

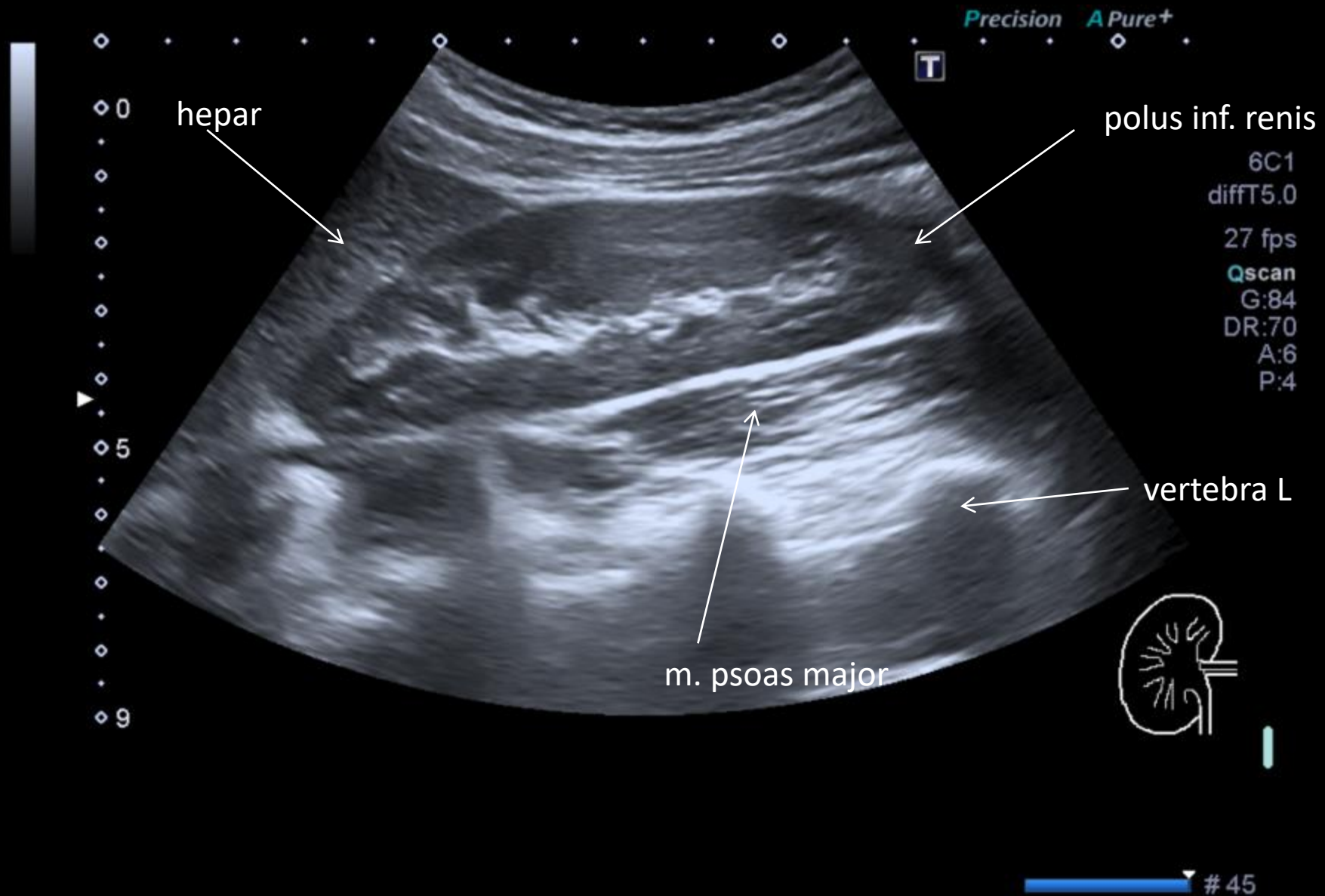
Ondřej Naňka
Institute of Anatomy



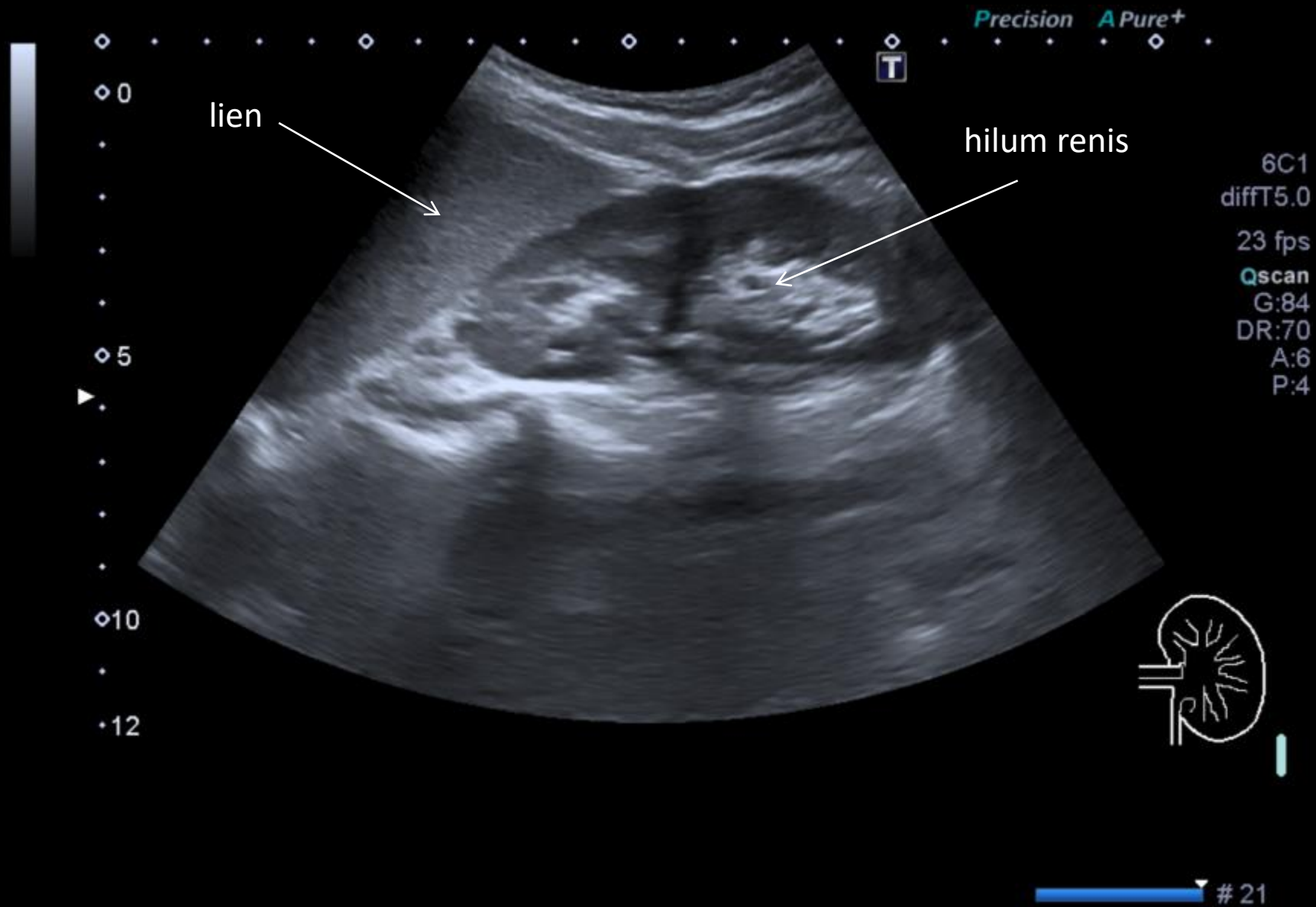
ZOBRAZOVACÍ METODY UROGENITÁLNÍHO SYSTÉMU

UROGENITAL SYSTEMS -
IMAGING METHODS

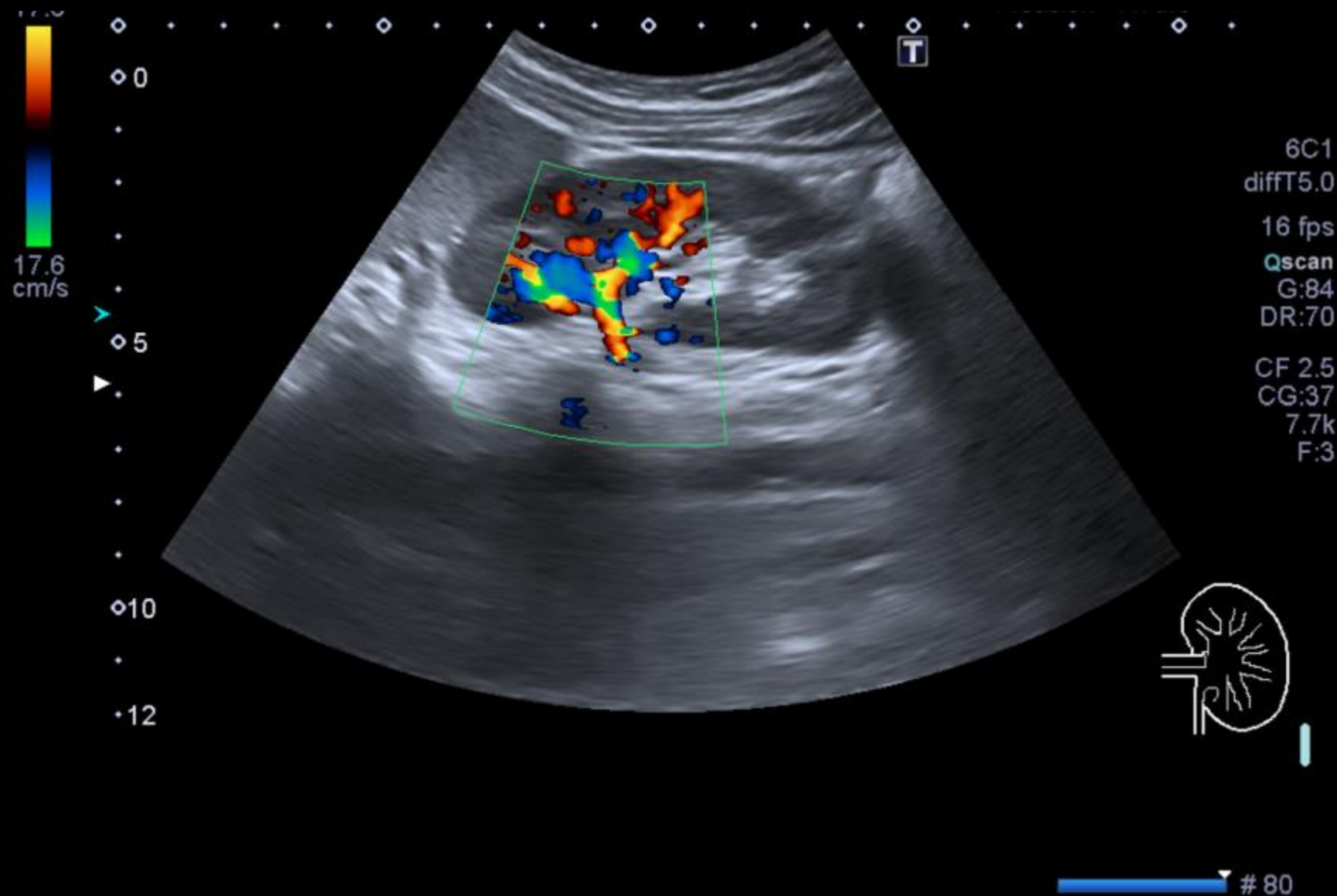
Ultrazvukové vyšetření ledvin / ultrasound of kidney



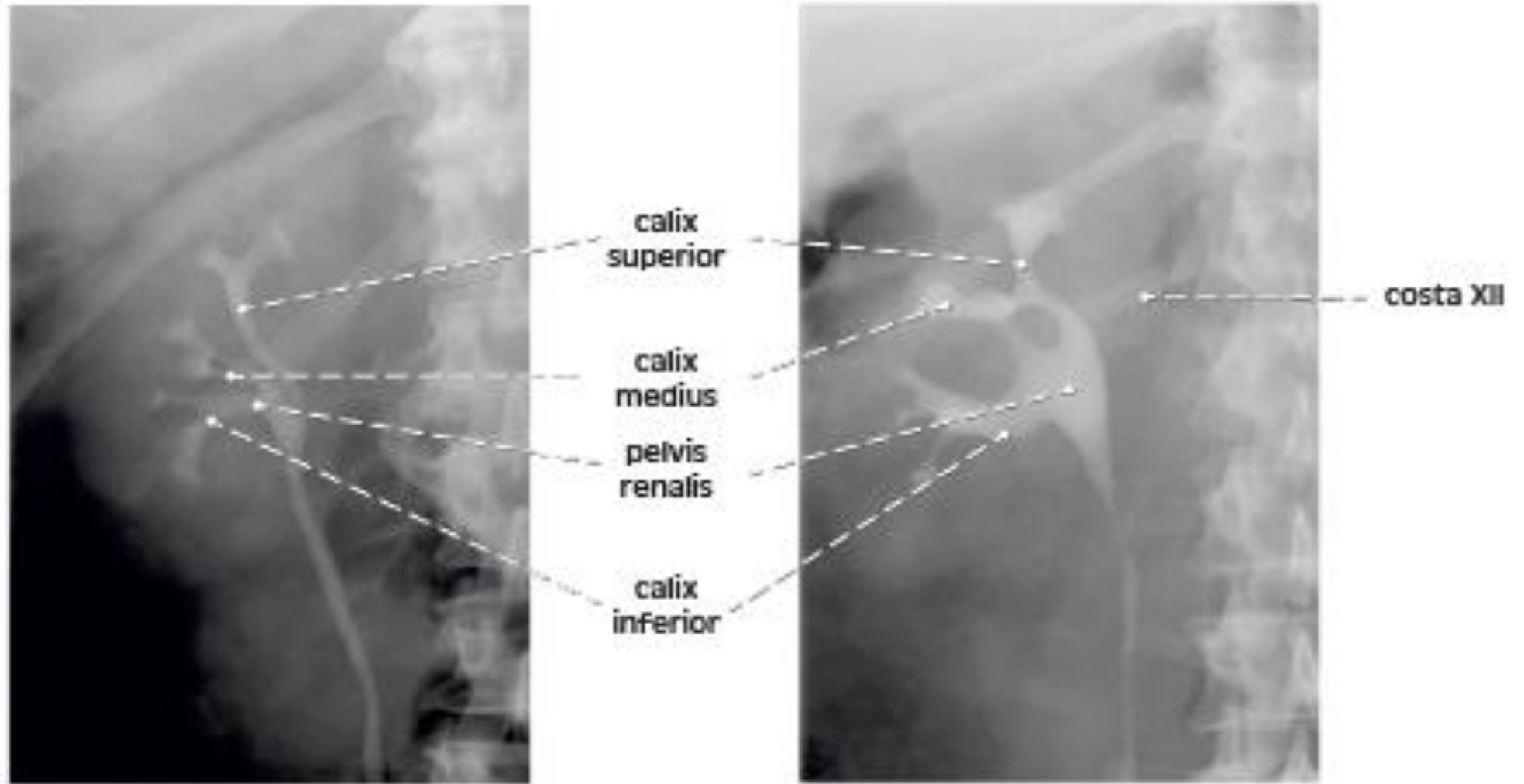
Ultrazvukové vyšetření ledvin / ultrasound of kidney



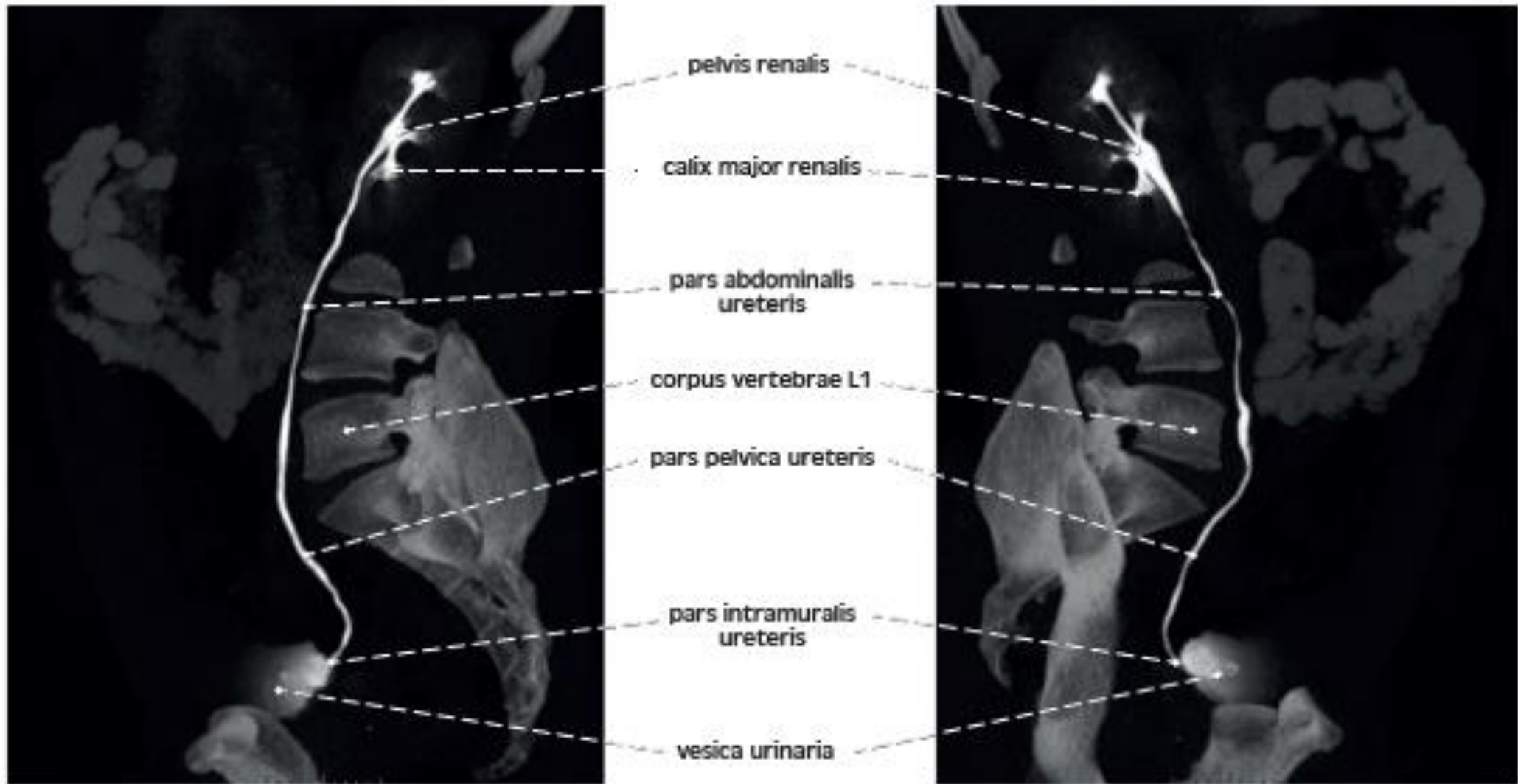
Ultrazvukové vyšetření ledvin – Dopplerovský signál / ultrasound of kidney Doppler's mod



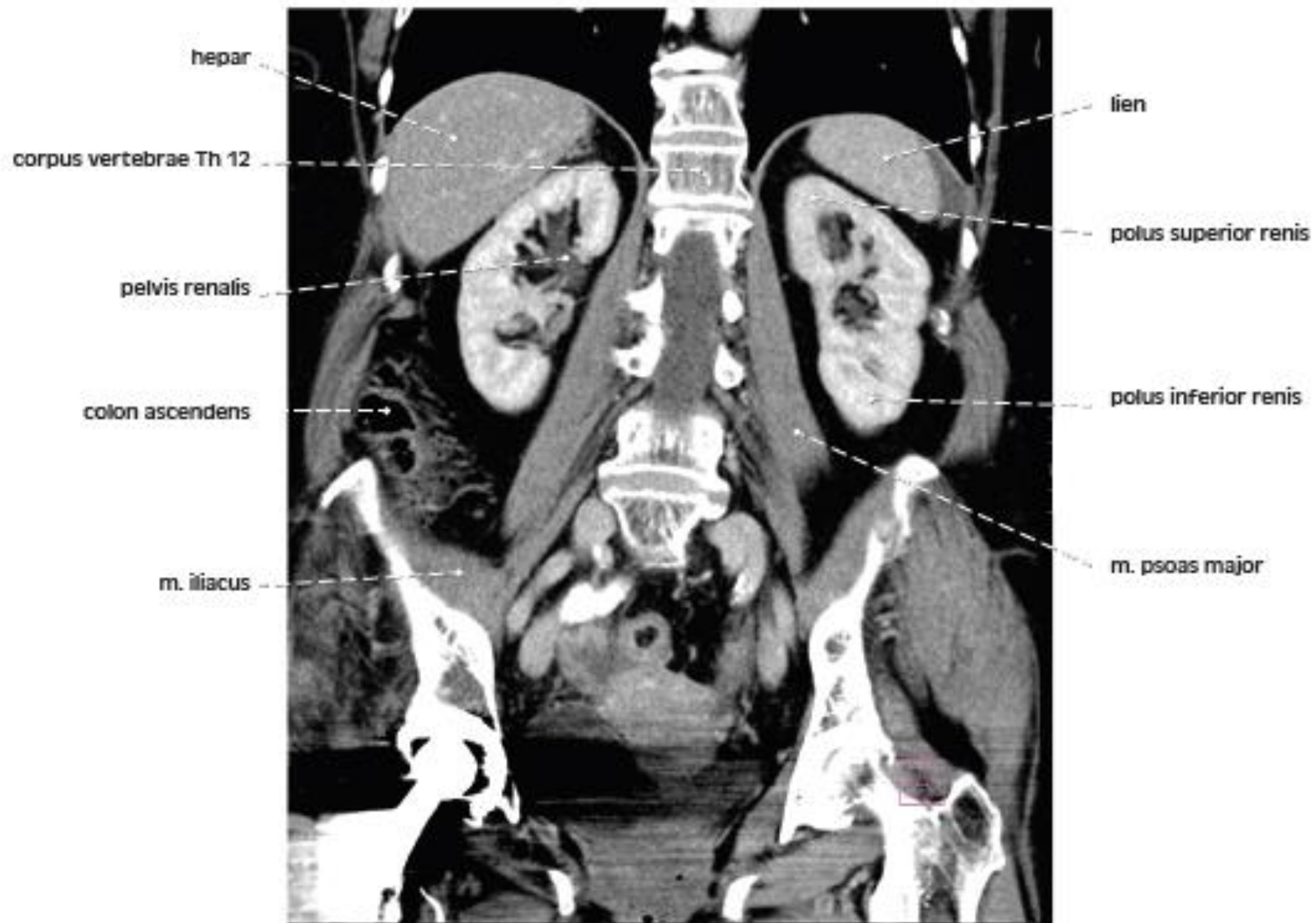
Urography with contrast medium



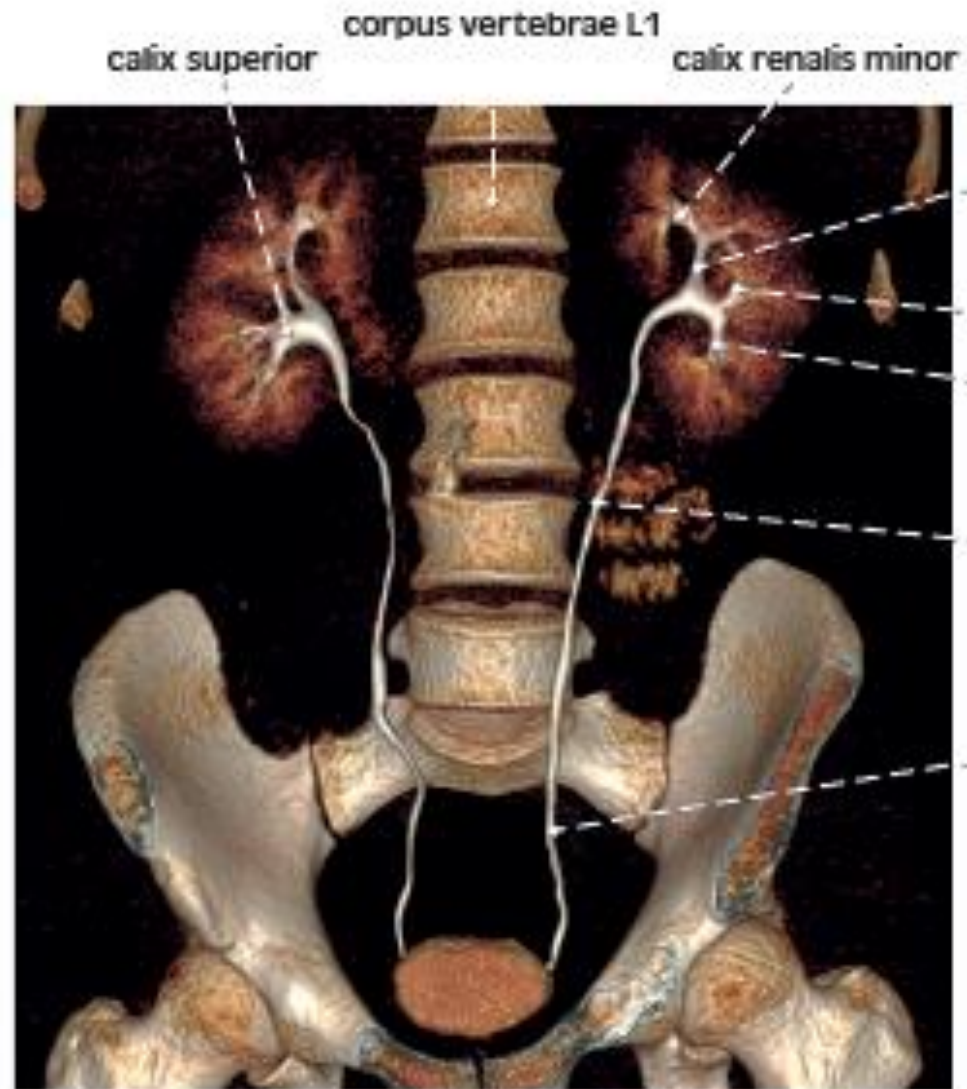
MRI Urography



CT in frontal plane



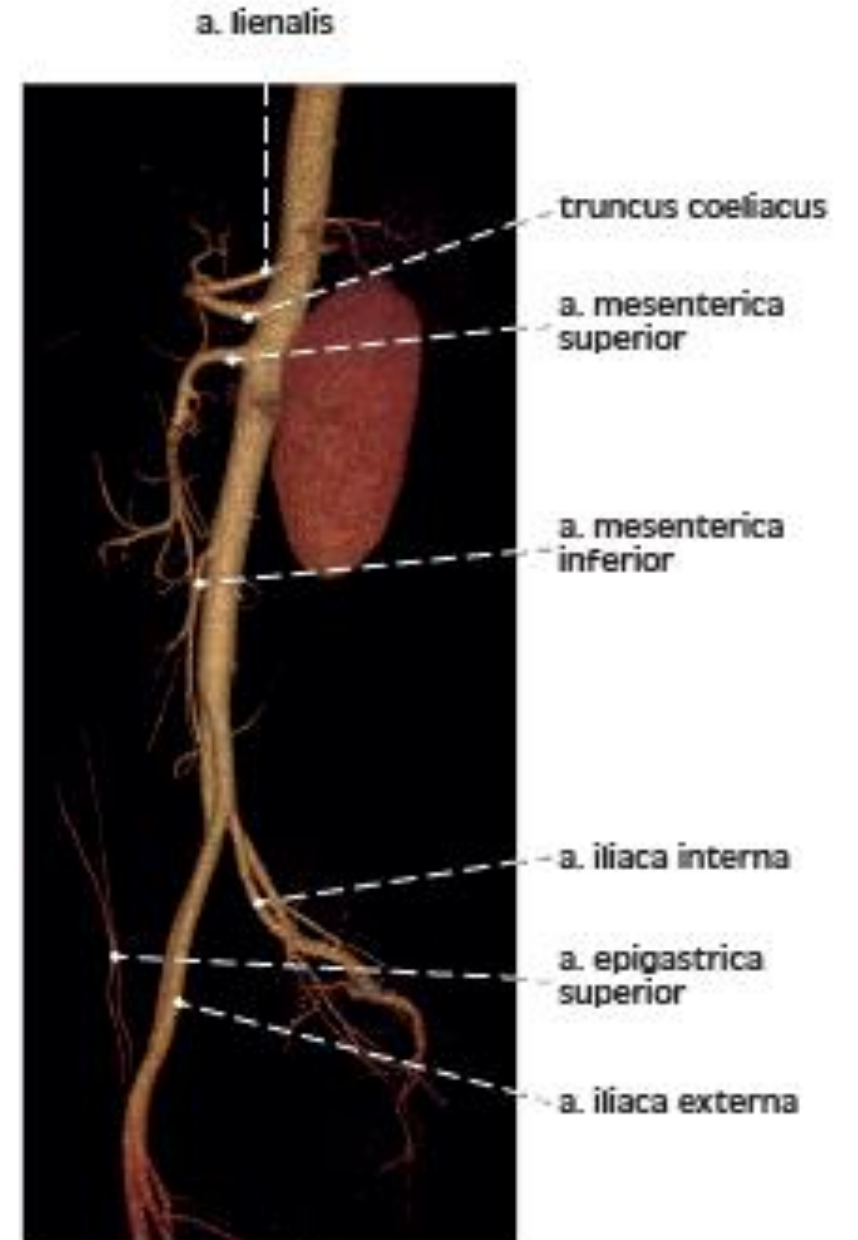
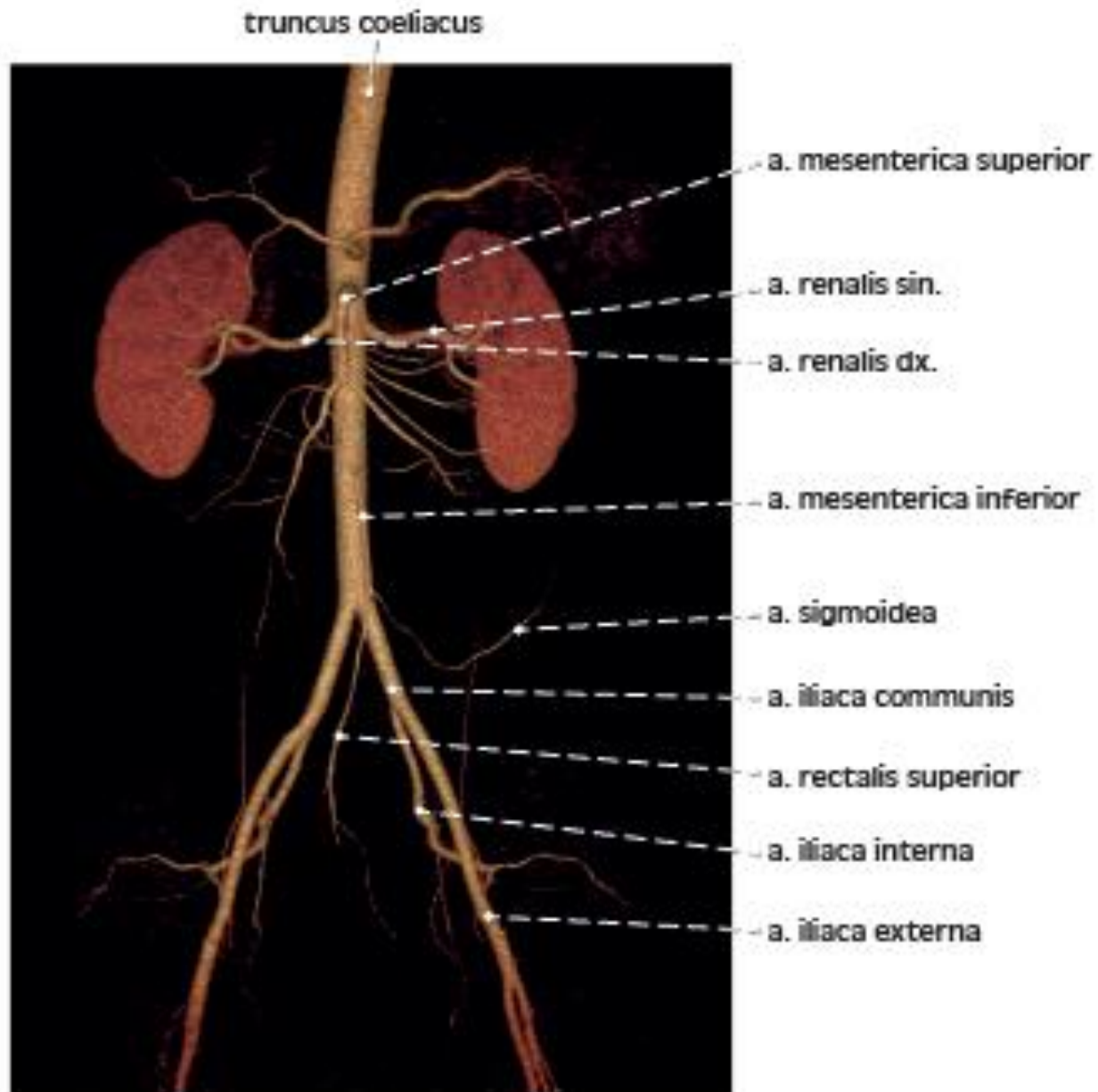
MRI Urography



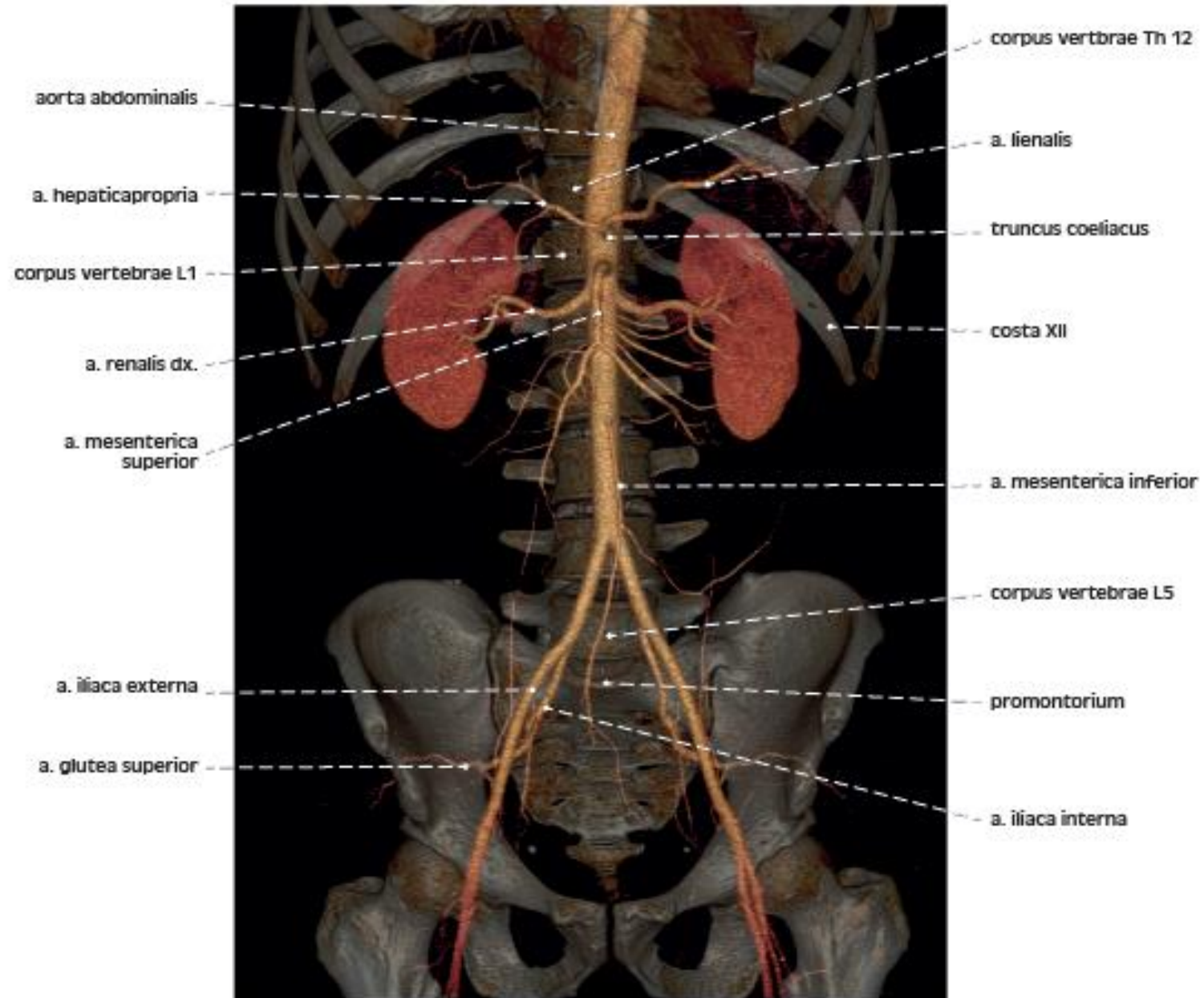
- calix superior
- pelvis renalis
- calix medius
- calix inferior
- pars pelvica ureteris
- pars abdominalis ureteris
- pars intramuralis ureteris



CT angiography



CT angiography



AngioCT

3D rekonstrukce

a. hepatica propria

a. renalis dx.

a. mesenterica sup.

Branches of superior
mesenteric artery

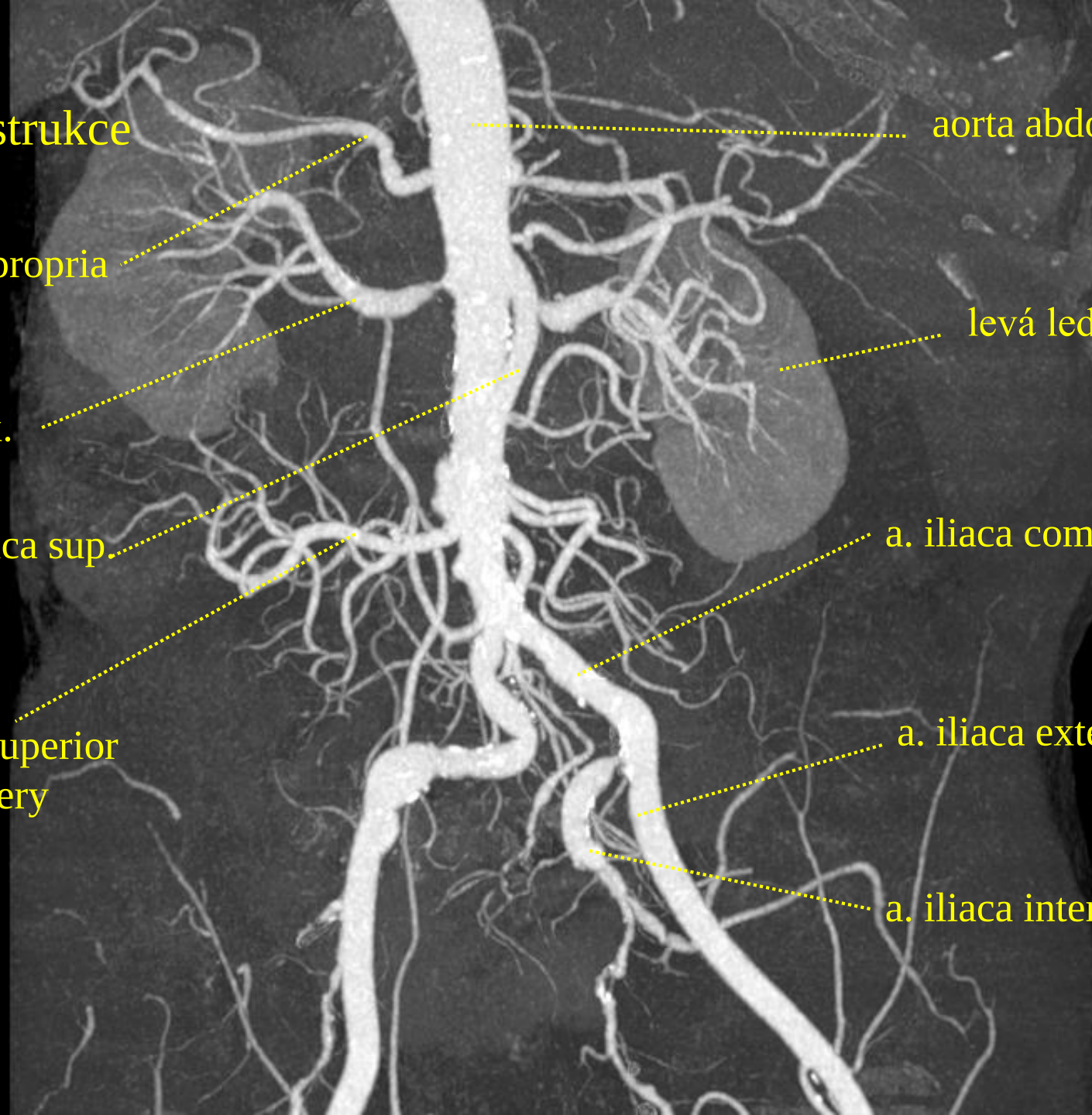
aorta abdominalis

levá ledvina

a. iliaca communis

a. iliaca externa

a. iliaca interna



AngioCT

3D rekonstrukce

a. hepatica propria

a. mesenterica sup.

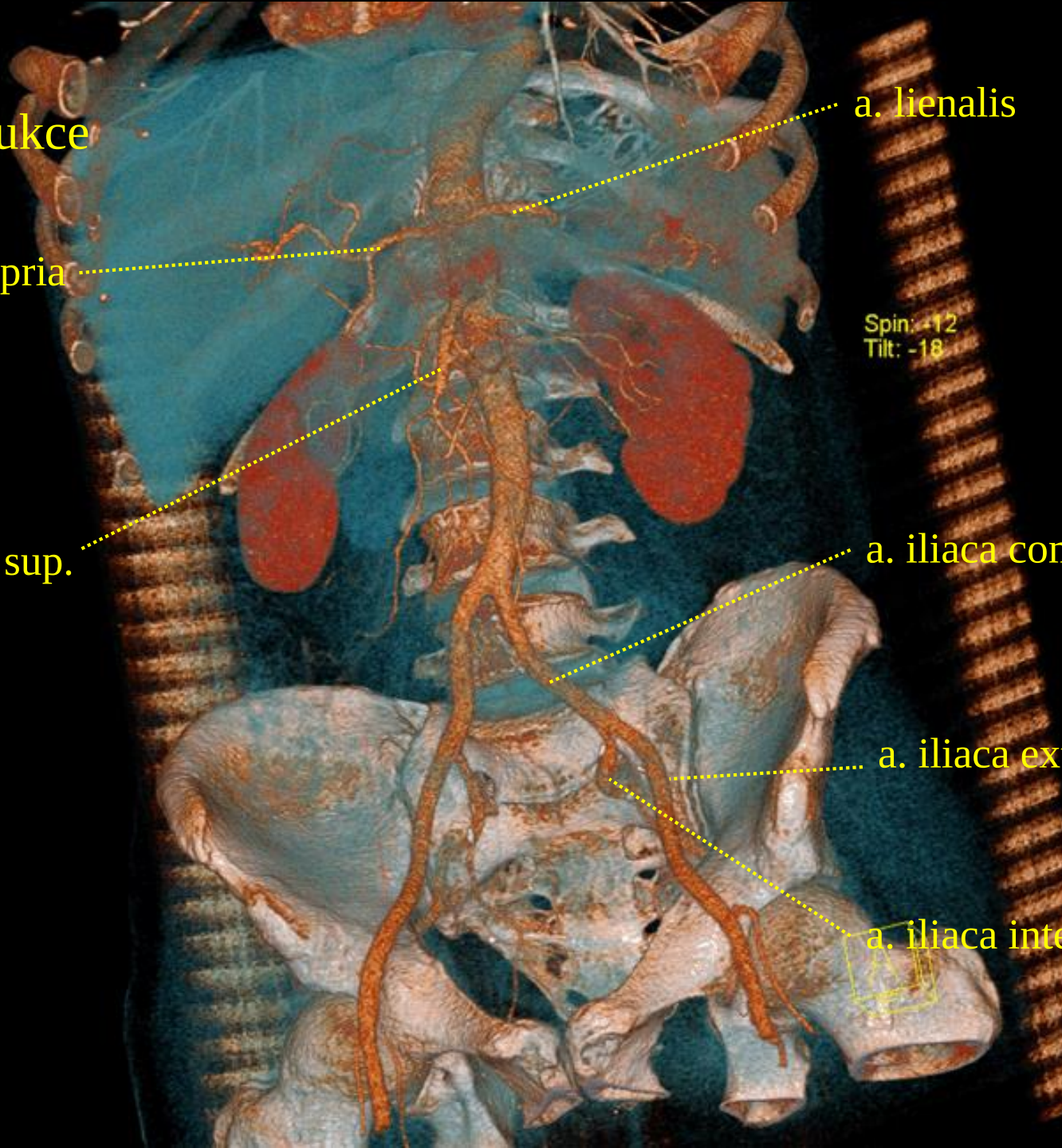
a. lienalis

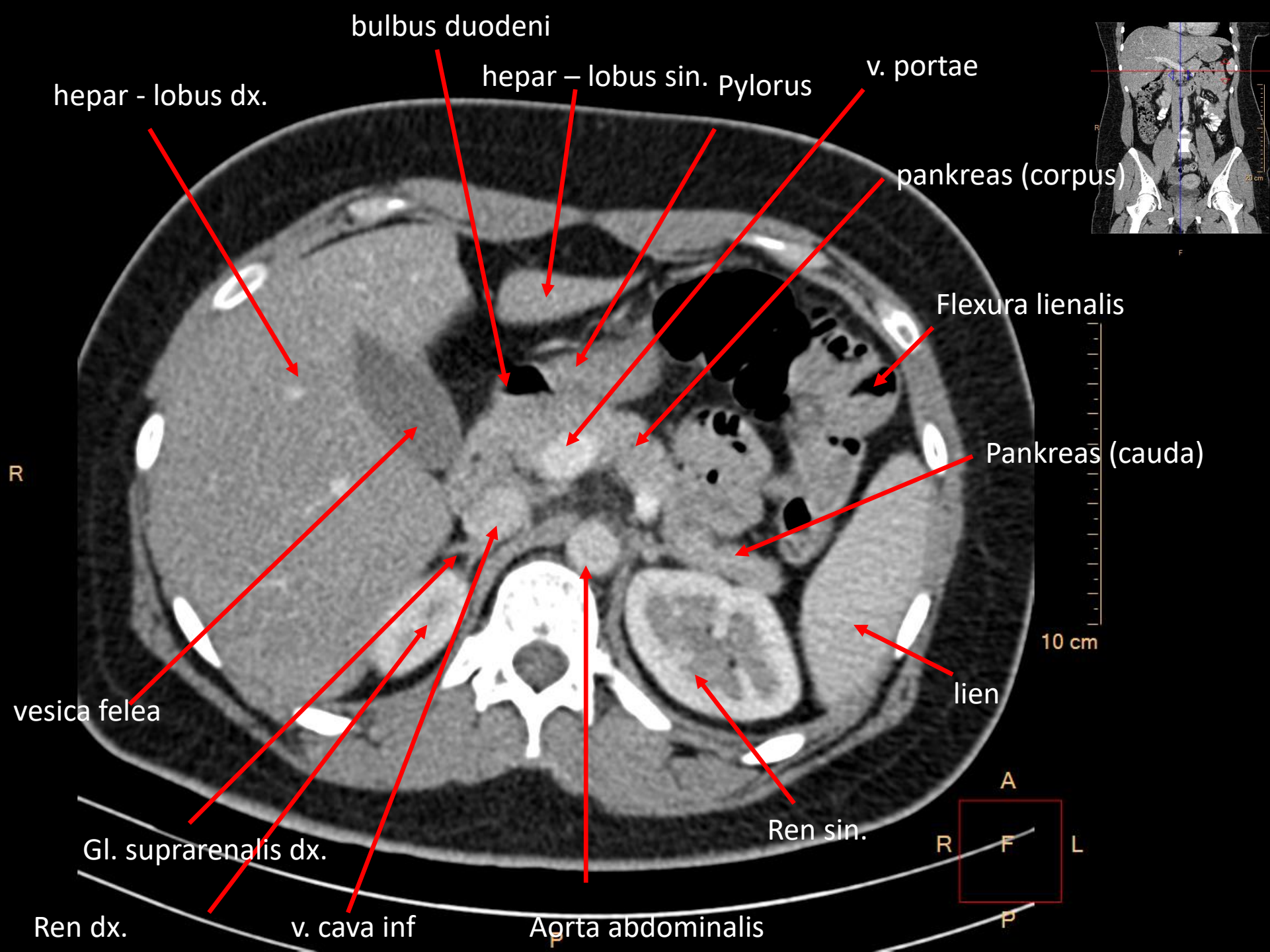
Spin: +12
Tilt: -18

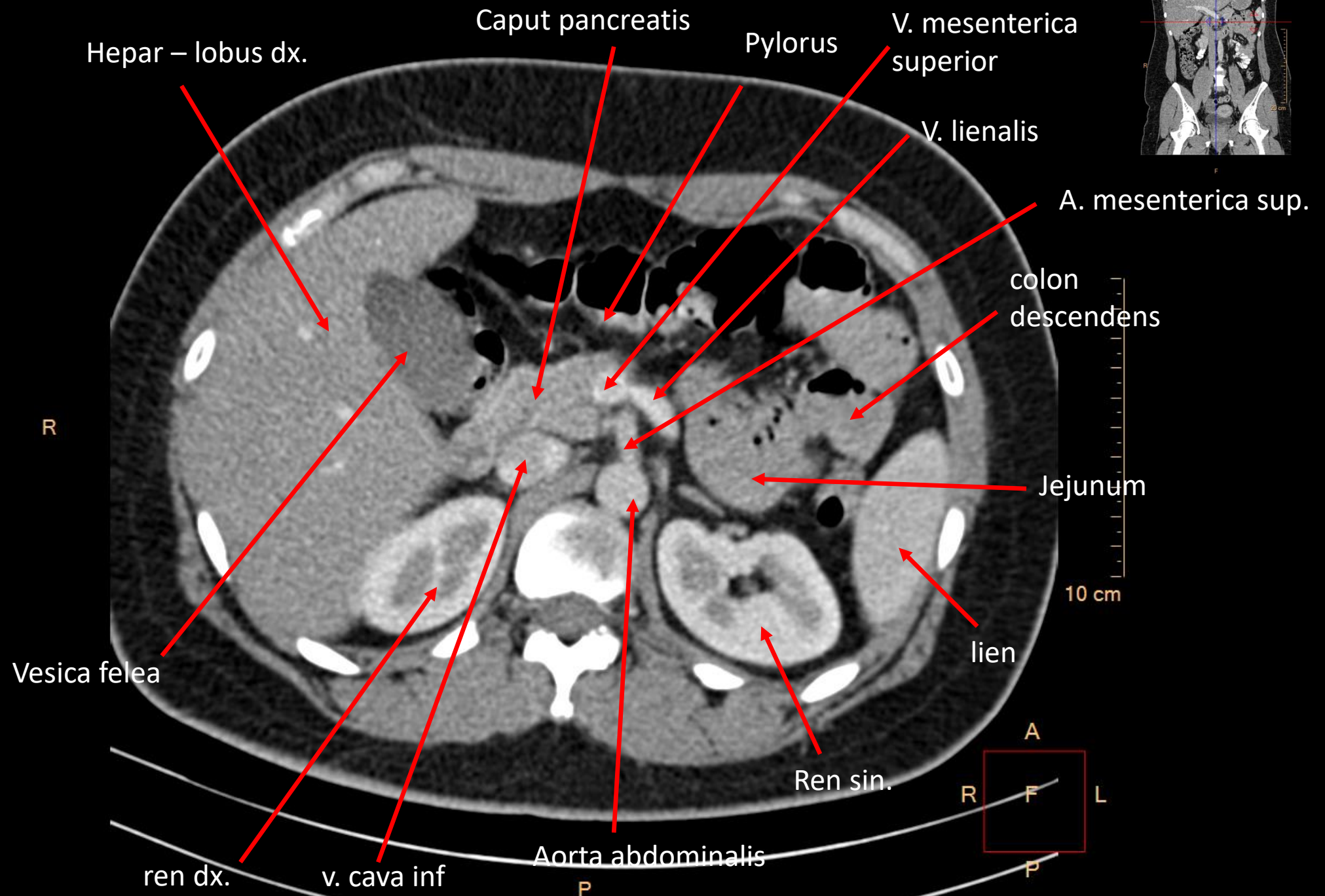
a. iliaca communis

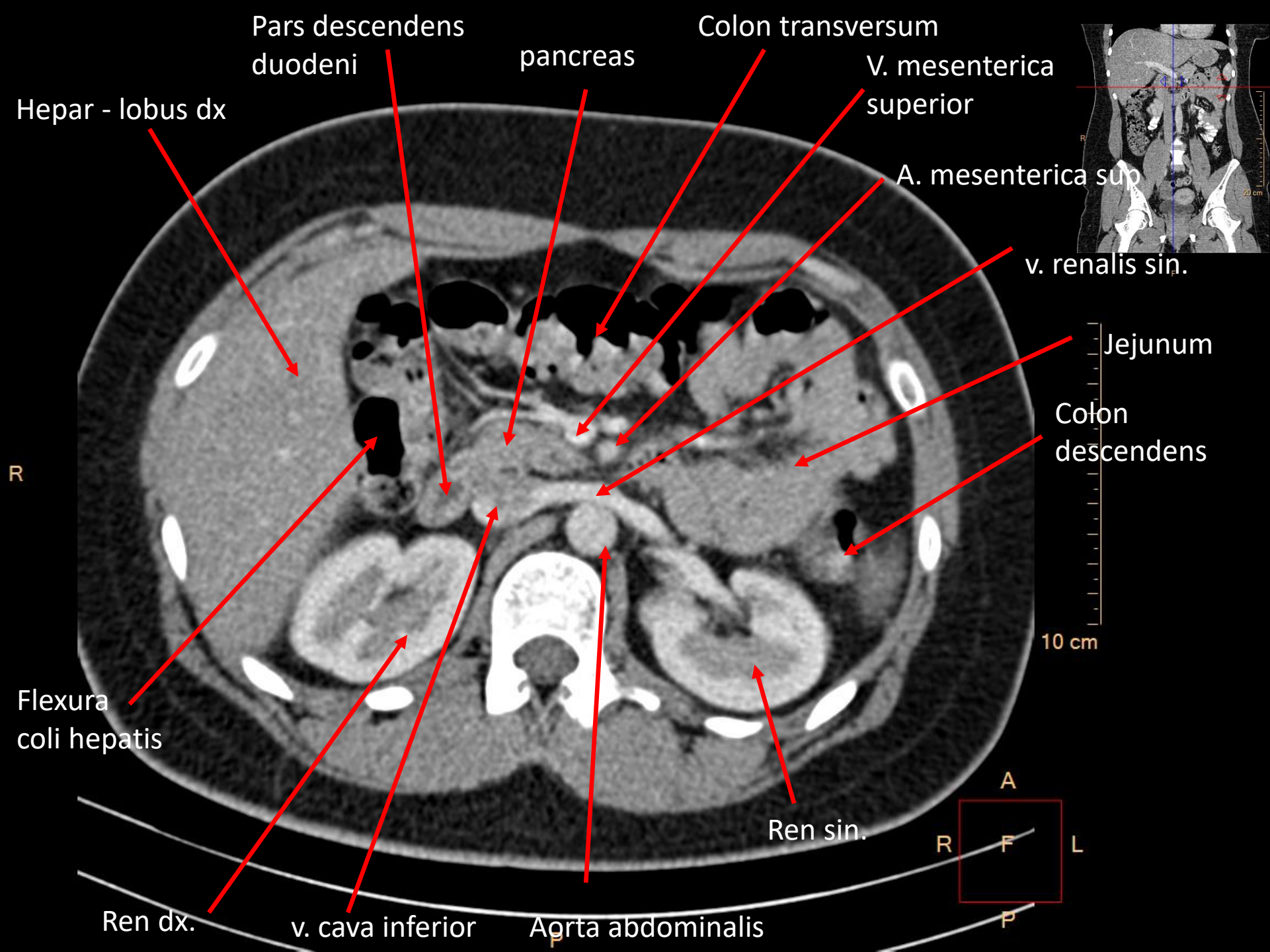
a. iliaca externa

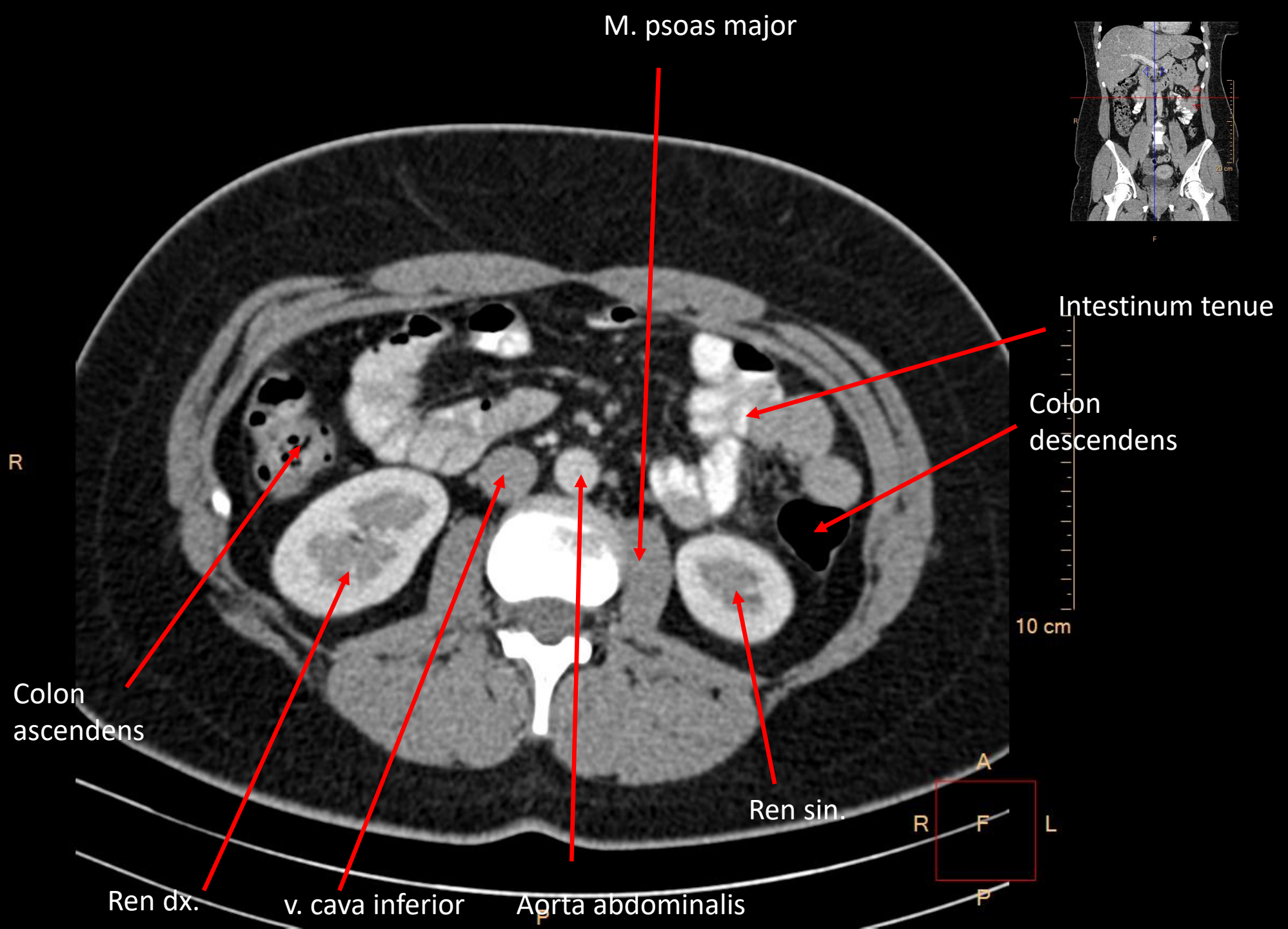
a. iliaca interna

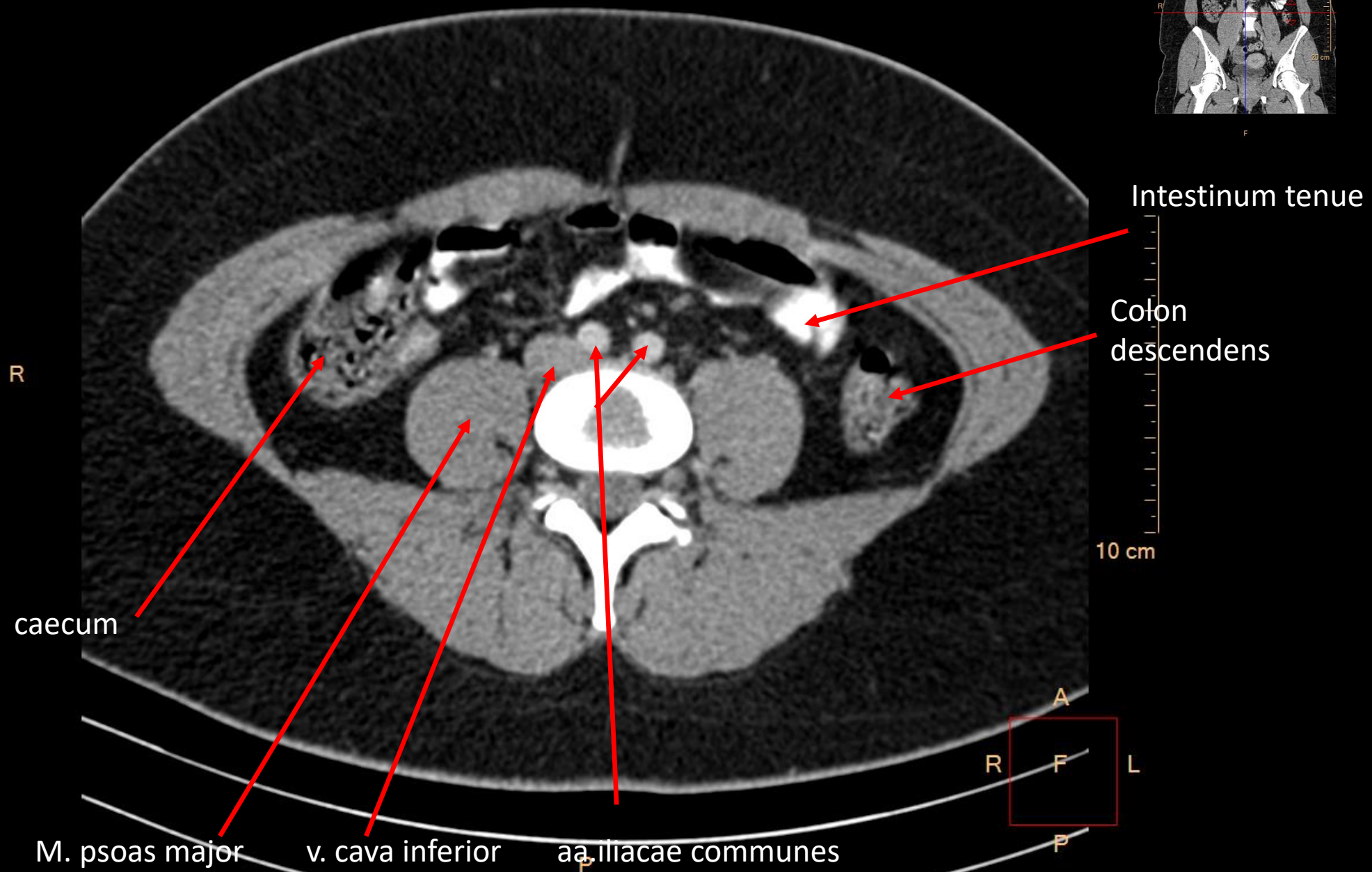




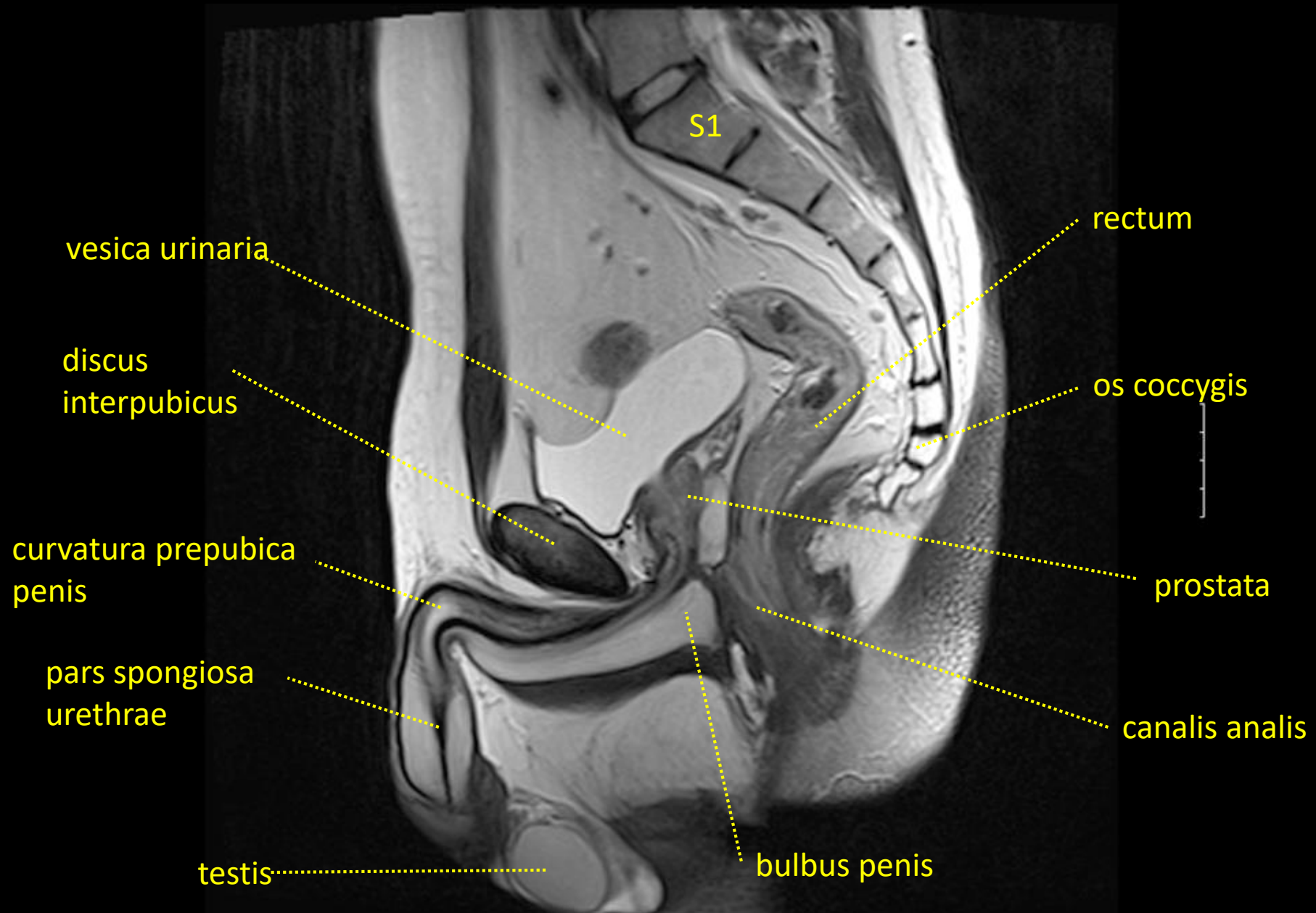








MR břicha / MRI of the abdomen
sagitální řez / sagittal section



MRI, front.

m. rectus abdominis

m. sartorius

funiculus
spermaticus

pravé nadvarle

pravé varle

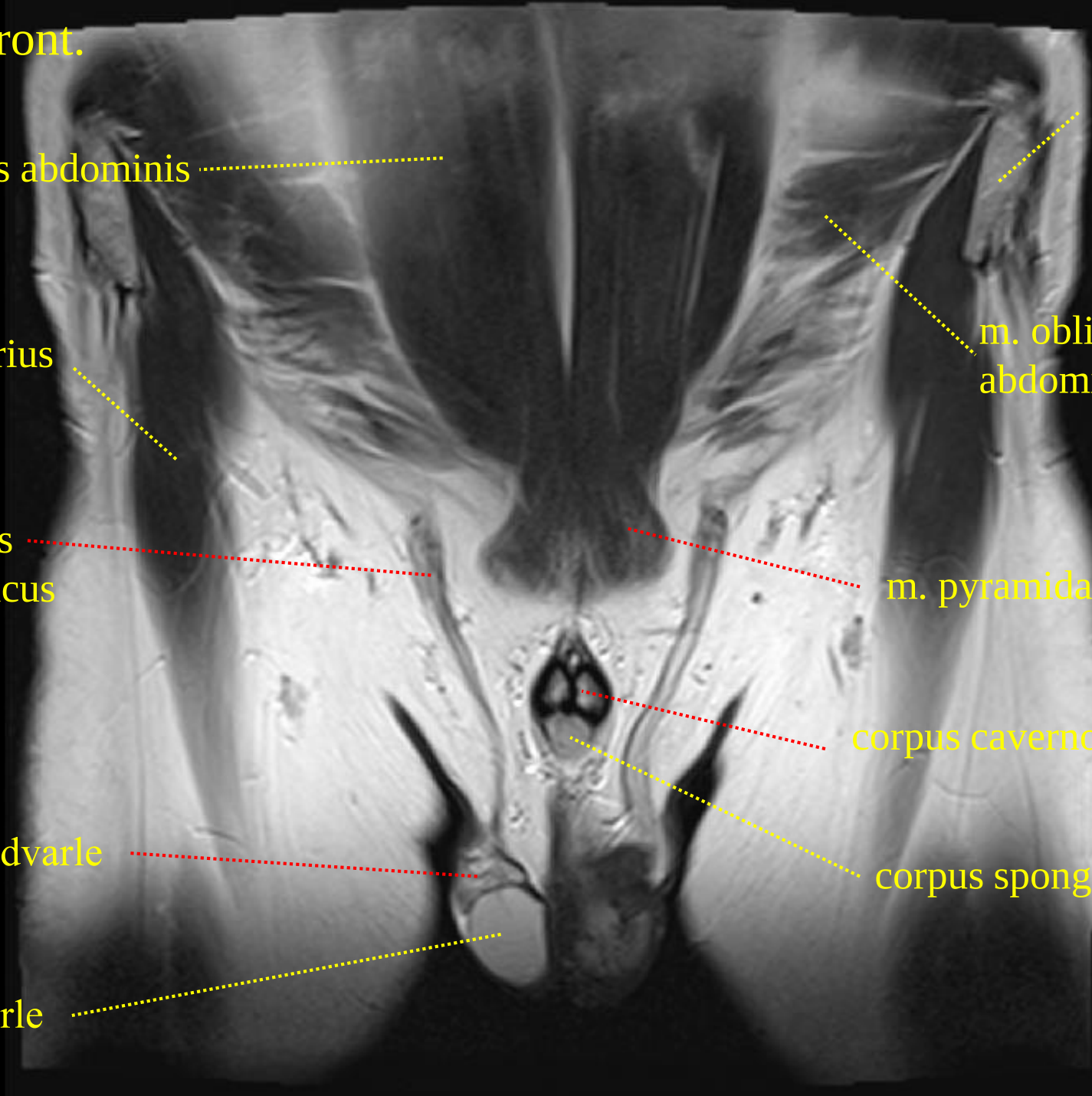
spina iliaca
ant. sup.

m. obliquus
abdominis internus

m. pyramidalis

corpus cavernosum penis

corpus spongiosum penis



MRI, front.

m. levator ani

m. gluteus
minimus

m. obturatorius ext.

adduktory

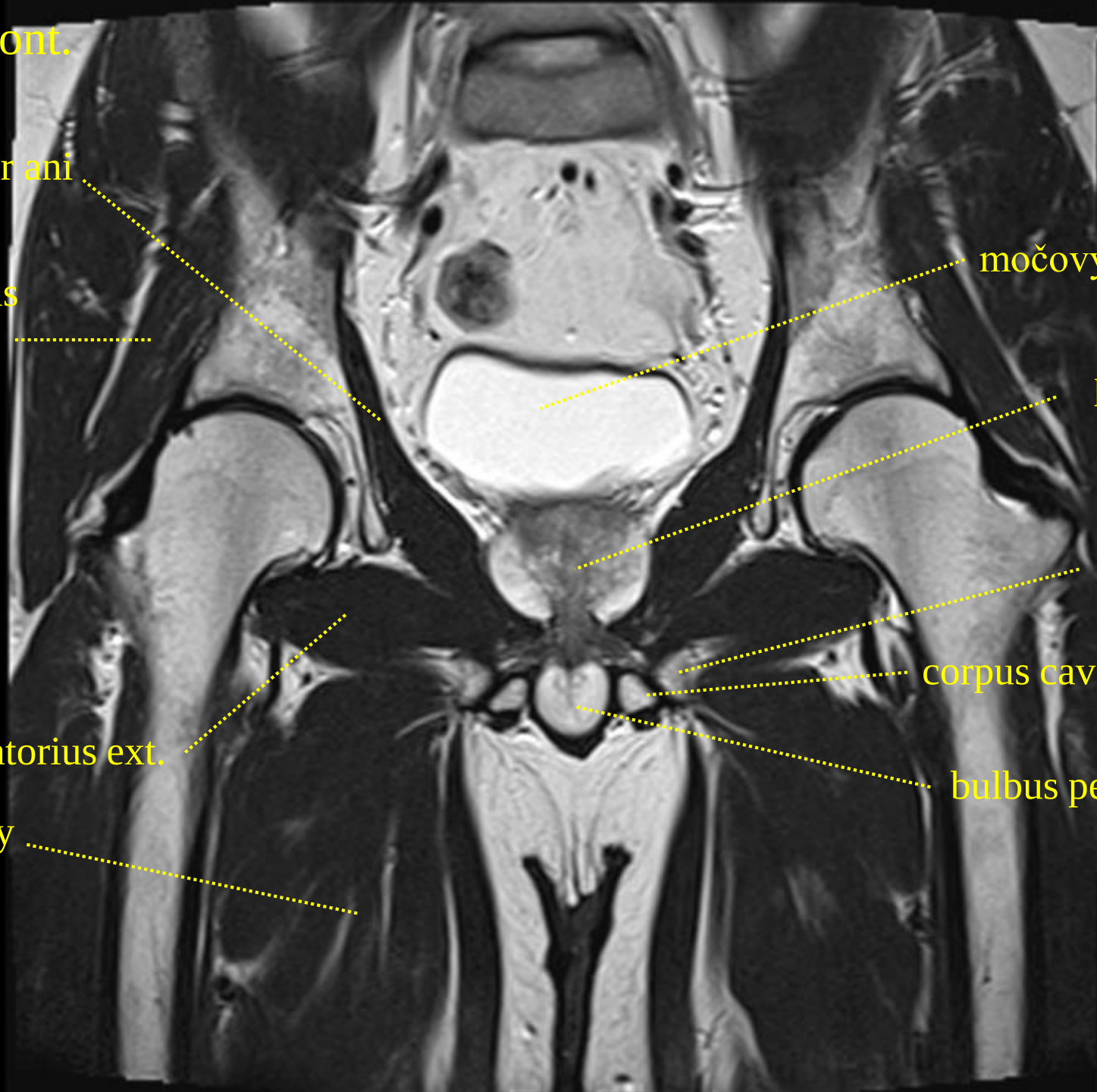
močový měchýř

prostata

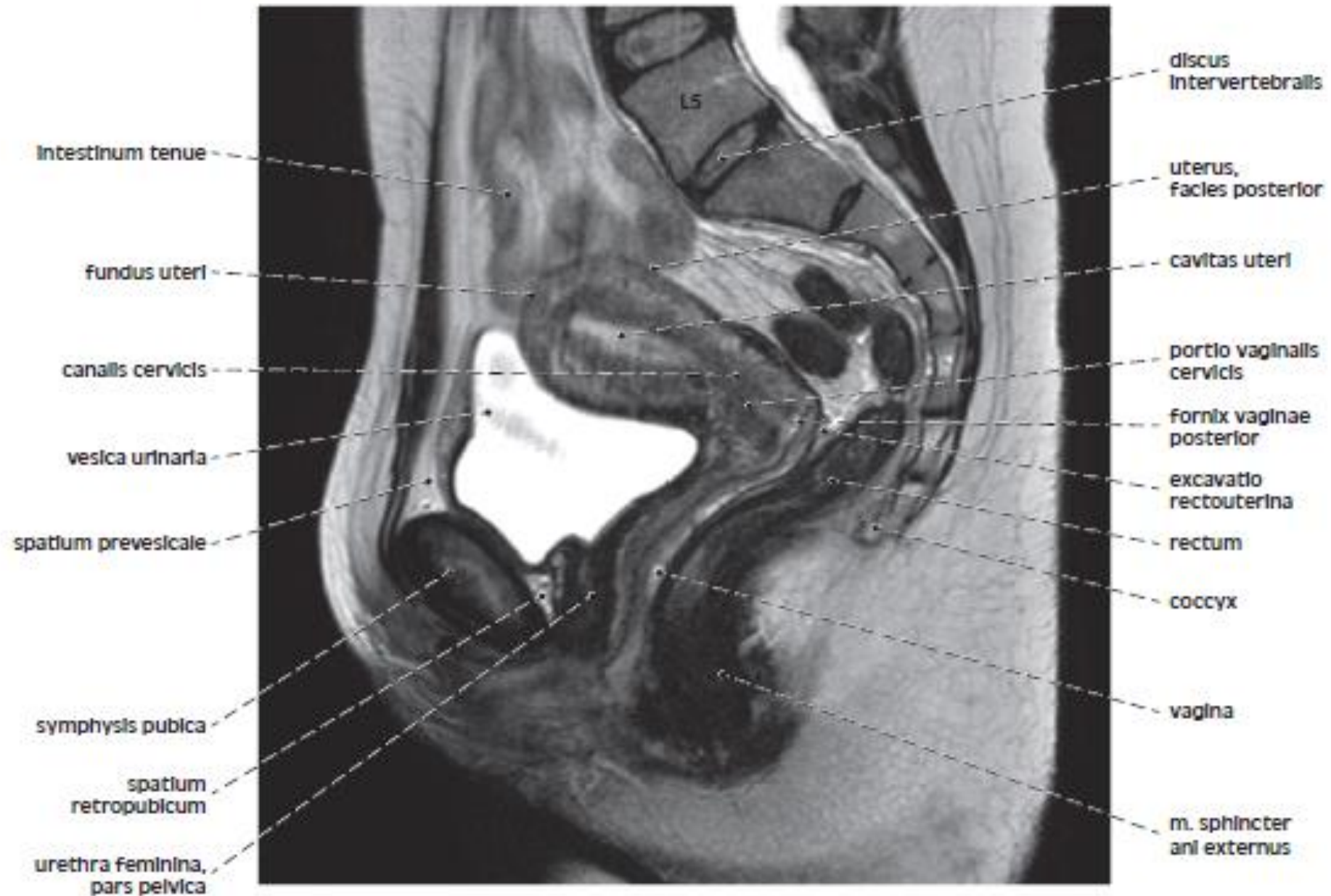
os pubis

corpus cavernosum penis

bulbus penis



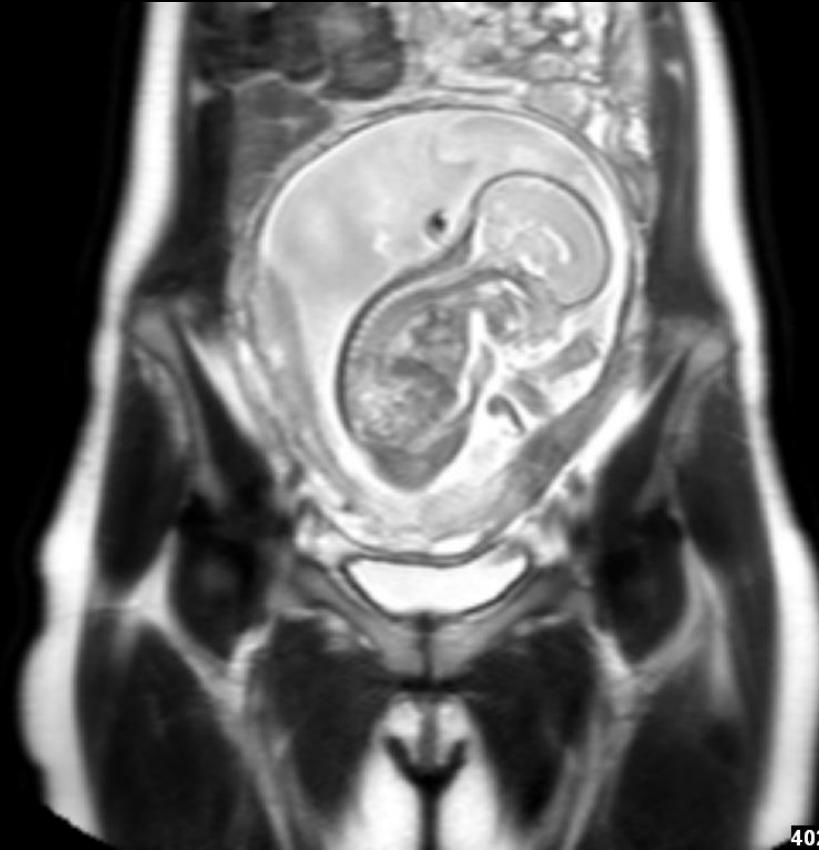
Female Pelvis – sagittal section, MRI



Retroversion and retroflexion of uterus



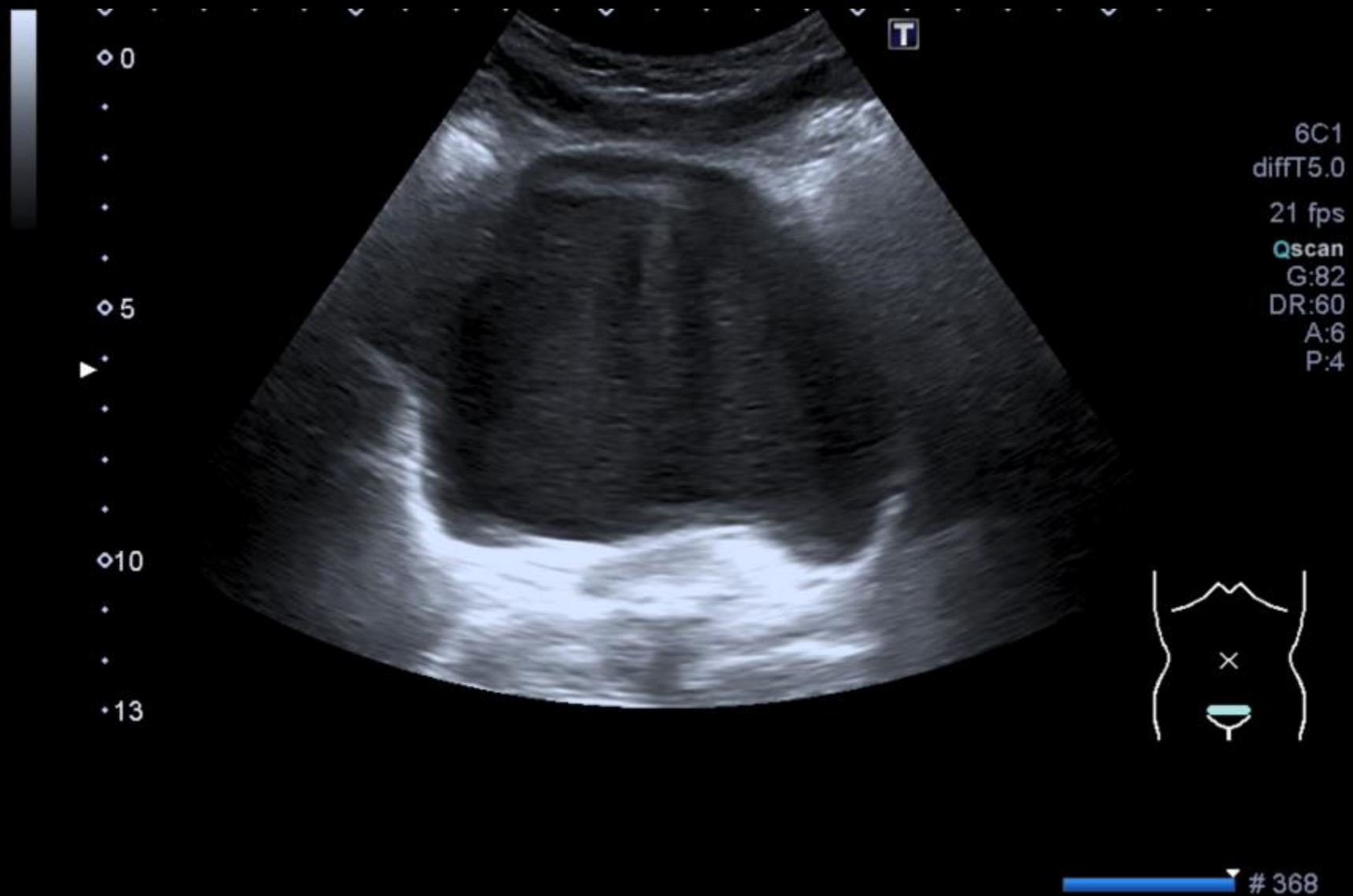
MRI, Pregnancy – week 21



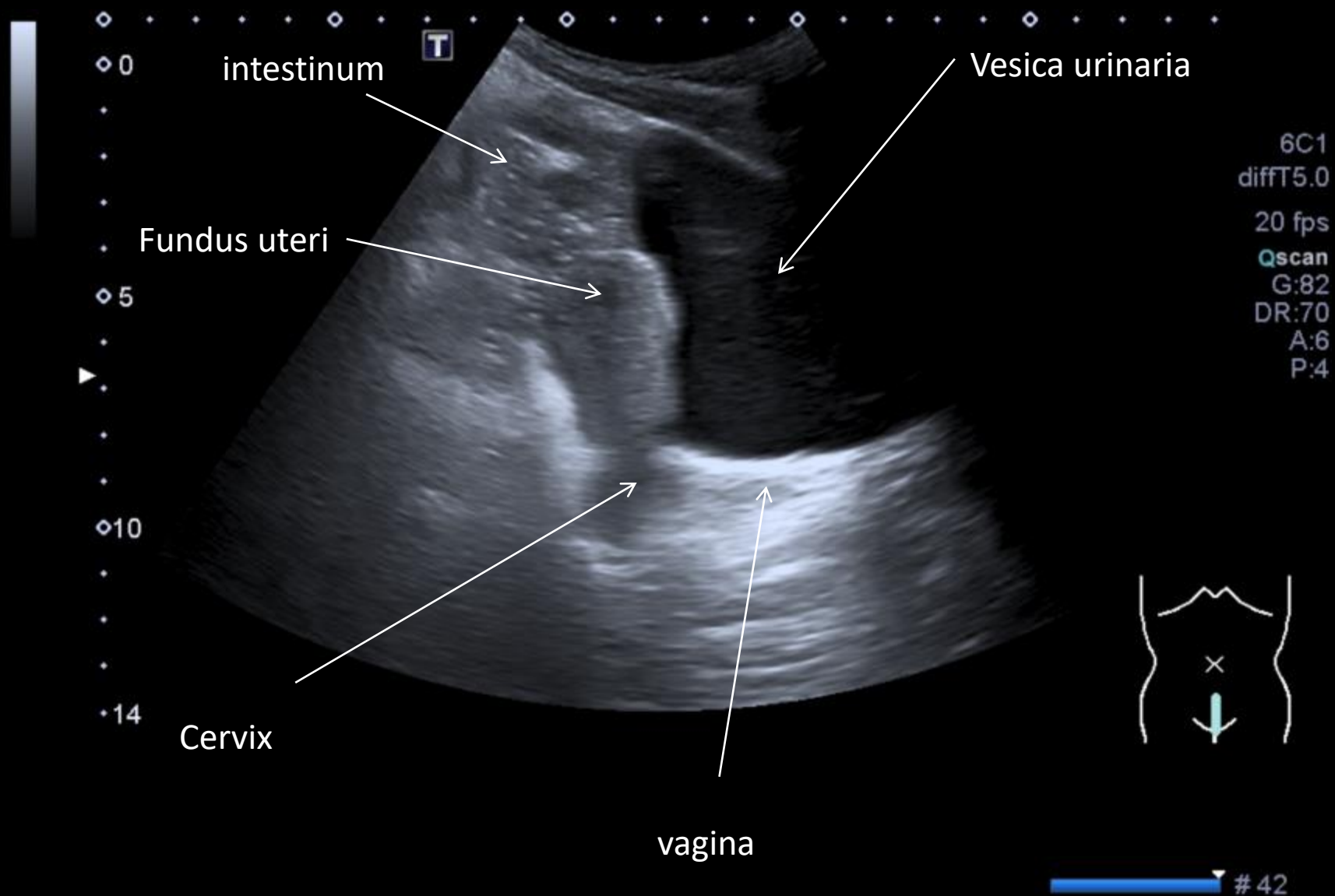
MRI, Pregnancy – week 21



Ultrazvukové vyšetření močového měchýře / ultrasound of urinary bladder



Ultrazvukové vyšetření močového měchýře / ultrasound of urinary bladder



MR břicha / MRI of the abdomen

transverzální řez / transverse section

