Rep 6 – Menstrual Cycle

A. primary oocyte or ripening egg
B. oocyte with corona radiate
C. developing, fluid-filled vesicular follicle
D. mature ovum or gamete after rupture of follicle
E. ovulating follicle showing ruptured stigma
F. corpus luteum or “yellow body”
G. corpus albicans or “white body”

The Ovulation process or oogenesis

Anatomy of the ovary and fallopian tubes (posterior aspect)

1. ovary
2. coronal section of ovary – corpus luteum to corpus albicans shown generalized (upper right-hand model)
3. coronal section of ovary – developing vesicular follicle shown generalized (lower right-hand model)
4. coronal section of ovary – ovulation shown generalized (lower left-hand model)
5. coronal section of ovary – mature corpus luteum shown generalized (upper left-hand model)
6. fallopian tube or oviduct with number at ampulla (wide upper portion)
7. fallopian tube – longitudinal section
8. fimbriated end of fallopian tube
9. ovarian ligament (connects to uterus)
10. epoophoron or parovarium (vestigial and non-functioning)
11. mesosalpinx portion of broad ligament
12. broad ligament
13. ovum moving into fallopian tube (lower left-hand model) day one
14. ovum moving toward uterus (lower left-hand model) day two
15. ovum nearing uterus (lower left-yand model) day three
16. fertilized ovum within uterus (lower left-hand model) days 4 through 7
17. fertilized ovum implanting itself in uterine lining (lower left-hand model) after day 7
18. suspensory ligament of ovary and ovarian artery and vain (above ampulla of fallopian tubes)

Anatomical features of the uterus (posterior aspect)

19. corpus (body) of uterus
20. fundus of uterus
21. cervix
22. interior wall of vagina
23. myometrium
24. endometrium
25. menstruation or bleeding phase of endometrium (upper right-hand model)
26. sacro-uterine ligament