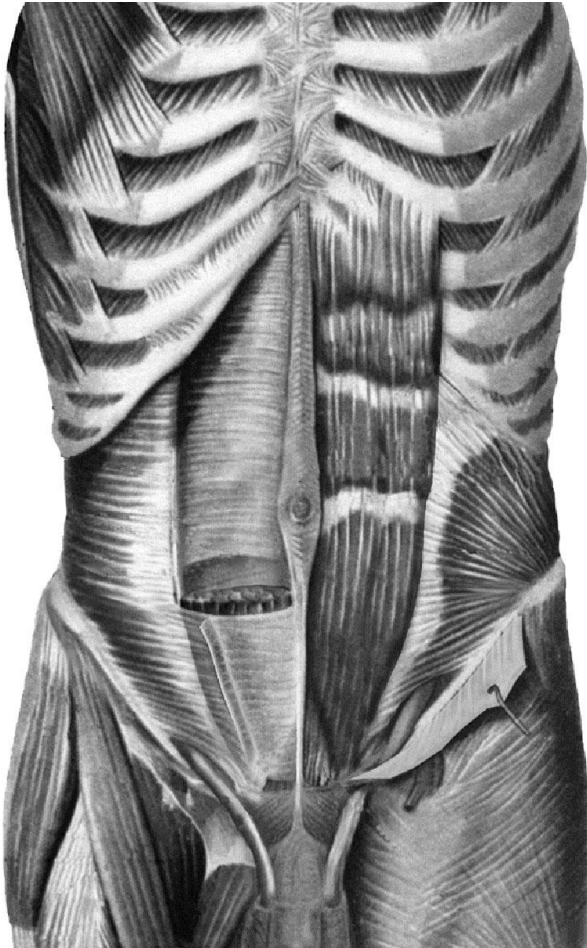


SELFTESTS: THE MUSCLES AND TOPOGRAPHY OF THE ABDOMEN. THE DIAPHRAGM

Task 1: Indicate the listed muscles in the following picture.



Muscles of abdomen

1. Rectus abdominis, *m. rectus abdominis*;
2. Pyramidalis, *m. pyramidalis*;
3. External oblique abdominis, *m. obliquus externus abdominis*;
4. Internal oblique abdominis, *m. obliquus internus abdominis*;
5. Transversus abdominis, *m. transversus abdominis*;
6. Superficial inguinal ring, *anulus inguinalis superficialis*;
7. Linea alba, *linea alba*;
8. Umbilical ring, *anulus umbilicalis*;

Task 2: Describe the walls of the inguinal canal and write its contents.

Superior wall _____

Inferior wall _____

Anterior wall _____

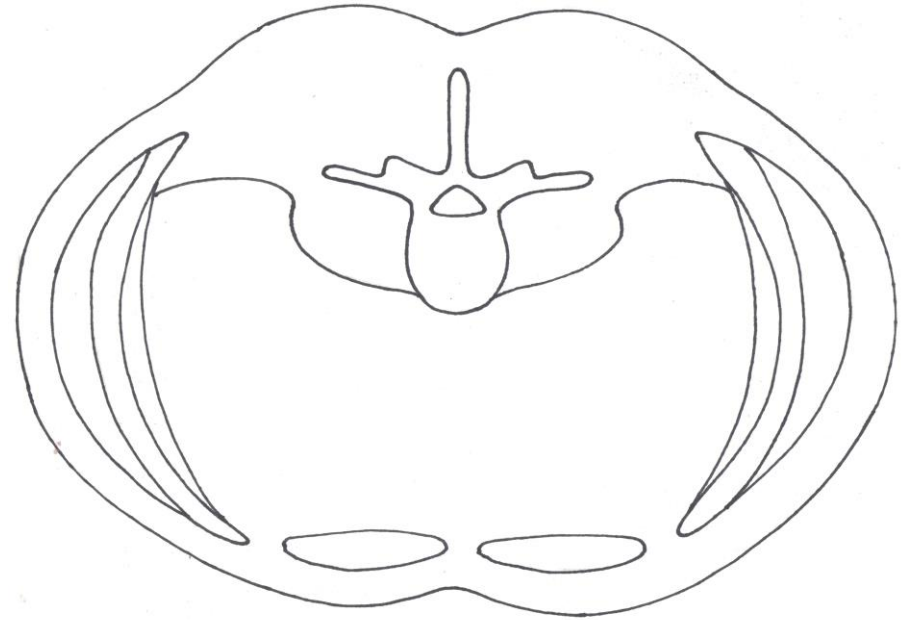
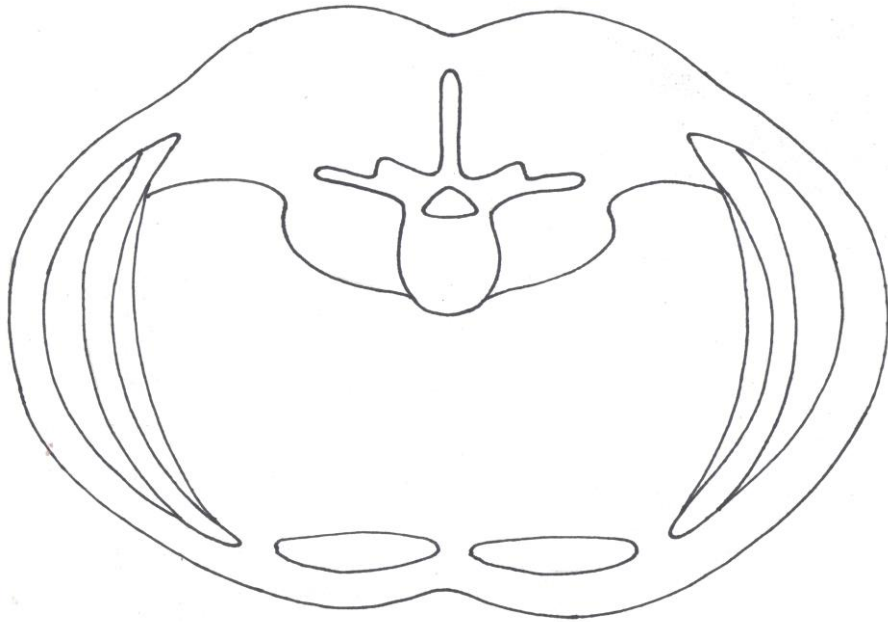
Posterior wall _____

The content (in males) _____

The content (in females) _____

Task 3:

Draw with color lines the structure of the rectus sheath and of the linea alba.

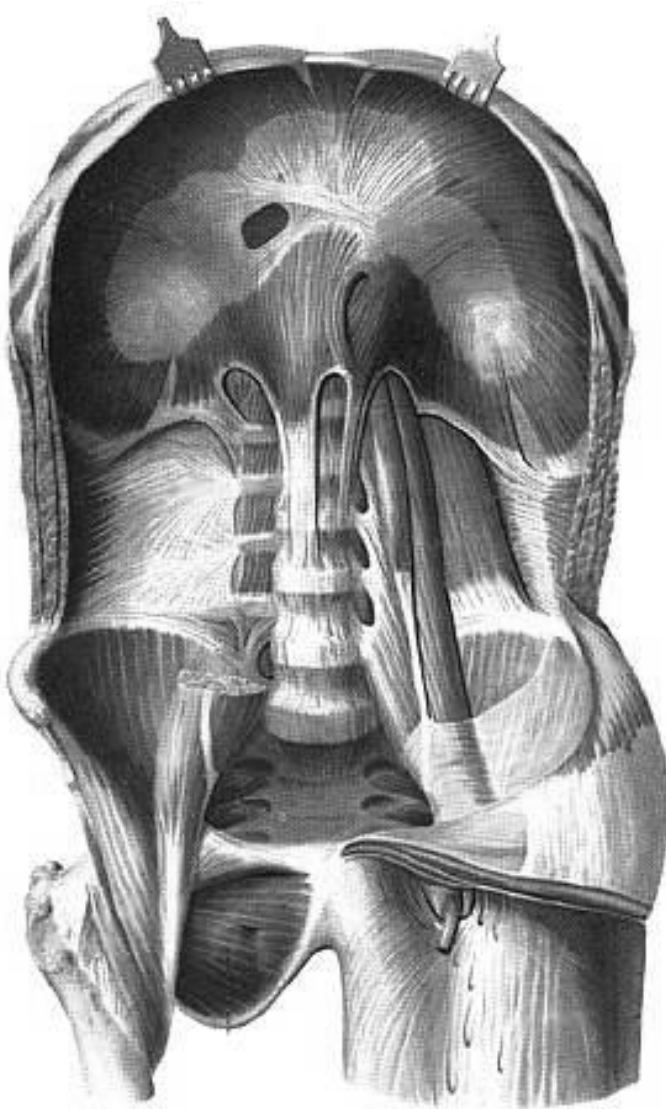


Task 4: Using the diagram, given in previous task, describe the layers of the anterior and lateral abdominal walls in order, beginning from the skin.

The layers of the anterior abdominal wall _____

The layers of the lateral abdominal wall _____

Task 5: Indicate the listed part of the diaphragm in the following picture.



**Diaphragm and muscles of
posterior abdominal wall
(inside aspect)**

1. Central tendon, *centrum tendineum*;
2. Muscular part, *pars muscularis*;
3. Sternal part of the diaphragm, *pars sternalis diaphragmae*;
4. Costal part of the diaphragm, *pars costalis diaphragmae*;
5. Lumbar part of the diaphragm, *pars lumbalis diaphragmae*;
6. Medial crus, *crus mediale*;
7. Intermediate crus, *crus intermedium*;
8. Lateral crus, *crus laterale*;
9. Median arcuate ligament, *ligamentum arcuatum medianum*;
10. Medial arcuate ligament, *ligamentum arcuatum mediale*;
11. Lateral arcuate ligament, *ligamentum arcuatum laterale*;
12. Aortic hiatus, *hiatus aorticus*,
13. Oesophageal hiatus, *hiatus oesophageus*;
14. Caval opening, *foramen venae cavae*;
15. Sternocostal triangle, *trigonum sternocostale*;
16. Lumbocostal triangle, *trigonum lumbocostale*

Task 6: Answer the question:

Which fasciae and membranes fill the lumbocostal and sternocostal triangles?

Task 7: Using the picture, given in previous task, answer the following questions:

1. Name in order the layers of the superior wall of the abdominal cavity_____

2. Name in order the layers of the posterior wall of the abdominal cavity_____

Task 8: Write the names of all the organs, which pass through the following parts of the diaphragm:

1. Through the oesophageal hiatus:

2. Through the aortic hiatus:

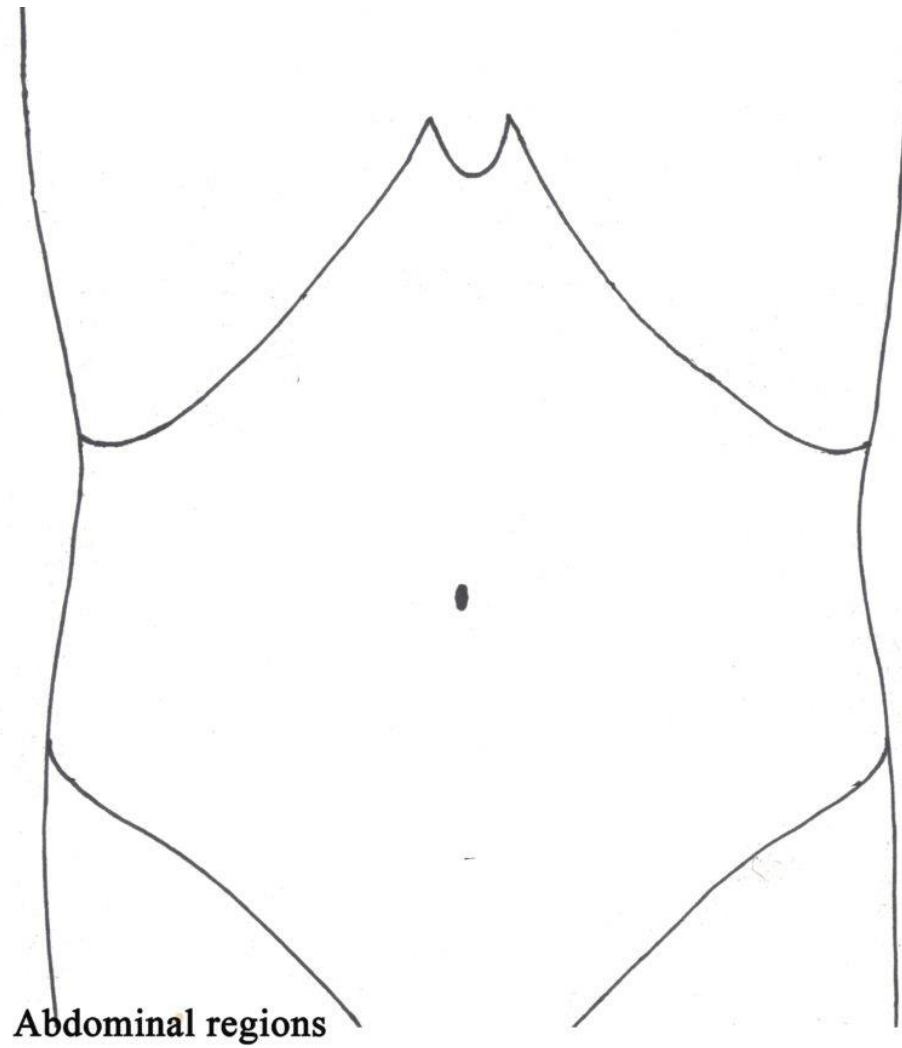
3. Through the caval opening:

4. Through the space between the medial and intermediate crura:

5. Through the space between the intermediate and lateral crura:

6. Directly through the medial crus

Task 9:
Draw the abdominal regions.



Task 10: Using the textbook, write the names of the all respiratory muscles in groups:

[illegible]