

Unit 32: 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