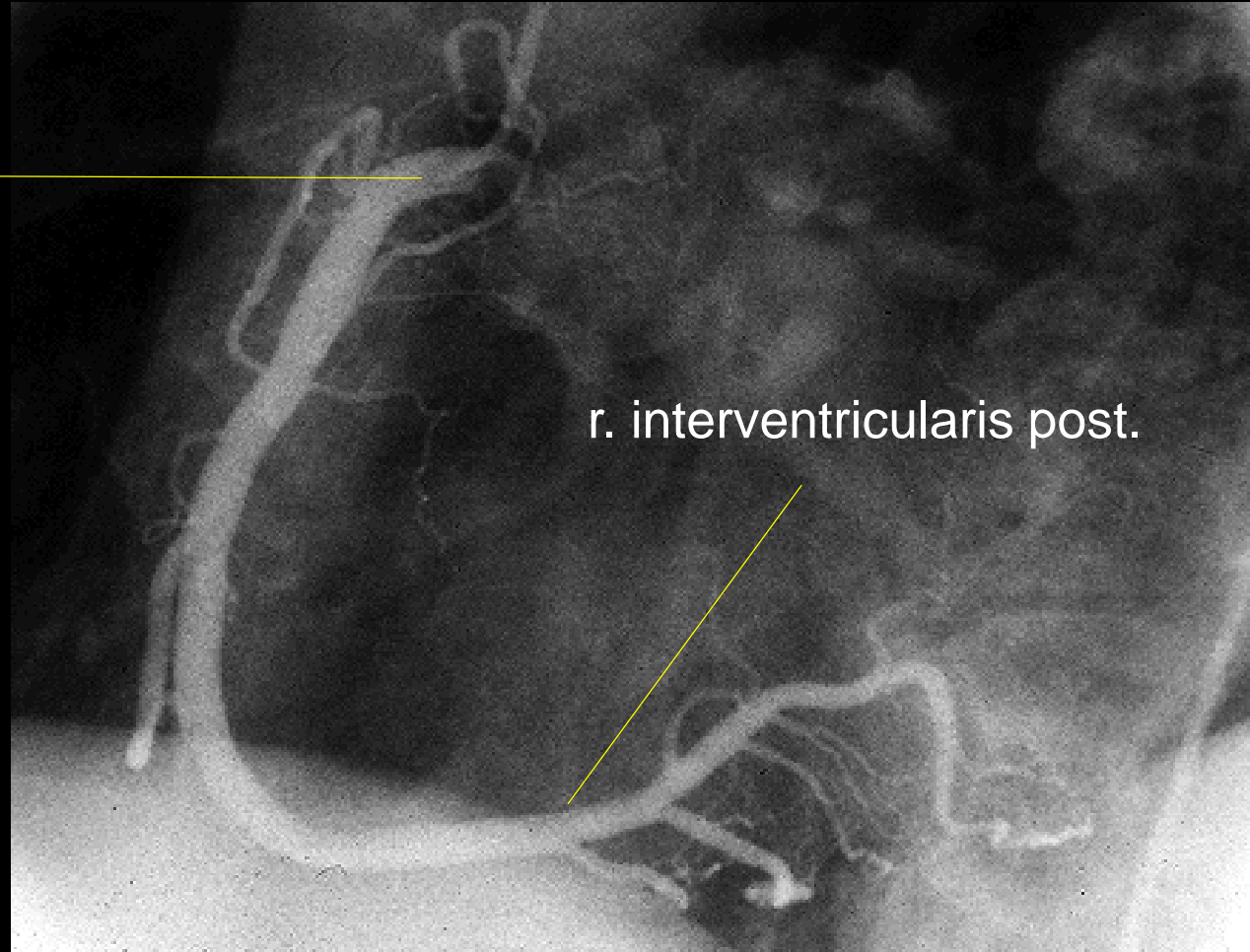
r. circumflexus

r. interventricularis ant.

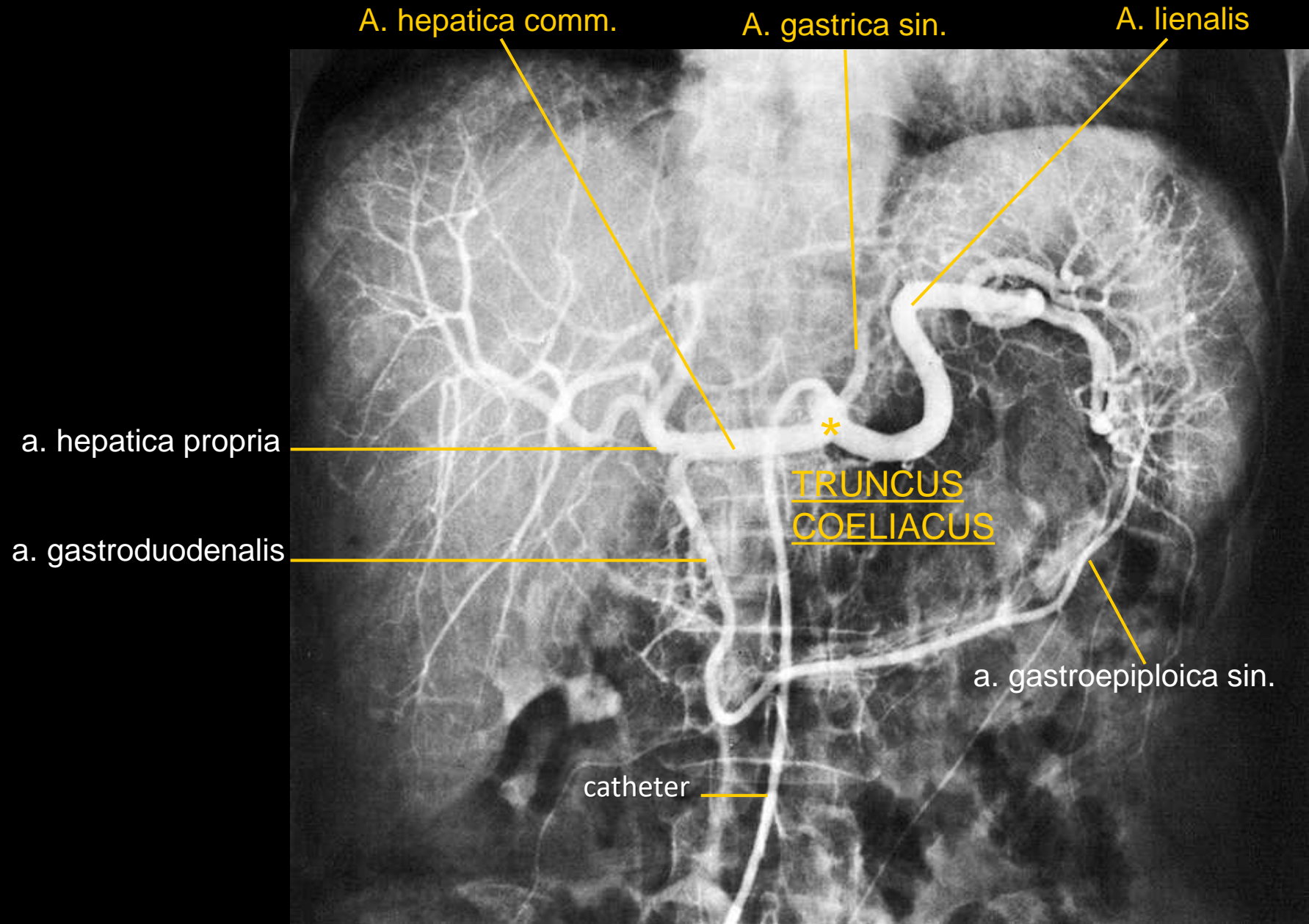


Coronarography – a. coronaria cordis dextra

A. coronaria cordis dx.

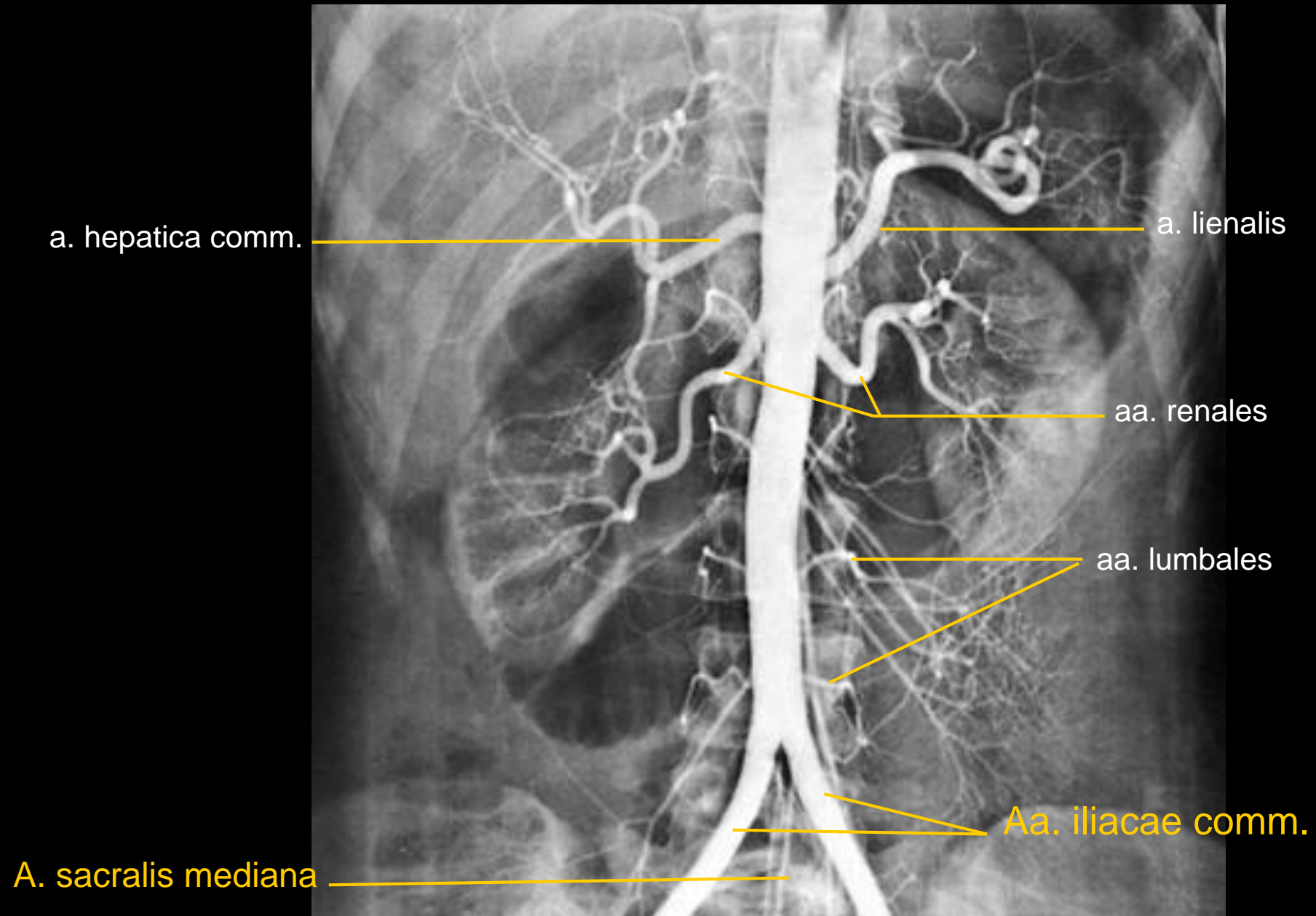


# Arteriography - truncus coeliacus



# Aortography

## AORTA



Arteriography  
a. mesenterica sup.

a. colica media

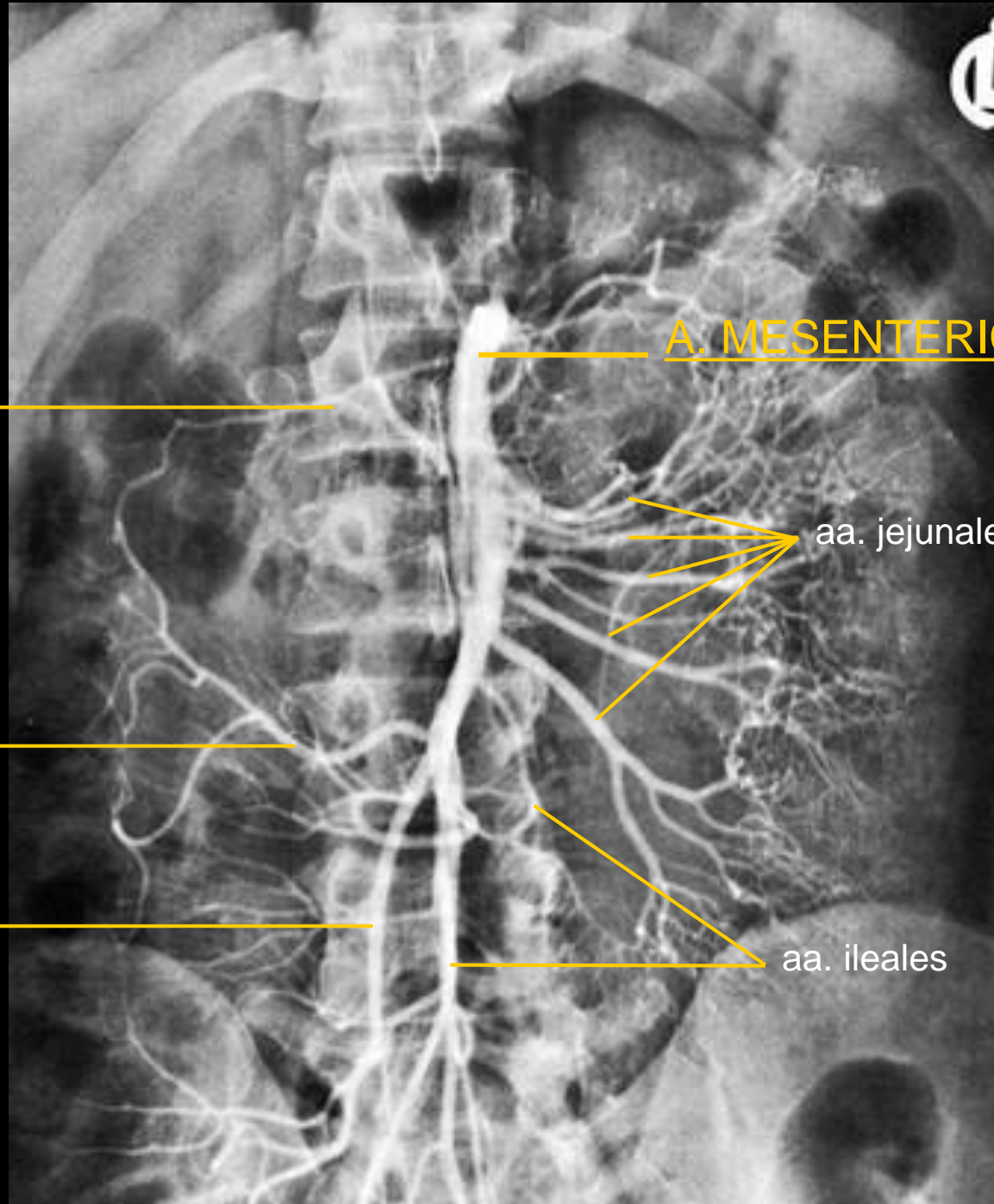
a. colica dx.

a. ileocolica

A. MESENTERICA SUP.

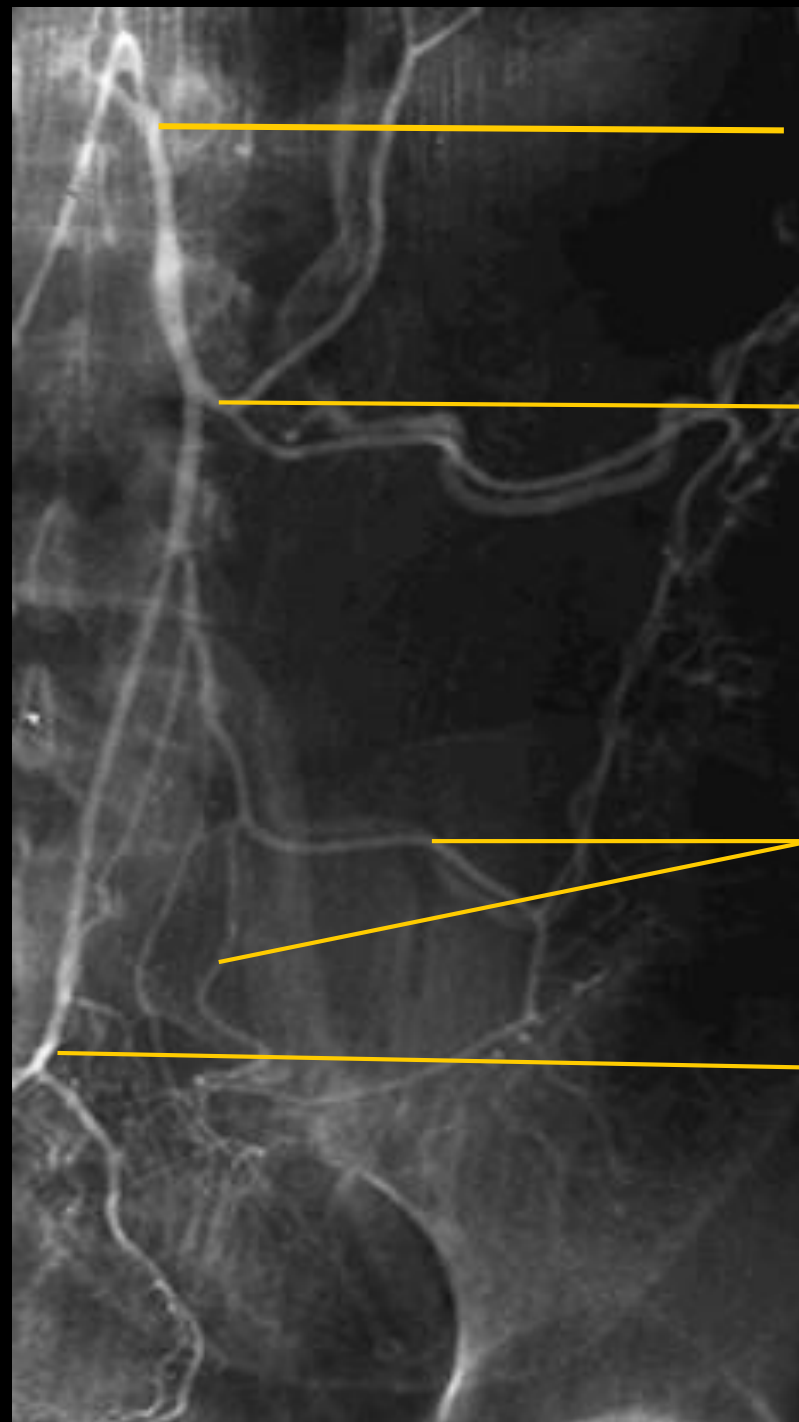
aa. jejunales

aa. ileales





Arteriography  
a. mesenterica inferior



A. MESENTERICA INF.

a. colica sin.

aa. sigmoideae

a. rectalis sup.

# Arteriography of the upper limb

A. brachialis

a. recurrens radialis

a. recurrens ulnaris

A. ulnaris

A. radialis

aa. interossee



# Arteriography of the hand



# Arteriography of the pelvis

aa. lumbales

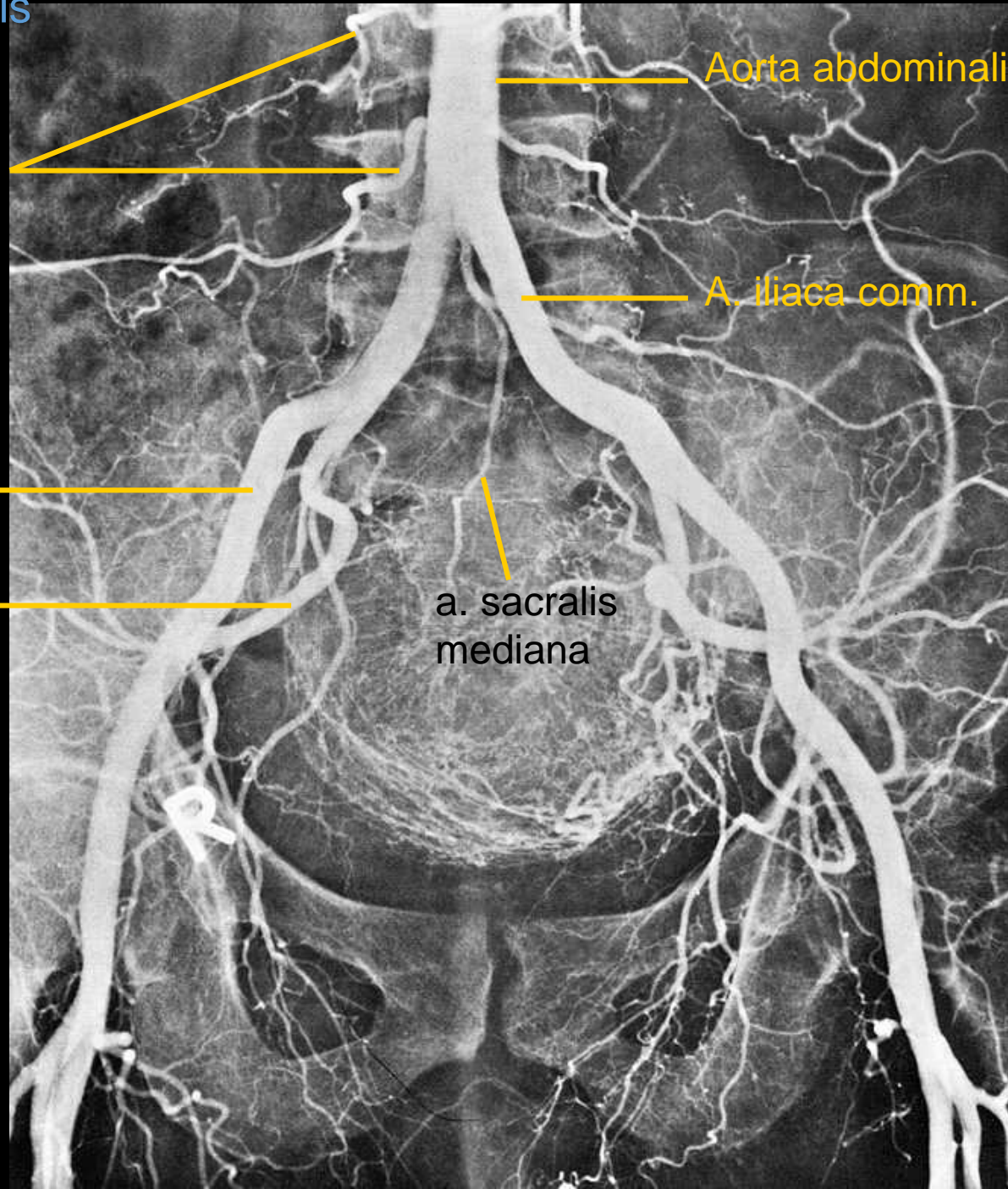
A. iliaca ext.

A. iliaca int.

Aorta abdominalis

A. iliaca comm.

a. sacralis  
mediana



# Arteriography of the lower limb

A. femoralis

A. profunda femoris

a. circ. femoris lat.

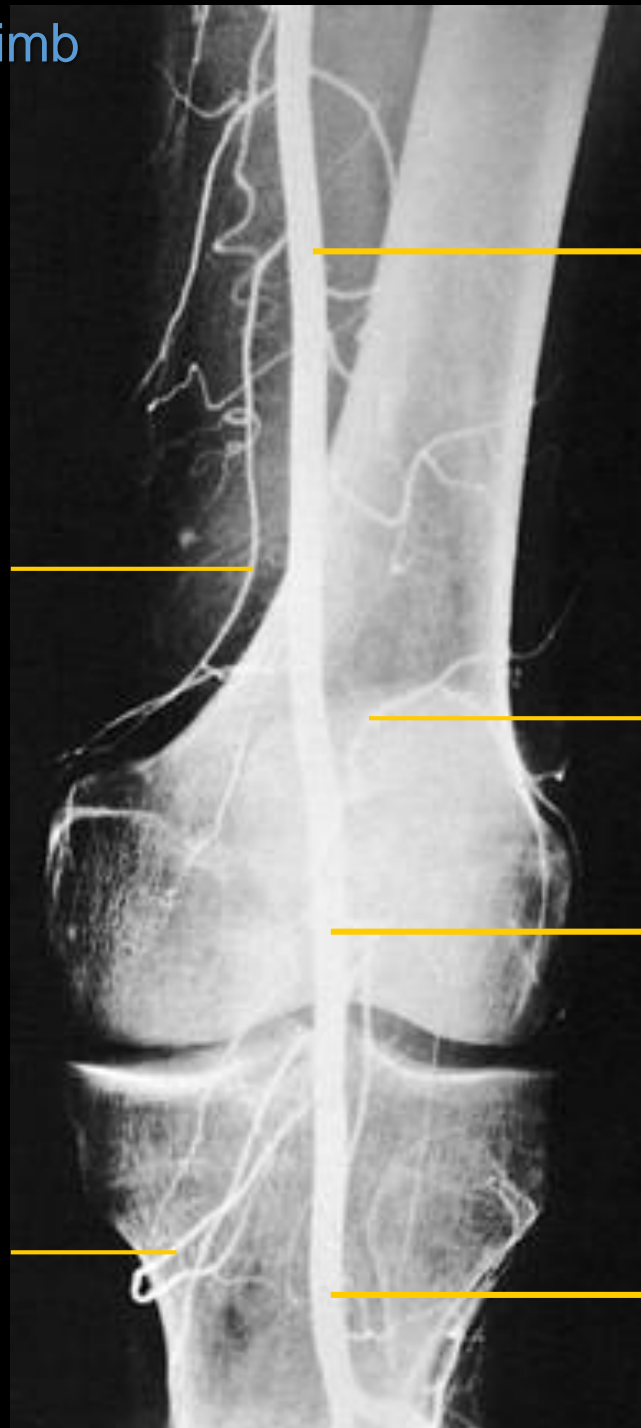
aa. perforantes



# Arteriography of the lower limb

a. genus desc.

a. genus inf.



A. femoralis

a. genus sup.

A. poplitea

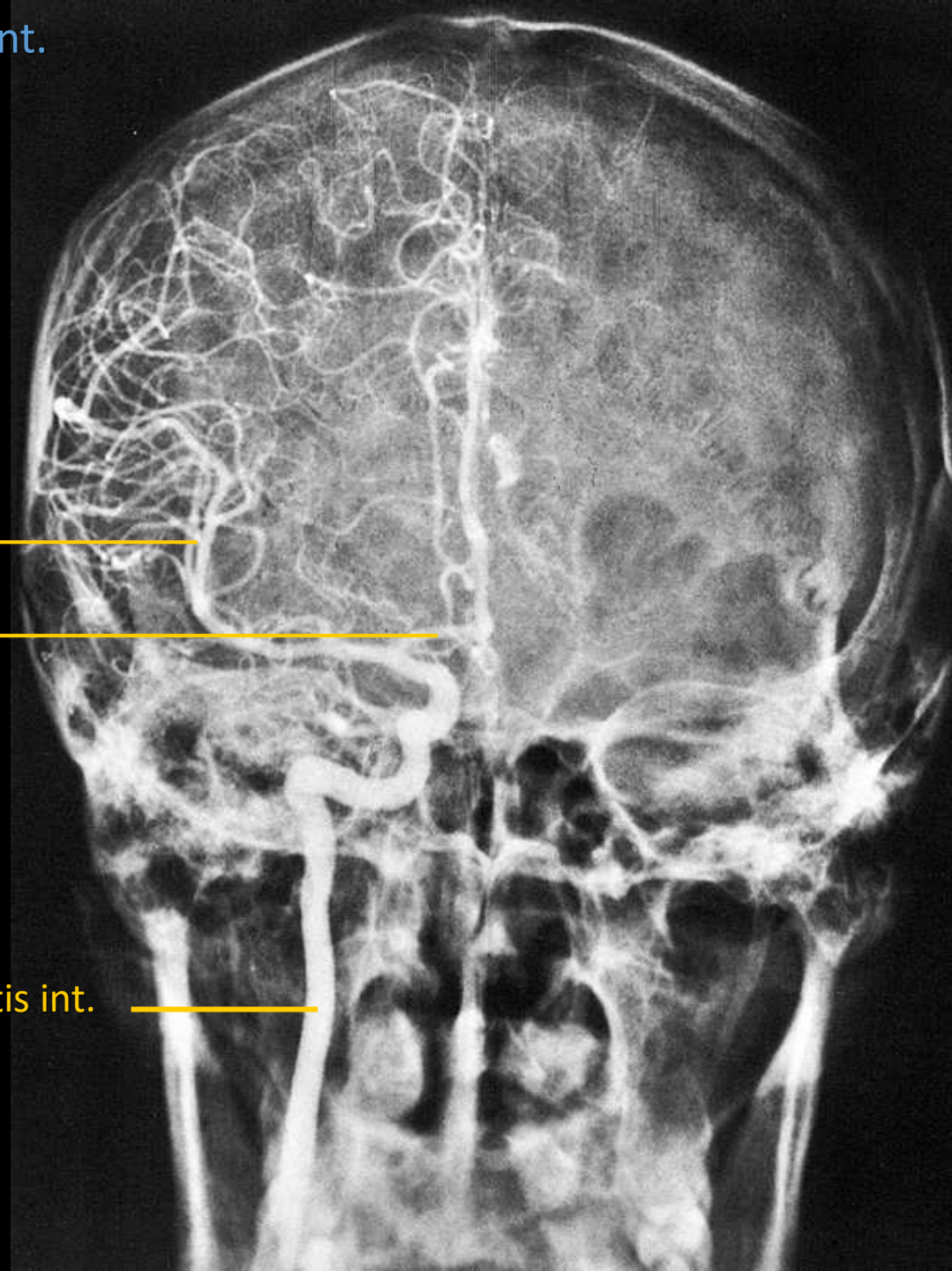
A. tibialis post.

Arteriography - a. carotis int.  
sagittal projection

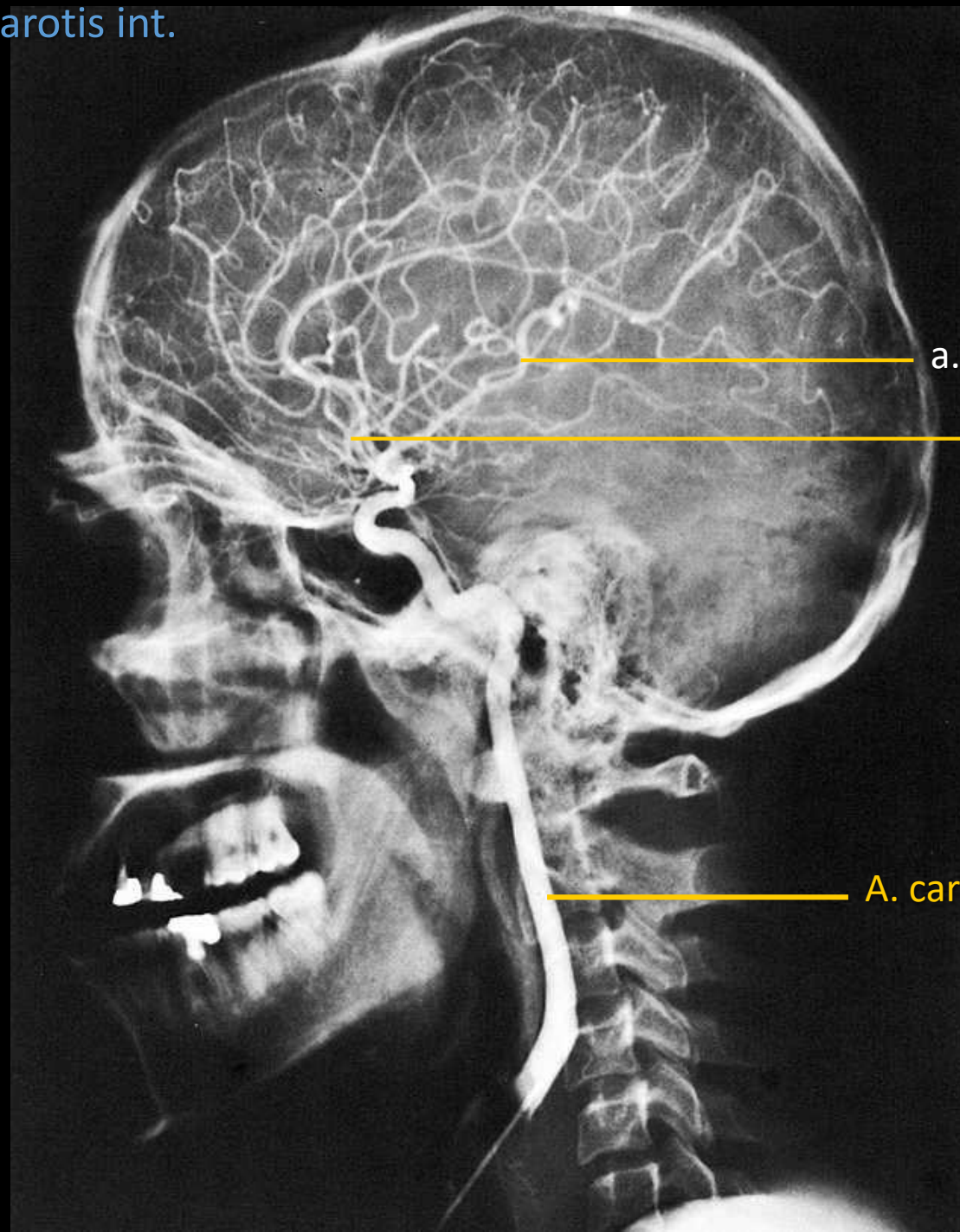
a. cerebri media

a. cerebri ant.

A. carotis int.



Arteriography - a. carotis int.  
lateral projection



a. cerebri media

a. cerebri ant.

A. carotis int.

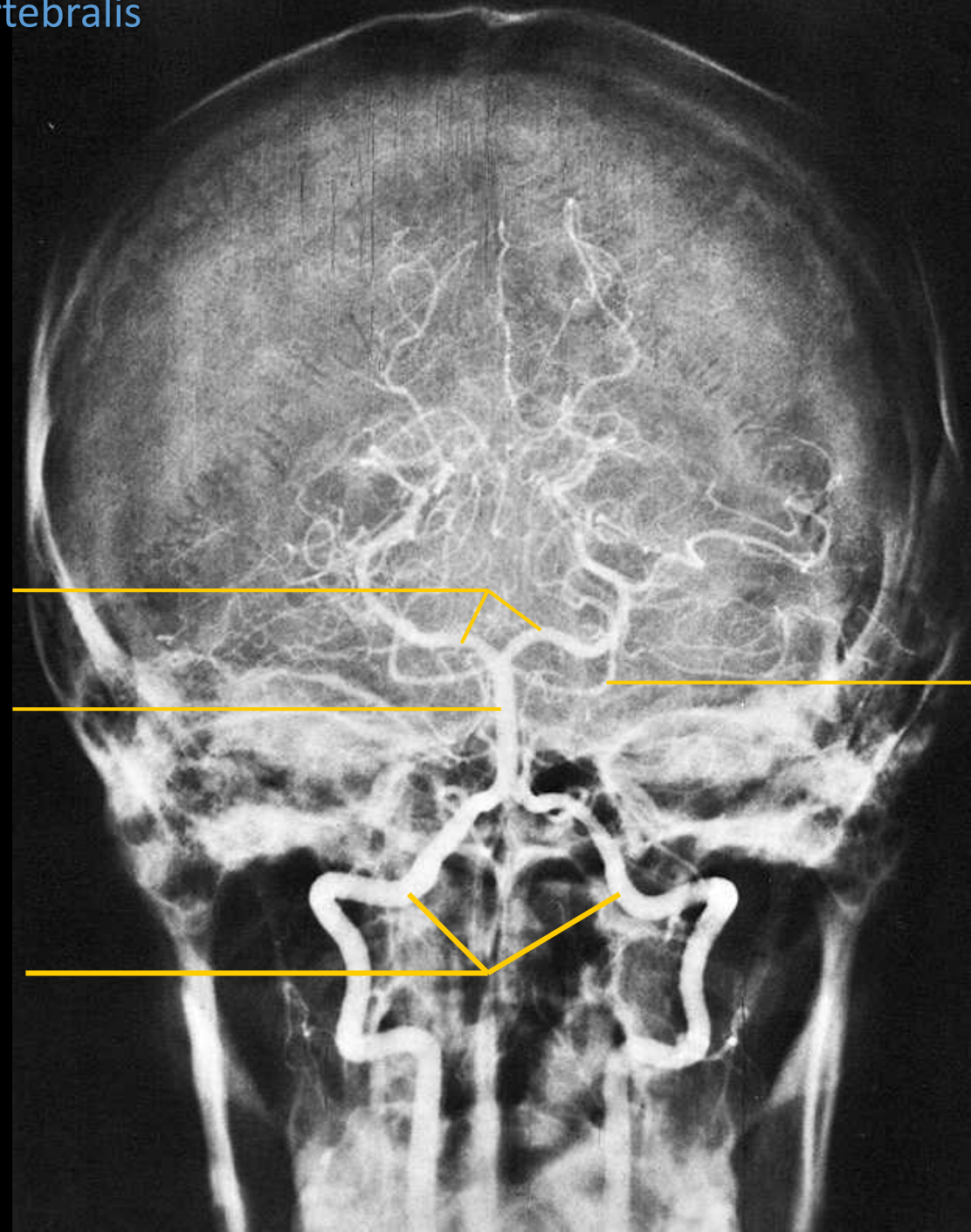


Arteriography - a. vertebralis  
sagittal projection

aa. cerebri post.

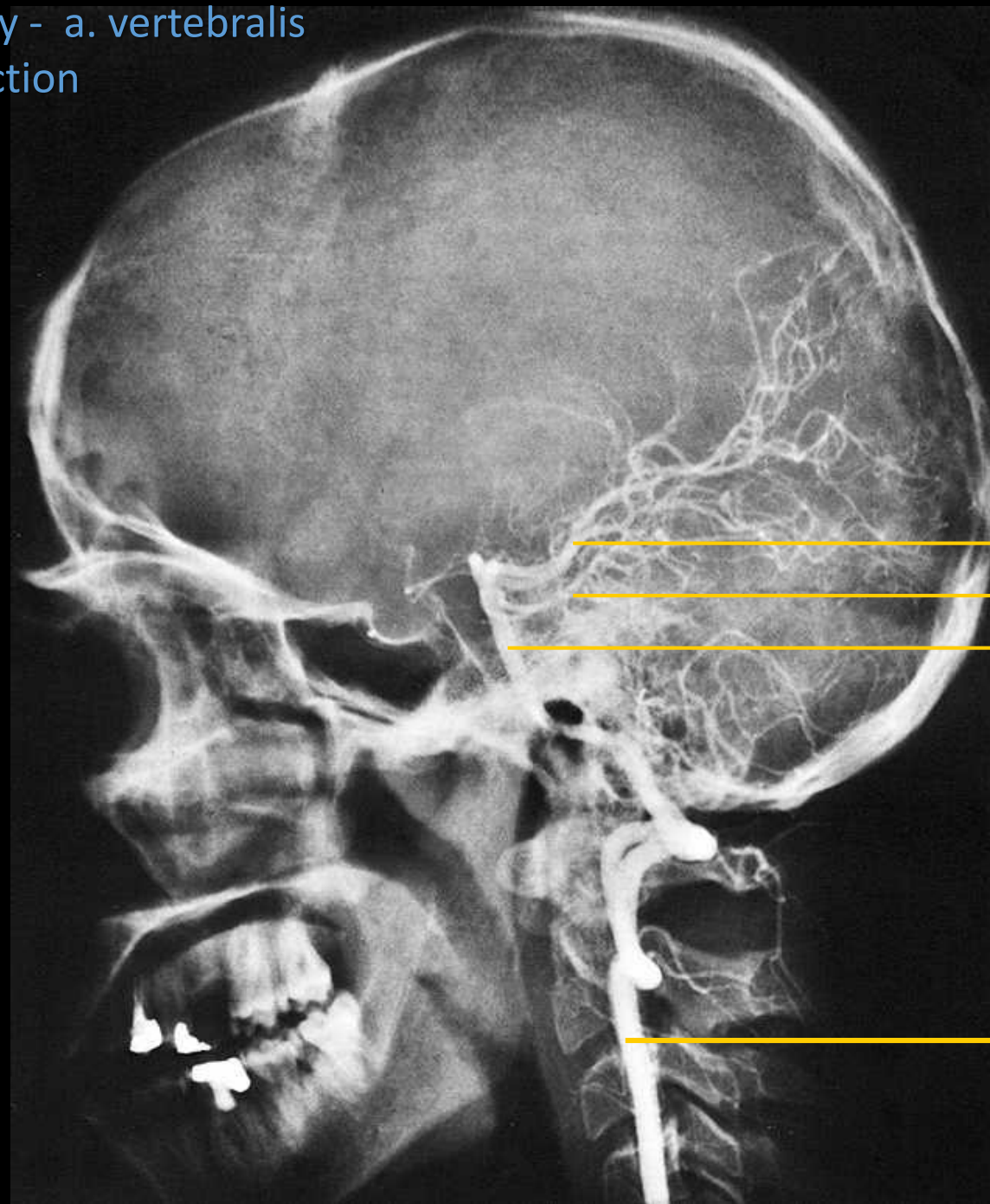
a. basilaris

Aa. vertebrales



a. cerebelli sup.

Arteriography - a. vertebralis  
lateral projection



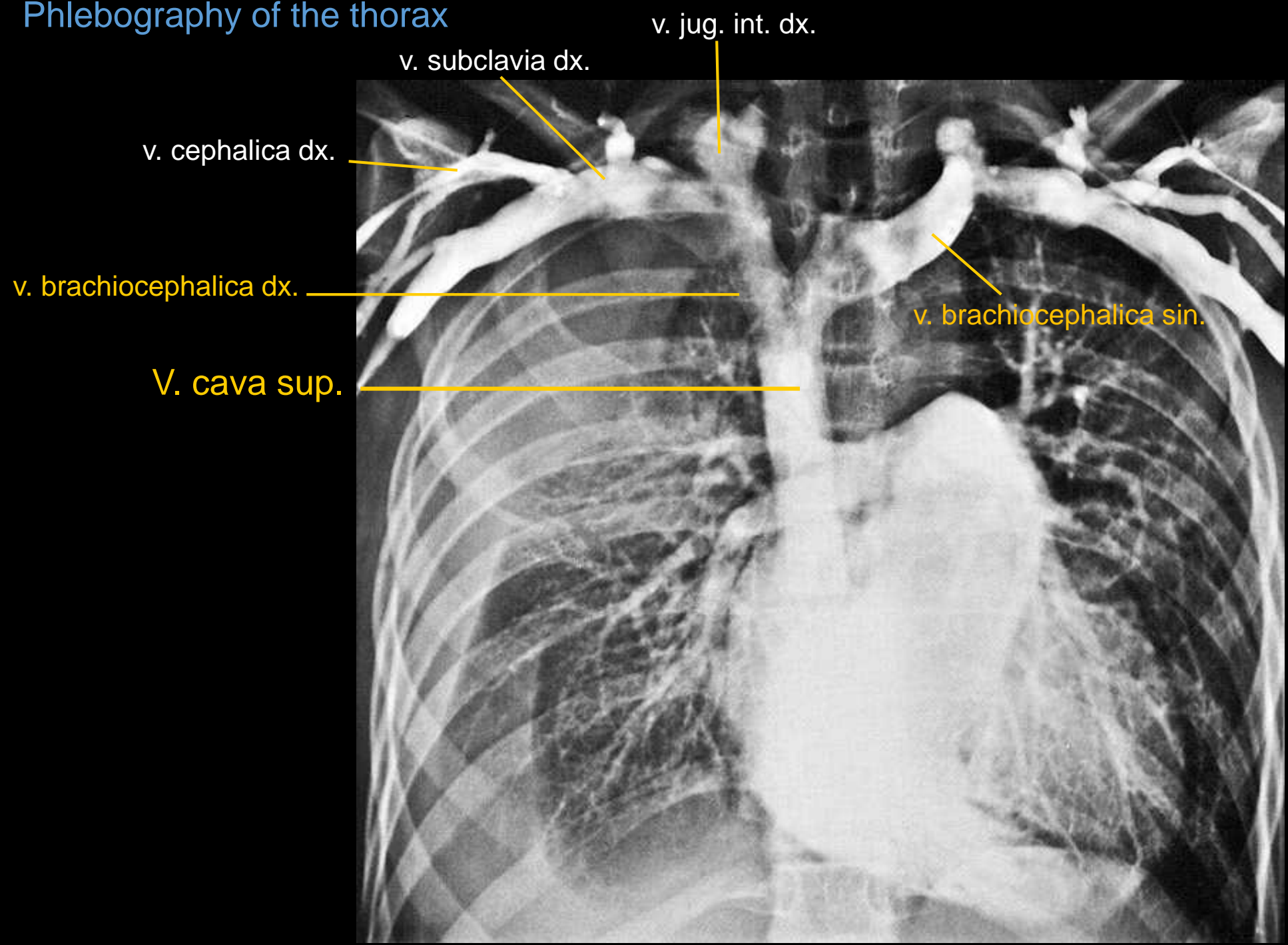
a. cerebri post.

a. cerebelli sup.

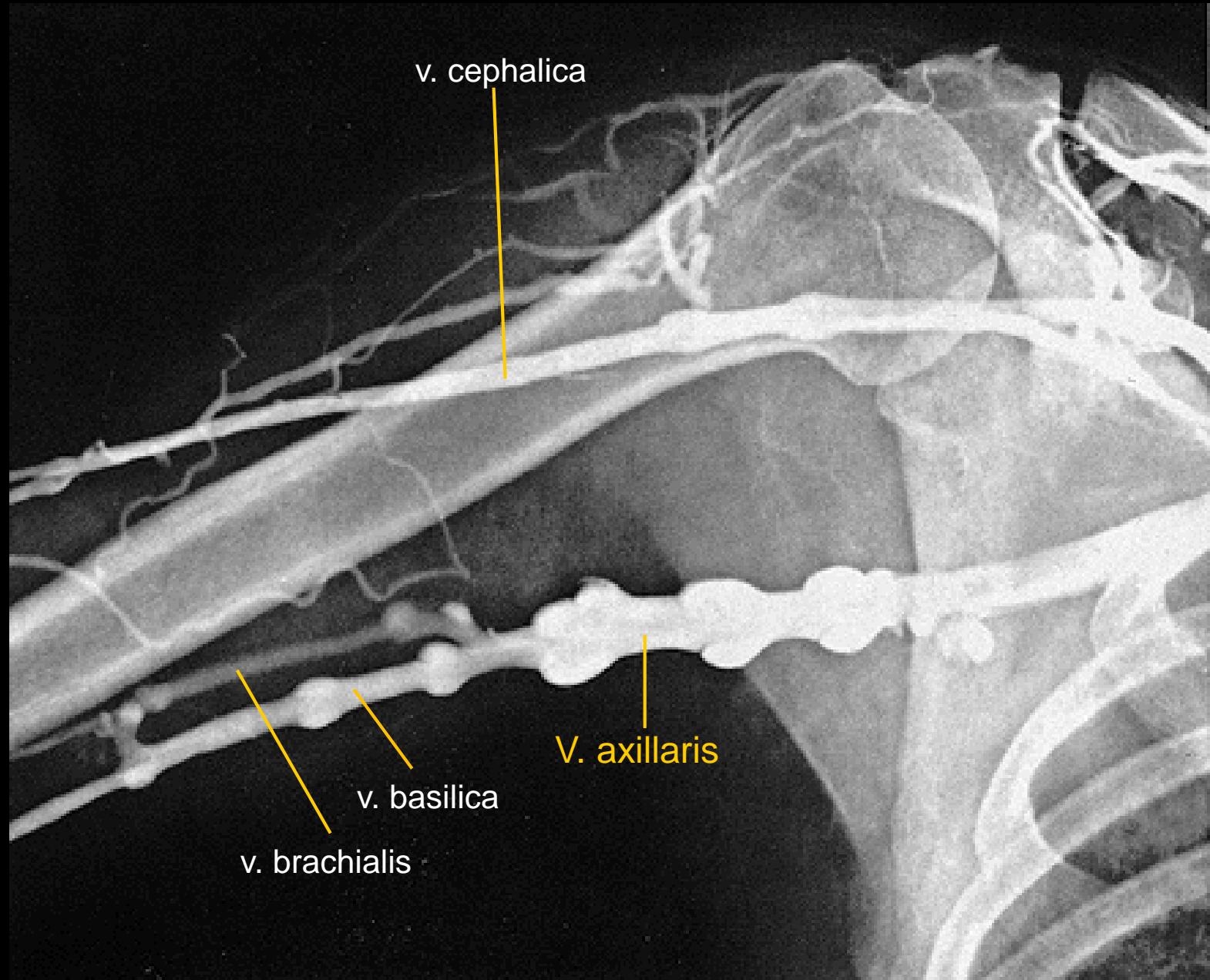
a. basilaris

A. vertebralis

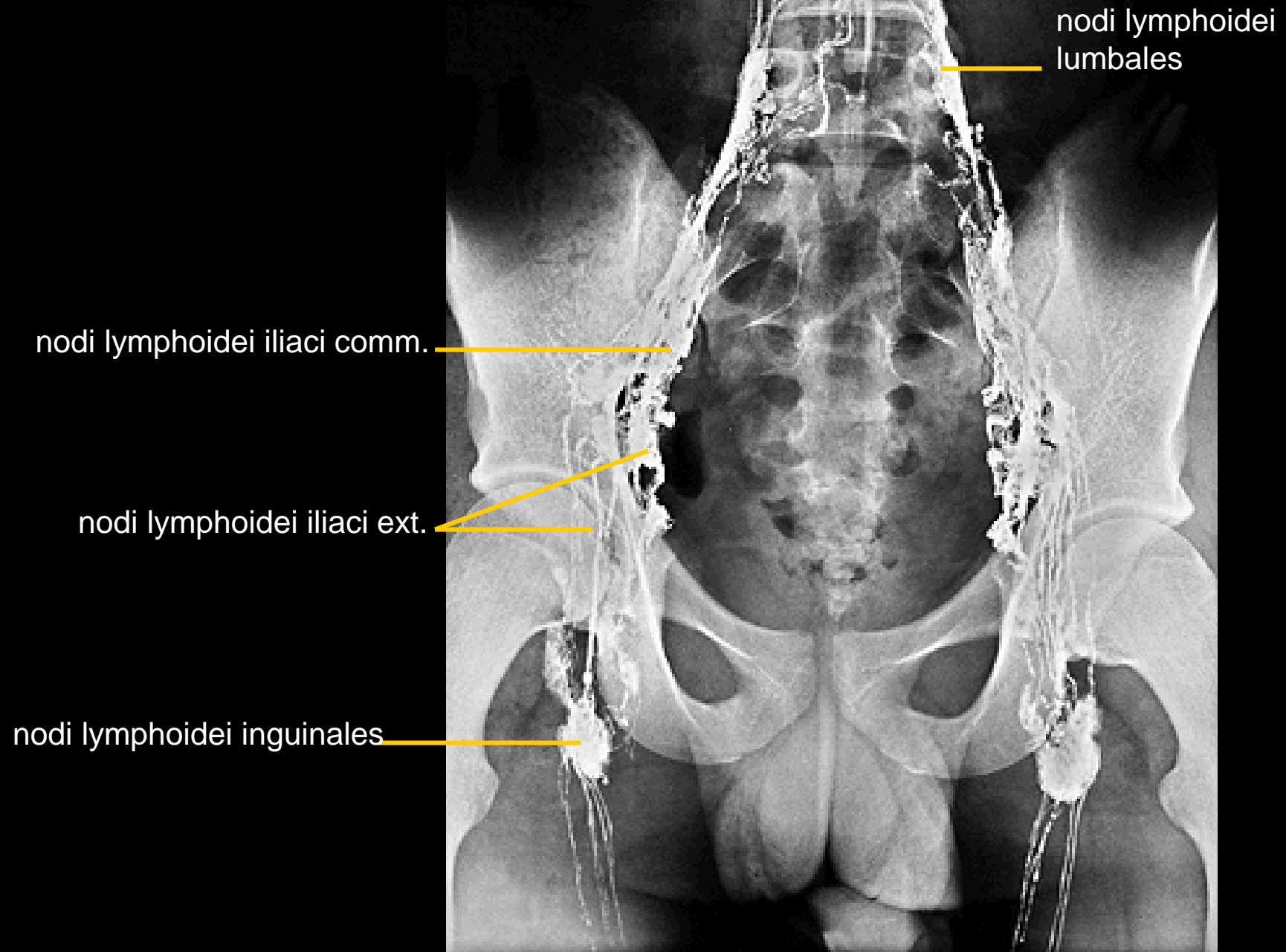
# Phlebography of the thorax



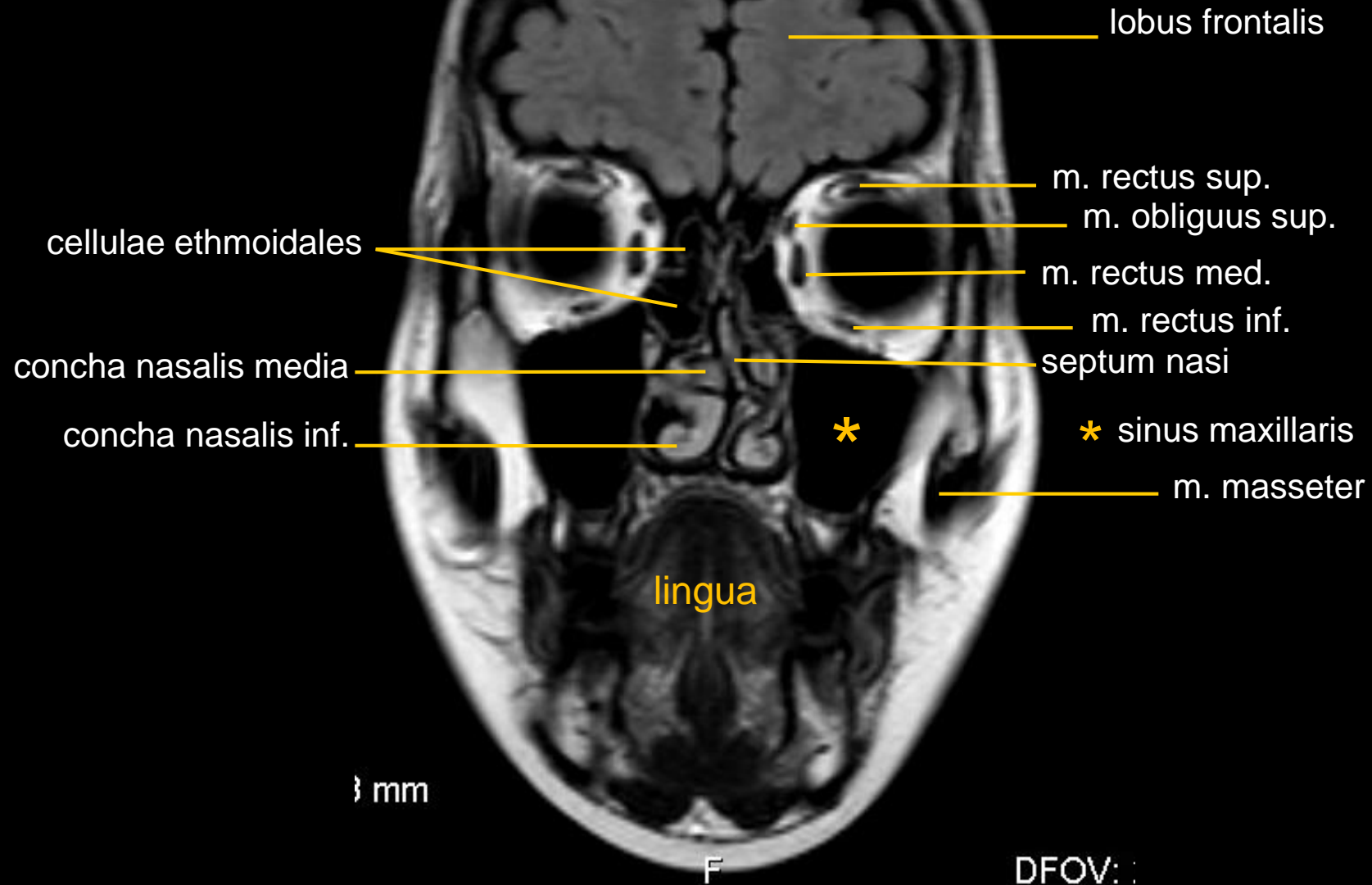
# Phlebography of the upper limb



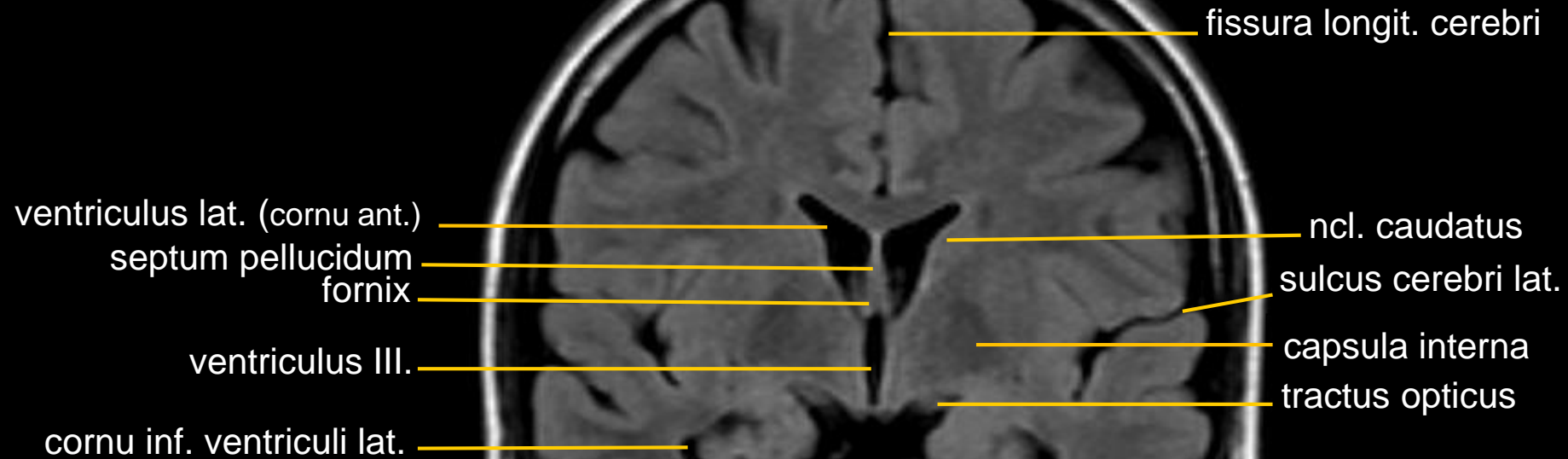
# Lymfography of the abdomen and lower limbs



MRI of the head  
coronal section



MRI of the head  
coronal section



0.868 mm  
n

# MRI of the head

## sagittal section

septum  
pellucidum

corpus  
mammilare

hypophysis

pons

gyrus cinguli

corpus callosum

fornix

thalamus

sulcus  
hypothalamicus

corpora quadrigemina

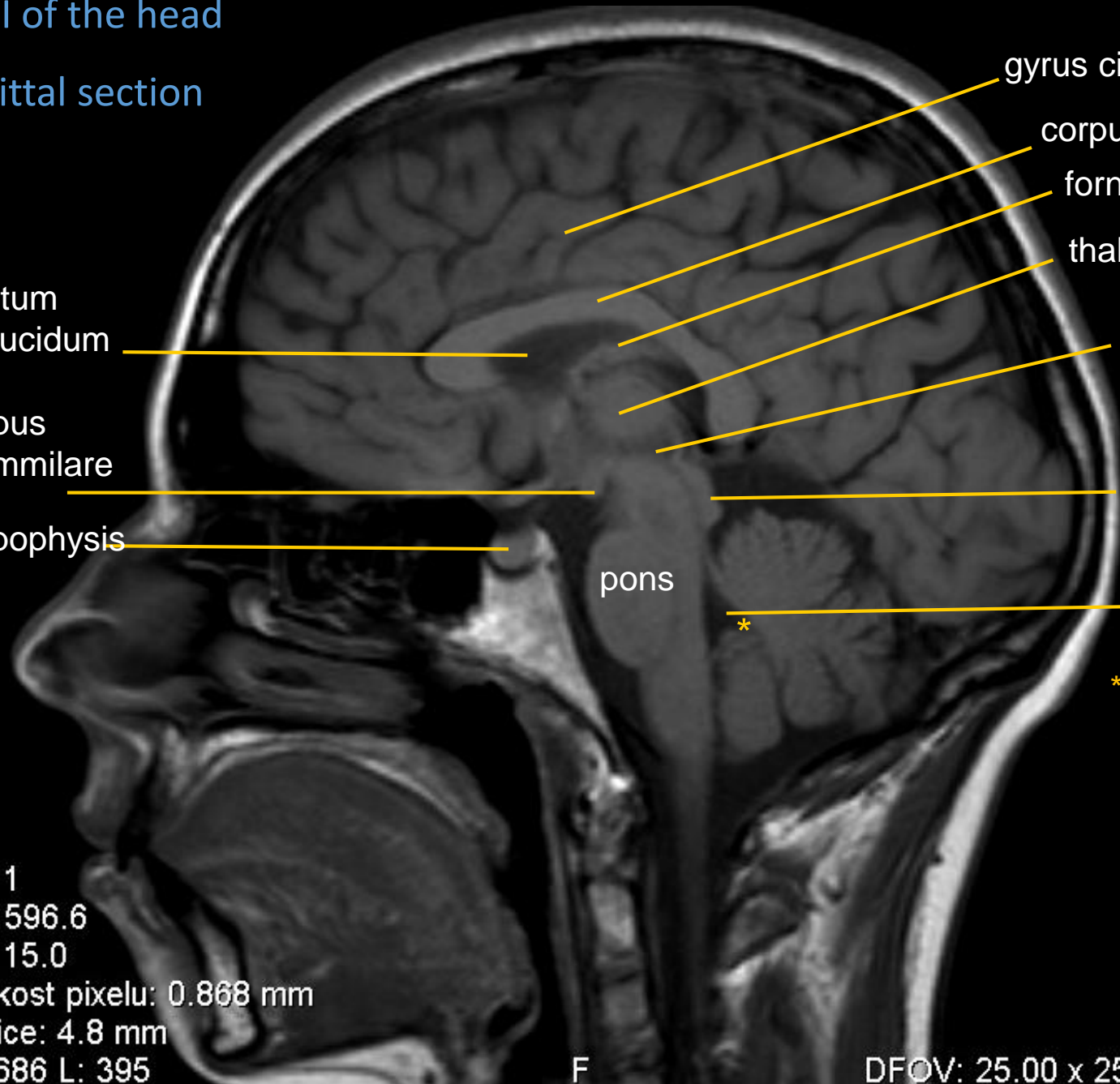
IV ventricle

\* fastigium

1  
596.6  
15.0  
kost pixelu: 0.868 mm  
ice: 4.8 mm  
686 L: 395

F

DFOV: 25.00 x 25





# MRI of the head - transverse section



corpus callosum  
forceps major

fornix

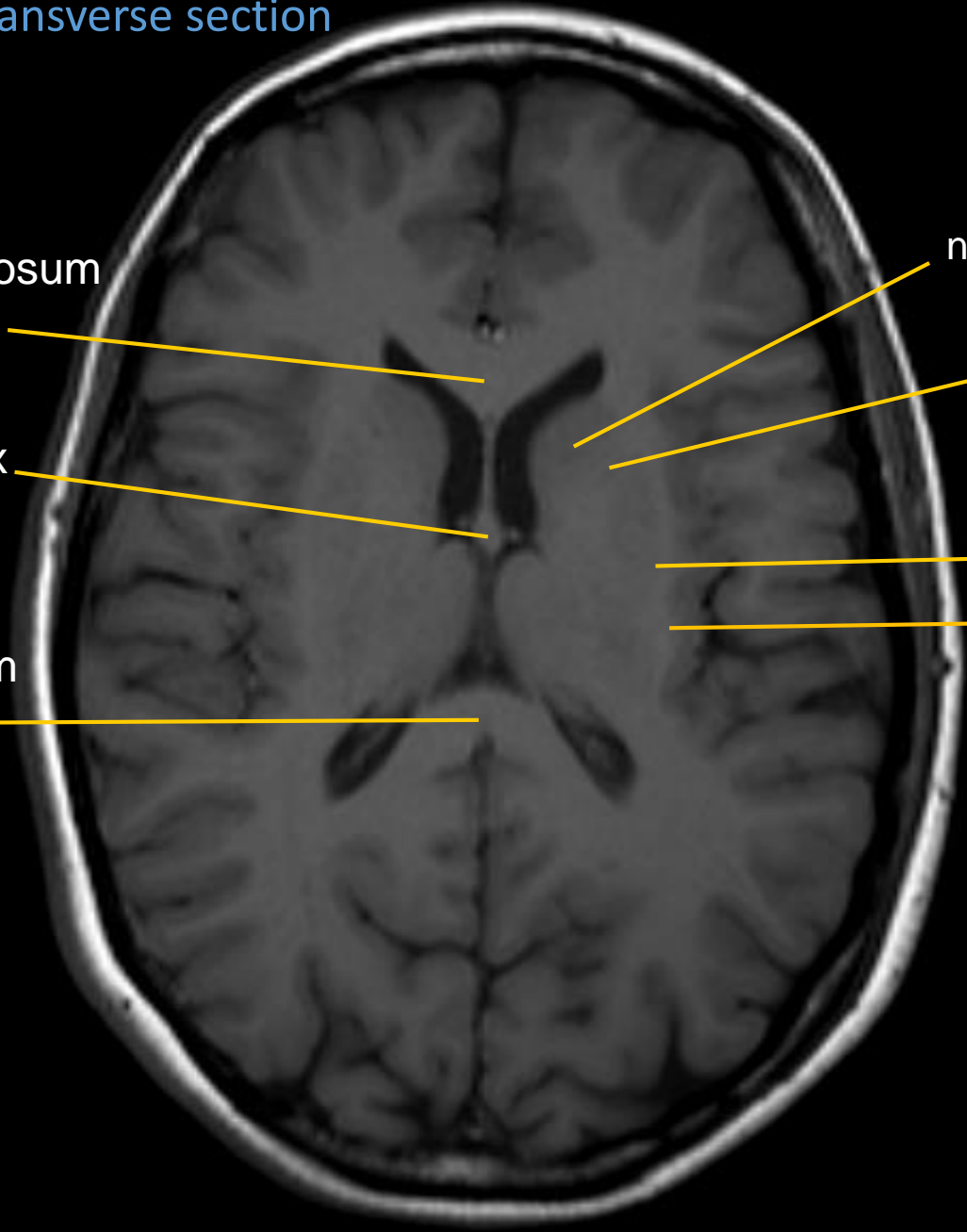
corpus callosum  
forceps minor

ncl. caudatus

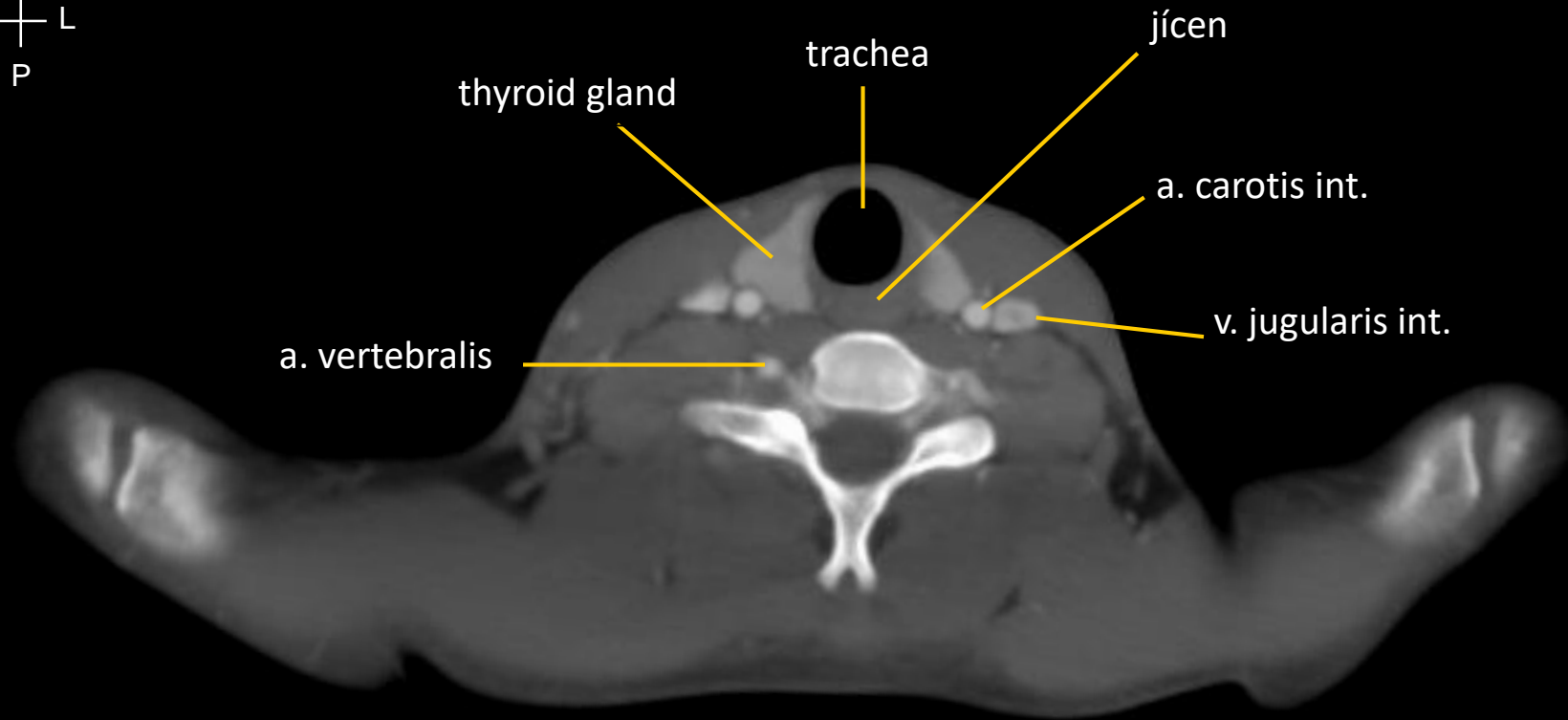
capsula interna

putamen

capsula externa

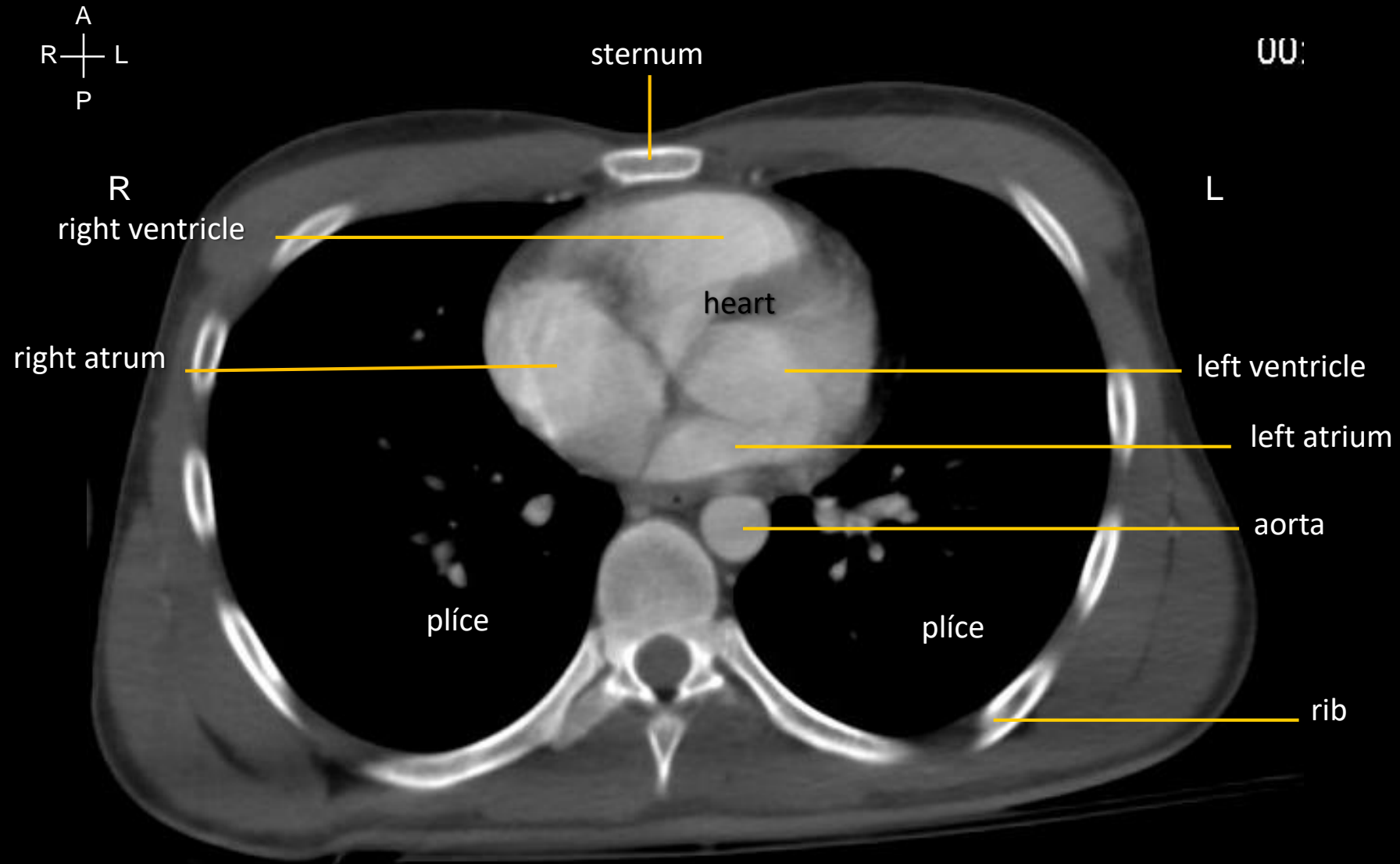


# CT of the neck - transverse section



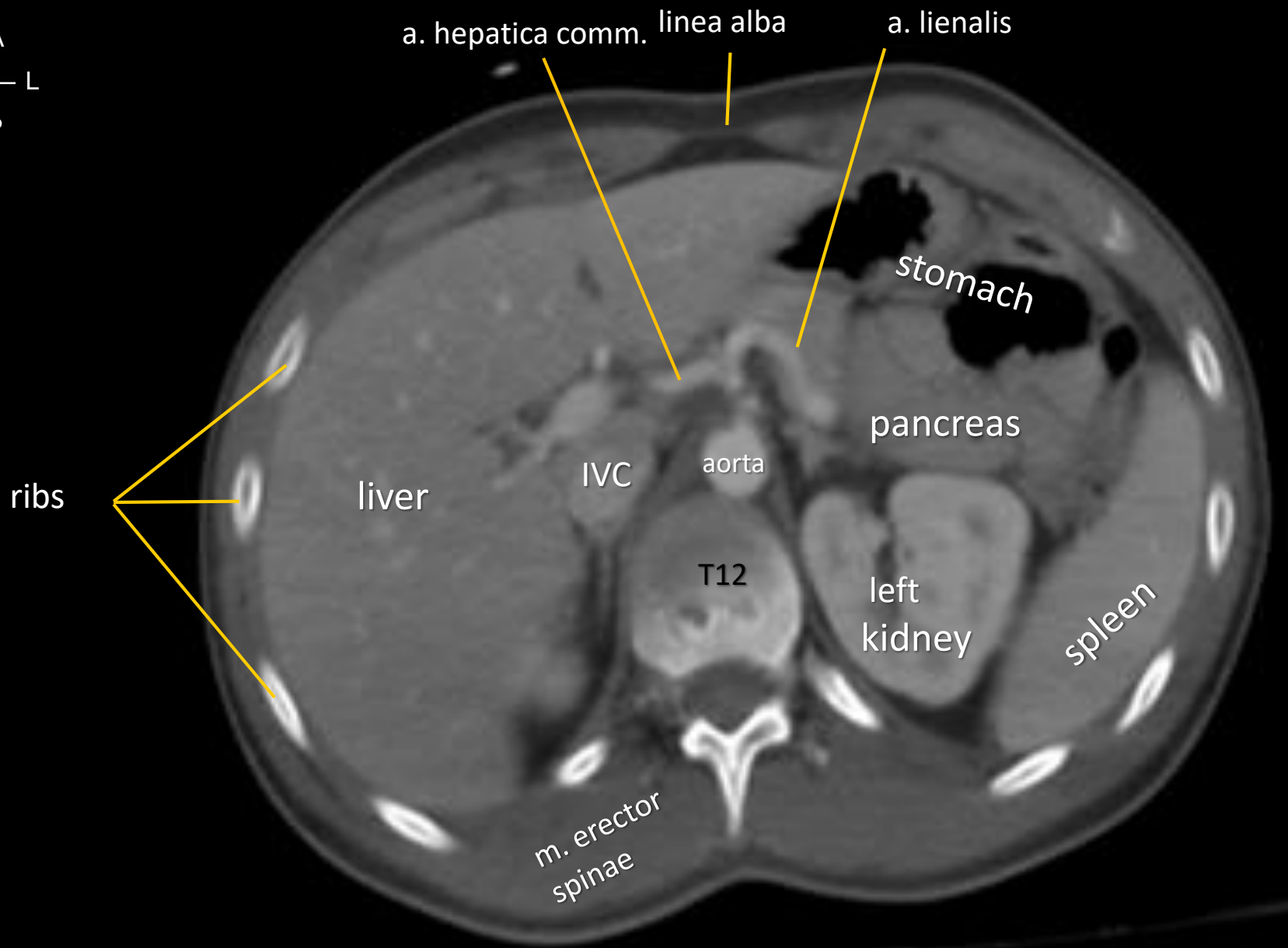
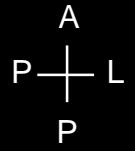
Section through the body of C7

# CT of the thorax - transverse section

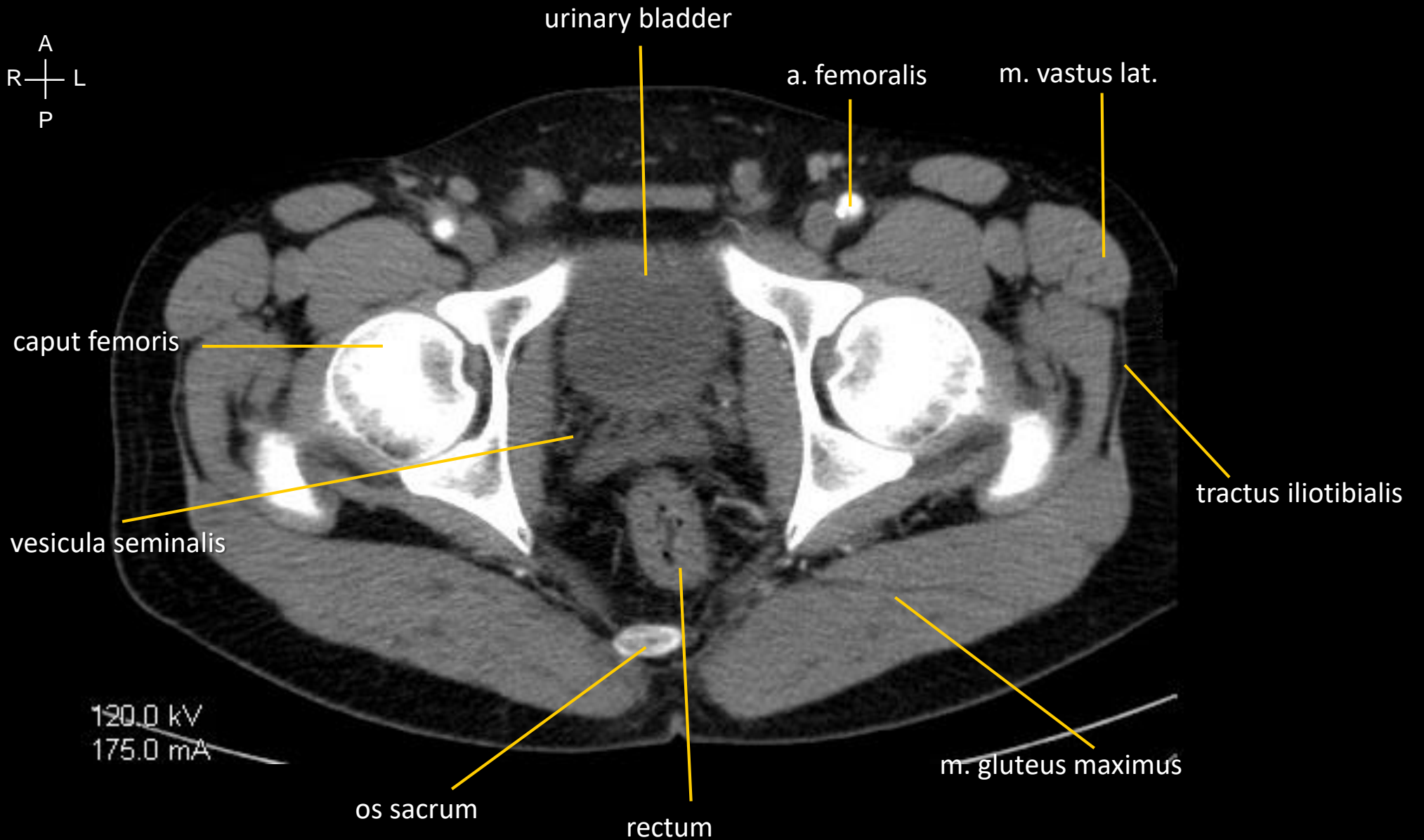


Section between T7 and T8

# CT of the abdomen - transverse section



# CT of the male pelvis - transverse section



Section at the level of S5