

Gynecology

- 1) A 62 year old female presents with post-menopausal bleeding. The most important diagnosis to rule out is:
 - a) Atrophic vulvovaginitis
 - b) Foreign body
 - c) Vulvar intraepithelial neoplasia
 - d) Endometrial cancer

- 2) Contraindications to hormone replacement therapy include:
 - a) Known breast cancer
 - b) Acute liver disease
 - c) Thromboembolic disease
 - d) Undiagnosed vaginal bleeding
 - e) All of the above

- 3) Which of the following can NOT be used as emergency contraception:
 - a) Post-contraception copper IUD
 - b) Post-contraception Mirena™ IUD
 - c) Yuzpe method
 - d) "Plan B"

- 4) A 22 year old G0P0 presents to her gynaecologist's office complaining of amenorrhea. The most important diagnosis to rule out is:
 - a) Turner's Syndrome
 - b) Imperforate hymen
 - c) Pregnancy
 - d) Hypothalamic/pituitary dysfunction

- 5) Which of the following is not a clinical feature of PCOS:
 - a) Hirsutism
 - b) Infertility
 - c) Insulin Resistance
 - d) Dysmenorrhea

- 6) Which of the following is a correct statement regarding vaginal discharge:
 - a) Candidiasis is characterized by "cottage-cheese-like" vaginal discharge and KOH wetmount would reveal hyphae and spores
 - b) Bacterial Vaginosis is characterized by white, thick discharge and a negative KOH whiff test
 - c) Trichomoniasis is characterized by grey, thin and diffuse discharge and saline wetmount would reveal hyphae
 - d) All of the above are false

- 7) Which of the following is a correct statement regarding the Menstrual Cycle:
 - a) The proliferative/follicular phase of the menstrual cycle is of fixed duration
 - b) The secretory/luteal phase of the menstrual cycle is of fixed duration, due to the finite lifespan of the corpus luteum
 - c) Progesterone is the main hormone of the proliferative phase, stimulating rapid growth of endometrial glands and stroma
 - d) Estrogen is the main hormone of the secretory phase

- 8) The most common site of occurrence of Endometriosis is:
 - a) Ovaries
 - b) Rectosigmoid colon
 - c) Appendix
 - d) Broad ligament

- 9) What is the most common causative organism of Pelvic Inflammatory Disease:
 - a) *N. gonorrhoeae*
 - b) *C. trachomatis*
 - c) *E. coli*
 - d) *Actinomyces israelii*

- 10) A 36 year-old female presents with a mucopurulent vaginal discharge. Gram stain of a cervical swab shows gram negative diplococci. Which of the following is correct?
- If untreated this condition will likely resolve spontaneously
 - The most likely diagnosis is Strep group B
 - Appropriate treatment is Metronidazole vaginal cream
 - Appropriate treatment is a single I.M. dose of 250 mg of Ceftriaxone
 - Public Health will most likely need to be notified
- 11) A one year-old female presents with vaginal bleeding. Vaginal inspection reveals the presence of a multicystic grape-like lesion. The most likely diagnosis is?
- Sexual abuse
 - DES syndrome
 - Sarcoma botryoides
 - Clear cell Adenocarcinoma
 - Exposure to exogenous estrogen
- 12) A 24 year-old female presents with abdominal pain. Beta-HCG is negative. Pelvic ultrasound shows a 5 cm right ovarian cyst. You would:
- Perform immediate laparotomy
 - Perform immediate laparoscopy
 - Aspirate the cyst under ultrasonographic guidance
 - Order a CBC and a CA125
 - Expectant management with repeat ultrasound in 8 weeks
- 13) The commonest type of bleeding encountered with uterine leiomyomata is:
- Post-coital spotting
 - Mid-cycle bleeding
 - Hypermenorrhea
 - Oligomenorrhea
 - Post-coital staining
- 14) Which of the following statements about estrogen therapy in postmenopausal women is correct?
- It is a major risk factor for breast cancer
 - It decreases hepatic triglyceride production
 - It produces hypertension
 - It protects against vertebral compression fractures
 - It directly stimulates the proliferation of vascular endothelium
- 15) A couple are unable to conceive after 1 year. Of the following statistics regarding infertility, which are correct:
- 10-15% of couples are infertile
 - Only 40% of couples achieve pregnancy within 6 months of trying
 - Only 20% achieve pregnancy within 1 year of trying
 - Male factors are responsible for over half of infertility causes
 - Infertility is labelled after failure to conceive within 2 years of trying
- 16) Vaginal discharge which is fishy in odor and associated with >20% clue cells on microscopy will not be associated with which of the following:
- Be due to Gardnerella vaginalis overgrowth
 - Can be treated with metronidazole or clindamycin
 - With the addition of KOH may see hyphae or spores
 - Must be treated in all pregnant women, including asymptomatic
 - Is rarely associated with inflamed or itchy vulva
- 17) A 55 year-old woman comes to the office to discuss menopause. You tell her which of the following are a part of this stage:
- Hot flushes
 - Vaginal dryness
 - Mood swings
 - Insomnia
 - All of the above

- 18) All of the following features have been described in women with androgen insensitivity syndrome EXCEPT:
- Mammary aplasia
 - Female phenotype
 - Absence of wolffian duct structures
 - Short vagina
 - Absence of mullerian duct structures
- 19) On colposcopy, the transformation zone:
- Contains columnar epithelium
 - Is the area between original squamous epithelium and columnar epithelium
 - Contains metaplastic epithelium
 - Contains atypical blood vessels
- 20) Regarding laparoscopy:
- It is contraindicated in patients who are menstruating
 - Patients with intestinal obstruction are still able to undergo laparoscopy
 - The most common indication for therapeutic laparoscopy is tubal sterilization
 - All of the above are incorrect
- 21) One cause of secondary amenorrhea is:
- Turner syndrome
 - Anorexia
 - Androgen insensitivity syndrome
 - Gonadal dysgenesis
 - Imperforate hymen
- 22) Risk factors for cervical carcinoma includes all of the following EXCEPT:
- Human papilloma virus type 16 and 18
 - Early age at first intercourse
 - Smoking
 - High socio-economic status
 - Multiple sexual partners
- 23) A 35 year-old G0P0 has severe pain during menses which radiates into the anal region. On bimanual exam, she has a small, retroverted uterus and tender nodules can be felt on palpation of the uterosacral ligaments. Which of the following conditions does she most likely have:
- Chronic PID
 - Adenomyosis
 - Fibroids
 - Endometriosis
 - Uterine carcinoma
- 24) Which of the following statements is correct?
- Cervical carcinoma is the most common gynecological malignancy in Canada
 - Lichen sclerosis is treated with estrogen cream
 - Colposcopy is required after a finding of mild cervical dysplasia on a routine Pap smear
 - Follicular cysts typically regress with the following cycle
 - Leiomyomata are malignant tumours
- 25) Which of the following statements regarding malignant cervical lesions is true?
- 95% are squamous cell carcinoma
 - CA-125 levels to monitor treatment effectiveness are indicated
 - The majority of lesions arise outside the transformation zone of the cervix
 - They are not associated with HPV infection
 - Treatment for stage 4 disease is radical hysterectomy with chemotherapy
- 26) In endometriosis, the most common location for disease is:
- Broad ligament
 - Cul-de-sac
 - Ovaries
 - Appendix
 - Uterosacral ligament

27) All of the following increase the risk of developing ovarian cancer EXCEPT:

- a) Family history
- b) BCP
- c) Nulliparity
- d) Late menopause
- e) Caucasian

28) A young female enters your office wanting to start oral contraceptive pills. You remind yourself of the reasons she may not start the pill which are:

- a) Impaired liver function
- b) Undiagnosed abnormal uterine bleeding
- c) Congenital hyperlipidemia
- d) Past history thrombophlebitis
- e) All of the above

29) Which of the following statements regarding endometriosis is incorrect?

- a) Theories proposed to explain the histogenesis of endometriosis include retrograde menstruation and coelomic metaplasia
- b) CA-125 is used to make the diagnosis of endometriosis
- c) Symptoms of endometriosis may include urinary frequency and dyschezia
- d) The differential diagnosis of endometriomas include hemorrhagic corpus luteum cysts as well as neoplasms
- e) The risk of endometriosis is several fold greater if there is a first degree relative with this condition

30) A 55 year-old female presents with a "period-like" vaginal bleeding for 5 days that stopped spontaneously. Your approach to the problem would be to:

- a) Reassure the patient and manage expectantly
- b) Administer provera 10 mg od for 15 days
- c) Administer cyclic estrogen plus progesterone
- d) Obtain endometrial tissue
- e) Perform a pap smear plus endocervical curettage

31) The appropriate next step in a woman found to have 1 abnormal Pap smear showing ASCUS is:

- a) Repeat in 1 year's time
- b) Repeat in 4-6 months time with colposcopy if abnormal
- c) Send patient directly for colposcopy and LEEP excision
- d) Send for colposcopy after 1 abnormal Pap
- e) Repeat Pap immediately and treat for HPV infection

32) A 41 year-old woman presents with obesity, hirsutism and oligomenorrhea, which of the following tests will give the least useful information?

- a) Prolactin
- b) LH/FSH ratio
- c) Free testosterone
- d) TSH
- e) 24-hour urine free cortisol

33) With respect to androgen insensitivity syndrome, which of the following is true?

- a) Genotype is XY
- b) Breast development and uterus are absent
- c) Serum testosterone is below normal male range
- d) Secondary sex characteristics are male
- e) The condition is autosomal recessive

34) The new selective estrogen receptor modulators have all of the following benefits EXCEPT:

- a) No agonistic effect on breasts
- b) Provides estrogenic benefit on bone
- c) Minimal effect on triglycerides and cholesterol
- d) No agonistic effect on uterine tissue
- e) Provides relief of hot flashes associated with menopause

- 35) Regarding birth control, which of the following is false?
- a) It is contraindicated in women over age 35 who are smokers
 - b) Its efficacy may be decreased when taking antibiotics
 - c) Reduces the risk of ovarian carcinoma
 - d) Is associated with only a 10% failure rate
 - e) Can be associated with nausea and mastalgia

- 36) All of the following are contraindications for the IUD EXCEPT:
- a) Uterine anomaly
 - b) Pregnancy
 - c) Cervical infection
 - d) Fibroids
 - e) Undiagnosed vaginal bleeding

- 37) All of the following are types of contraceptives that release some type of hormone (estrogen, progesterone or both) EXCEPT:
- a) Mirena
 - b) Nuvaring
 - c) Ortho Evra
 - d) Alesse
 - e) Novo-T

- 38) All of the following are associated with PCOS EXCEPT:
- a) Obesity
 - b) Hirsutism
 - c) Infertility
 - d) Hypertension
 - e) Oligomenorrhea

- 39) Which of the following disease and treatment is correctly matched:
- a) HSV and cryotherapy weekly until lesions disappear
 - b) HPV and acyclovir 400mg po tid x 7d
 - c) Primary Syphilis and Benzathine Penicillin G 2.4 million units IM single dose
 - d) Inpatient PID and Flagyl 500 mg po BID x 14d
 - e) Bacterial Vaginosis and Clotrimazole 3d cream

- 40) HRT should be used for the treatment of osteoporosis.
- a) True
 - b) False

- 41) Which of the following is a risk factor for ectopic pregnancy?
- a) Previous tubal surgery
 - b) Oral contraceptive use
 - c) Multiparity
 - d) Breastfeeding

- 42) A couple is undergoing workup for infertility. The woman has regular menstrual cycles, and her husband's semen analysis is normal. What is the next best step in the management of this couple?
- a) Initiate clomiphene citrate
 - b) Order a hysterosalpingogram
 - c) Recommend in vitro fertilization
 - d) Perform laparoscopic surgery

- 43) Which of the following would be considered an abnormal menstrual cycle?
- a) 25 day cycle with bleeding for 3 days
 - b) 30 day cycle with bleeding for 8 days
 - c) 32 day cycle with bleeding for 5 days
 - d) 28 day cycle with bleeding for 4 days

- 44) Which of the following groups are NOT routinely screened for *Chlamydia trachomatis*?
- a) Asymptomatic sexually active people younger than 25 years old
 - b) Neonates born to mothers with confirmed *C. trachomatis* infection
 - c) Pregnant individuals during the first/third trimesters
 - d) All pregnant individuals in labour

45) Which of the following is an introital cause of dyspareunia?

- a) Vaginismus
- b) Short vagina
- c) PID
- d) Vaginal septum

46) What is the most common cause of sexual dysfunction?

- a) Primary anorgasmia
- b) Secondary anorgasmia
- c) Lack of desire
- d) Lack of arousal

47) Which of the following is a contraindication in a medical abortion?

- a) Chronic adrenal failure
- b) Ectopic pregnancy
- c) Ambivalence
- d) All of the above

ANSWERS

1. D
2. E
3. B
4. C
5. D
6. A
7. B
8. A
9. B
10. E

11. C
12. E
13. C
14. D
15. A
16. C
17. E
18. A
19. C
20. C

21. B
22. D
23. D
24. D
25. A
26. C
27. B
28. E
29. B
30. D

31. B
32. B
33. A
34. E
35. D
36. D
37. E
38. D
39. C
40. B

41. A
42. B
43. B
44. D
45. A
46. C
47. D