**Female reproductive system I**

1) List the basic classification of ovarian follicles, including the approximate sizes for each type of follicle.

2) What is the size of the oocyte in the primordial follicle and what in the Graafian follicle? What events does the oocyte go through during follicle maturation?

3) Schematically draw the Graafian follicle, describe the structure inside and its wall. How do the cells of *theca folliculi externa* and *interna* differ?

4) What does an oocyte look like during ovulation? Indicate its size, the phase of the cell cycle, what surrounds it. What does the nucleus look like?

5) What epithelium lines the fallopian tube? Are the cells different in different parts of tube?

6) How do *glandulae uterinae* look like in proliferative, secretory and menstrual phase of cycle?

7) Describe the mechanism of menstrual bleeding.

8) Describe the structure of *cervix uteri.*

Slides:

42. Ovarium (HE)

43. Ovarium – cat (HE)

44. Corpus luteum (HE)

45. Tuba uterina - ampulla (HE)

46. Tuba uterina - isthmus (HE)

47. Uterus – proliferative phase (HE)

48. Uterus – secretory phase (HE)

Atlas EM:

Human primary ovarian follicle (72)

From gametes to early embryo (74)