

Unit 29: Topographic anatomy: **Peritoneum, peritoneal cavity & mesentery**

Guide for the practical class using Anatomedia online

Parietal and visceral peritoneum

1. Go to An@tomedica, **abdomen** module-regions-frame: **21** (Parietal and visceral peritoneum)

- Click on underlined text: to clarify the difference between parietal and visceral peritoneum, understand how mesentery develops, to see the difference between intra- and retroperitoneal viscera and differences between fore-, mid- and hindgut
- Activate 'can you identify' to visualize peritoneum, mesentery and division of peritoneal cavity

Mesenteries

2. Go to An@tomedica, **abdomen** module-regions-frame: **22** (Mesenteries of foregut)

- Click on underlined text: to review components of mesogastrium, its developmental positional changes, to see lesser omentum (including its free edge) and its contents, ligaments of the liver and spleen
- Activate 'can you identify' to visualize parts of mesogastrium including its contents

3. Go to An@tomedica, **abdomen** module-regions-frame: **23** (Mesenteries of midgut and hindgut)

- Click on underlined text: to review components of midgut/hindgut, their developmental positional changes, to see the differences between the mesentery and mesocolon,
- Activate 'can you identify' to visualize parts of mid- and hindgut, their mesenteries including their contents

Peritoneal cavity

4. Go to An@tomedica, **abdomen** module-regions-frame: **24** (Peritoneal cavity)

- Click on underlined text: to review the location of lesser sac and its communication opening, boundaries of omental foramen, to see location and significance of peritoneal gutters, spaces and fossae
- Activate 'can you identify' to visualize parts of the lesser sac, omental foramen and gutters and recesses

5. Go to An@tomedica, **abdomen** module-regions-frames: **29 and 30** (Retroperitoneal and intraperitoneal layer)

-Click on underlined text to review the position and supply of intra and retroperitoneal 'layer' of viscera

-Activate 'can you identify' to blood vessels supplying intra and retroperitoneal viscera

Dissection

6. Go to An@tomedica, **abdomen** module-dissection-frames: **16 and 17** (Peritoneal cavity, Greater omentum lifted: LAYER-BY-LAYER DISSECTION)

-Turn on the colored buttons to highlight different dissected structures, from anterior to posterior

-Activate 'can you identify' to see dissected and displayed structures

7. Go to An@tomedica, **abdomen** module-dissection-frames: **18 and 27** (Omental (epiploic) foramen, Gall bladder: LAYER-BY-LAYER DISSECTION)

-Turn on the colored buttons to highlight different dissected structures, from anterior to posterior

-Activate 'can you identify' to see dissected and displayed structures

8. Go to An@tomedica, **abdomen** module-dissection-frames: **19 and 20** (Right and left paracolic gutters: LAYER-BY-LAYER DISSECTION)

-Turn on the colored buttons to highlight different dissected structures

-Activate 'can you identify' to see dissected and displayed structures