

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 botyroides
 - 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 laporotomy
 - Perform immediate laproscopy
 - 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:
- Family history
 - BCP
 - Nulliparity
 - Late menopause
 - 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:
- Impaired liver function
 - Undiagnosed abnormal uterine bleeding
 - Congenital hyperlipidemia
 - Past history thrombophlebitis
 - All of the above
- 29) Which of the following statements regarding endometriosis is incorrect?
- Theories proposed to explain the histogenesis of endometriosis include retrograde menstruation and coelomic metaplasia
 - CA-125 is used to make the diagnosis of endometriosis
 - Symptoms of endometriosis may include urinary frequency and dyschezia
 - The differential diagnosis of endometriomas include hemorrhagic corpus luteum cysts as well as neoplasms
 - 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:
- Reassure the patient and manage expectantly
 - Administer provera 10 mg od for 15 days
 - Administer cyclic estrogen plus progesterone
 - Obtain endometrial tissue
 - 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:
- Repeat in 1 year's time
 - Repeat in 4-6 months time with colposcopy if abnormal
 - Send patient directly for colposcopy and LEEP excision
 - Send for colposcopy after 1 abnormal Pap
 - 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?
- Prolactin
 - LH/FSH ratio
 - Free testosterone
 - TSH
 - 24-hour urine free cortisol
- 33) With respect to androgen insensitivity syndrome, which of the following is true?
- Genotype is XY
 - Breast development and uterus are absent
 - Serum testosterone is below normal male range
 - Secondary sex characteristics are male
 - The condition is autosomal recessive
- 34) The new selective estrogen receptor modulators have all of the following benefits EXCEPT:
- No agonistic effect on breasts
 - Provides estrogenic benefit on bone
 - Minimal effect on triglycerides and cholesterol
 - No agonistic effect on uterine tissue
 - Provides relief of hot flushes 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

ANSWERS

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| 1. D | 9. B | 17. E | 25. A | 33. A |
| 2. E | 10. E | 18. A | 26. C | 34. E |
| 3. B | 11. C | 19. C | 27. B | 35. D |
| 4. C | 12. E | 20. C | 28. E | 36. D |
| 5. D | 13. C | 21. B | 29. B | 37. E |
| 6. A | 14. D | 22. D | 30. D | 38. D |
| 7. B | 15. A | 23. D | 31. B | 39. C |
| 8. A | 16. C | 24. D | 32. B | 40. B (false) |