

APGO Educational Objectives

1. History

The student will demonstrate the ability to:

- A. Perform a thorough OB/GYN history, including the following:
 - a. Chief complaint
 - b. Present illness
 - c. Menstrual history
 - d. Obstetric history
 - e. Gynecologic history
 - f. Contraceptive history
 - g. Sexual history
 - h. Family history
 - i. Social history
- B. Communicate the results of the OB/GYN and general medical history by well organized written and oral reports.

2. Examination

The student will demonstrate the ability to:

- A. Interact with the patient to gain her confidence and cooperation and assure her comfort and modesty.
- B. Perform a painless obstetric-gynecologic examination, including:
 - a. Breast examination
 - b. Abdominal examination
 - c. Complete pelvic examination
 - d. Recto-vaginal examination
- C. Communicate the relevant results of the examination in well-organized written and oral reports.
- D. Educate the patient regarding breast self examination.

3. Pap Smear and Cultures

The student will demonstrate the ability to:

- A. Perform an adequate Pap smear
- B. Obtain specimens to detect STDs
- C. Handle specimens properly to improve diagnostic accuracy
- D. Provide an explanation to the patient regarding the purpose of these tests

4. Preventive Care and Health Maintenance

The student will be able to describe the following:

- A. Age appropriate screening procedure and recommended time intervals for:
 - a. Blood pressure monitoring
 - b. Immunizations
 - c. Mammogram
 - d. Pap smear
 - e. Blood lipid profiles

The student will be able to counsel the patient regarding:

- A. Contraception
- B. Prevention of STDs
- C. Diet
- D. Exercise
- E. Smoking cessation
- F. Substance abuse
- G. Seat belt use
- H. Sun exposure
- I. Depression

5. Maternal-Fetal Physiology

The student will be able to describe the following:

- A. Maternal physiologic and anatomic changes associated with pregnancy
- B. Physiologic functions of the fetus and placenta

6. Preconception Care

The student will demonstrate the ability to:

- A. Describe how certain medical conditions affect pregnancy
- B. Describe how pregnancy affects certain medical conditions
- C. Counsel patients regarding a history of genetic abnormalities
- D. Counsel patients regarding advanced maternal age
- E. Counsel patients regarding substance abuse
- F. Counsel patients regarding nutrition and exercise
- G. Counsel patients regarding medications and environmental hazards
- H. Counsel patients regarding immunizations

7. Antepartum Care

The student will be able to cite methods to:

- A. Diagnose pregnancy
- B. Assess gestational age
- C. Distinguish an at-risk pregnancy
- D. Assess fetal growth, well-being and maturity

The student will be able to describe:

- A. Appropriate diagnostic studies
- B. Patient education programs
- C. Nutritional needs of pregnant women
- D. Adverse effects drugs and the environment

The student will be able to:

- A. Perform a physical examination on obstetric patients

- B. Answer commonly asked questions concerning pregnancy and labor and delivery

8. Intrapartum Care

The student will be able to describe:

- A. Characteristics of true and false labor
- B. Initial assessment of the laboring patient
- C. Stages and mechanism of normal labor and delivery
- D. Techniques to evaluate the progress of labor
- E. Pain management during labor
- F. Methods of monitoring the mother and fetus
- G. Management of normal delivery
- H. Vaginal repair
- I. Indications for operative delivery
- J. Immediate postpartum care of the mother

9. Immediate Care of the Newborn

The student will be able to describe:

- A. Techniques for assessing newborn status
- B. Situations requiring immediate intervention in newborn care

10. Postpartum Care

The student will be able to describe:

- A. Normal maternal physiologic changes of the postpartum period
- B. Normal postpartum care and patient counseling

11. Lactation

The student will be able to:

- A. List the normal physiologic and anatomic changes of the breast during pregnancy and the postpartum periods
- B. Recognize and treat common postpartum abnormalities of the breast
- C. Understand the reasons why breastfeeding should be encouraged
- D. Recognize commonly used medications which are appropriate and inappropriate to use while breastfeeding
- E. Counsel the lactating patient about commonly asked questions such as frequency, duration, inadequate production of milk, etc.

12. Ectopic Pregnancy

The student will be able to:

- A. Develop a differential diagnosis of first trimester bleeding
- B. List risk factors predisposing patients to ectopic pregnancy
- C. Describe symptoms and physical findings suggestive of ectopic pregnancy
- D. Understand methods and tests used to confirm the diagnosis of ectopic pregnancy
- E. Explain treatment options

13. Spontaneous Abortion

The student will be able to:

- A. Distinguish the types of spontaneous abortion
- B. Define recurrent abortion
- C. Recognize the signs of a missed abortion
- D. List complications of spontaneous abortion
- E. List causes and complications of septic abortion

14. Medical and Surgical Conditions in Pregnancy

The student will be able to counsel patients regarding potential consequences of the following conditions in pregnancy:

- A. Anemia
- B. Diabetes mellitus
- C. Urinary tract disorders
- D. Infectious diseases (HSV, Rubella, GBS, Hepatitis, HIV, CMV, Varicella, etc.)
- E. Cardiac disease
- F. Asthma
- G. Alcohol, tobacco, other substance abuse
- H. Surgical abdomen

15. Preeclampsia-Eclampsia Syndrome

The student will be able to explain:

- A. Definition and classification of hypertension in pregnancy
- B. Pathophysiology of preeclampsia-eclampsia syndrome
- C. Symptoms, physical findings and diagnostic methods
- D. Approach to management
- E. Maternal and fetal complications

16. Isoimmunization

The student will demonstrate a knowledge of the following:

- A. Red blood cell antigens
- B. Use of immunoglobulin prophylaxis during pregnancy
- C. Clinical circumstances under which D isoimmunization is likely to occur
- D. Methods used to determine maternal isoimmunization and severity of fetal involvement

17. Multifetal Gestation

The student will be able to describe:

- A. Etiology of monozygotic, dizygotic and multizygotic gestation
- B. Symptoms, physical findings and diagnostic methods
- C. Approach to antepartum, intrapartum and postpartum management

18. Fetal Death

The student will be able to describe:

- A. Common causes of fetal death in each trimester
- B. Symptoms, physical findings and diagnostic methods to confirm diagnosis
- C. Management of a patient with fetal death
- D. Emotional reactions and their effect on management

E. Maternal complications

19. Abnormal Labor

The student will be able to explain:

- A. Abnormal labor patterns
- B. Methods of evaluating fetopelvic disproportion
- C. Fetal and maternal complications resulting from abnormal labor
- D. Indications and contraindications for oxytocin administration
- E. Strategies for management of abnormal fetal presentations
- F. Indications for vaginal birth after caesarean delivery
- G. Strategies for emergency management of breech, shoulder dystocia, and cord prolapse

20. Third Trimester Bleeding

The student will be able to:

- A. Describe complications of placenta previa and abruptio placenta
- B. Describe immediate management of shock secondary to third trimester bleeding
- C. Describe components of various blood products and indications for their use

21. Preterm Labor

The student will be able to describe:

- A. Factors predisposing to preterm labor
- B. Signs and symptoms of premature uterine contractions
- C. Management of preterm labor, including tocolytics, steroids, antibiotics

22. Premature Rupture of Membranes

The student will be able to describe the following:

- A. History, physical findings and diagnostic methods to confirm ROM
- B. Factors predisposing to premature rupture of membranes
- C. Risks and benefits of expectant management v. immediate delivery
- D. Methods to monitor maternal and fetal status during expectant management

23. Intrapartum Fetal Surveillance

The student will be able to describe techniques and interpretation of intrapartum fetal surveillance, including:

- A. Auscultation
- B. Electronic fetal monitoring
- C. Fetal scalp sampling
- D. Amniotic fluid assessment

24. Postpartum Hemorrhage

The student will be able to describe:

- A. Risk factors for postpartum hemorrhage
- B. Differential diagnosis of postpartum hemorrhage
- C. Immediate management of patient with PPH, including:
 - a. Inspection for lacerations

- b. Use of uterine contractile agents
- c. Management of volume loss
- d. Management of coagulopathy

25. Postpartum Infection

The student will be able to describe:

- A. Risk factors for postpartum infection
- B. Differential diagnosis of infectious organisms
- C. Indications for use of prophylactic antibiotics

26. Anxiety and Depression

The student will be able to describe:

- A. Normal emotional responses to pregnancy changes
- B. Signs and symptoms of postpartum depression and psychosis

27. Mortality

The student will be able to define the following terms, causes, and epidemiologic rates:

- A. Maternal death rate
- B. Fetal death rate
- C. Neonatal death rate
- D. Perinatal death rate

28. Postterm Pregnancy

The student will be able to describe:

- A. Normal period of gestation and management of prolonged gestation
- B. Complications of postmaturity

29. Fetal Growth Abnormalities

The student will be able to describe:

- A. Macrosomia and fetal growth restriction
- B. Etiologies of abnormal growth
- C. Methods of detection of fetal growth abnormalities and associated morbidities

30. Obstetric Procedures

The student will be able to describe:

- A. Ultrasound
- B. Chorionic villous sampling
- C. Amniocentesis
- D. Antepartum fetal assessment
- E. Intrapartum fetal surveillance
- F. Induction and augmentation of labor
- G. Episiotomy
- H. Spontaneous vaginal delivery
- I. Vacuum assisted vaginal delivery
- J. Forceps delivery

- K. Breech delivery
- L. Caesarean delivery
- M. Vaginal birth after caesarean section
- N. Newborn circumcision

31. Contraception

The student will be able to explain:

- A. Physiologic or pharmacologic basis of action
- B. Effectiveness
- C. Benefits and risks
- D. Financial considerations of various methods of contraception

32. Sterilization

The student will be able to describe:

- A. Methods of male and female surgical sterilization
- B. Potential surgical complications, failure rates, reversibility
- C. Financial considerations

33. Abortion

The student will be able to describe:

- A. Surgical and non-surgical pregnancy termination methods
- B. Potential complications of abortion, such as hemorrhage and infection
- C. Psychosocial considerations of abortion

34. Vulvar and Vaginal Disease

The student will be able to describe:

- A. Evaluation and management of common vulvar and vaginal problems:
 - a. Vaginitis due to bacteria, fungi, trichomonads, foreign body, atrophy
 - b. Dermatologic conditions of the vulva
 - c. Bartholin's gland disease
 - d. Vulvodynia

35. Sexually Transmitted Infections

The student will be able to describe:

- A. Organisms and methods of transmission, symptoms, physical findings and evaluation and management of the following:
 - a. Gonorrhea
 - b. Chlamydia
 - c. Herpes simplex virus
 - d. Syphilis
 - e. Human papilloma virus
 - f. Human immunodeficiency virus
 - g. Hepatitis B
- B. Public health concerns, including:
 - a. Screening programs
 - b. Costs

- c. Prevention and immunizations
- d. Partner evaluation and treatment

36. Pelvic Relaxation and Urinary Incontinence

The student will demonstrate a knowledge of the following:

- A. Predisposing risk factors for pelvic organ prolapse and incontinence
- B. Anatomic changes, fascial defects and neuromuscular pathophysiology
- C. Signs and symptoms
- D. Physical exam – cystocele, rectocele, enterocele, vaginal vault prolapse
- E. Methods of diagnosis
 - a. Urine culture
 - b. Post-void residual
 - c. Cystoscopy
 - d. Urodynamic testing
- F. Nonsurgical and surgical treatments, including:
 - a. Pessary
 - b. Medications
 - c. Reconstructive surgery

37. Endometriosis

The student will be able to describe:

- A. Theories of pathogenesis
- B. Symptoms and physical findings
- C. Common sites of implants
- D. Methods of diagnosis
- E. Non-surgical and surgical management

38. Chronic Pelvic Pain

The student will be able to describe:

- A. Chronic pelvic pain
- B. Incidence, etiologies and clinical manifestations
- C. Diagnostic procedures and management options

39. Disorders of the Breast

The student will be able to describe:

- A. Standards of surveillance for an adult woman, including breast self-examination, physical examination and mammography
- B. Diagnostic approach to a woman with breast mass, nipple discharge or breast pain
- C. History and physical findings that might suggest the following:
 - a. Intraductal papilloma
 - b. Fibrocystic changes
 - c. Fibroadenoma
 - d. Carcinoma
 - e. Mastitis
- D. How to teach a patient to perform breast self-examination

40. Gynecologic Procedures

The student will be able to counsel a patient regarding the risk, benefits, and financial considerations of the following procedures:

- A. Colposcopy and cervical biopsy
- B. Cone biopsy
- C. Cryotherapy
- D. Culdocentesis
- E. Dilatation and curettage
- F. Electrosurgical excision of cervix
- G. Endometrial biopsy
- H. Hysterectomy
- I. Hysterosalpingography
- J. Hysteroscopy
- K. Laparoscopy
- L. Laser vaporization
- M. Mammography
- N. Needle aspiration of breast mass
- O. Pelvic ultrasonography
- P. Pregnancy termination
- Q. Vulvar biopsy

41. Puberty

The student will be able to describe:

- A. Physiologic events that take place in the hypothalamic-pituitary-ovarian axis and their target organs during normal puberty
- B. Sequence of and expected ages at which these changes occur
- C. Characteristics, causes and diagnostic approach to early or delayed puberty

42. Amenorrhea

The student will be able to describe:

- A. Definitions of primary and secondary amenorrhea and oligomenorrhea
- B. Causes of amenorrhea, evaluation methods and treatment options

43. Hirsutism and Virilization

The student will be able to describe:

- A. Normal variations in secondary sex characteristics
- B. Ovarian, adrenal, pituitary and pharmacologic causes
- C. Evaluation of the patient with hirsutism and virilization

44. Dysmenorrhea

The student will be able to describe:

- A. Definitions of primary and secondary dysmenorrhea
- B. Causes of dysmenorrhea and management strategies

45. Normal and Abnormal Uterine Bleeding

The student will be able to:

- A. Describe the endocrinology and physiology of normal menstrual cycle
- B. Distinguish abnormal uterine bleeding from dysfunctional uterine bleeding
- C. Describe causes and evaluation methods for abnormal uterine bleeding
- D. Describe therapeutic options

46. Climacteric

The student will be able to describe:

- A. Physiologic changes in the hypothalamic-pituitary-ovarian axis
- B. Symptoms and physical findings associated with hypoestrogenism
- C. Management including hormone therapy, nutrition and exercise, and non-hormonal therapeutic options
- D. Risks and benefits of hormone replacement therapy

47. Infertility

The student will be able to describe:

- A. Definition of primary and secondary infertility
- B. Causes of male and female infertility
- C. Evaluation, management and psychosocial issues associated with infertility

48. Premenstrual Syndrome/ Premenstrual Dysphoria Disorder

The student will be able to describe:

- A. Definition of PMS
- B. Theories of etiology, methods of diagnosis and management strategies

49. Gestational Trophoblastic Disease

The student will be able to describe:

- A. Symptoms and physical findings
- B. Diagnostic methods, management and follow-up

50. Vulvar Neoplasms

The student will be able to describe:

- A. Risk factors for vulvar neoplasms
- B. Methods of diagnosis and management strategies

51. Cervical Disease and Neoplasia

The student will be able to describe:

- A. Risk factors for cervical disease and neoplasia
- B. Indications for screening
- C. Symptoms and physical findings of cervicitis and neoplasia
- D. Evaluation and management of patient with an abnormal pap smear
- E. Impact of staging on management and prognosis

52. Uterine Leiomyomas

The student will be able to describe:

- A. Prevalence of uterine leiomyomas
- B. Symptoms and physical findings

- C. Methods to confirm the diagnosis
- D. Indications for medical and surgical treatment

53. Endometrial Carcinoma

The student will be able to describe:

- A. Risk factors for endometrial carcinoma
- B. Symptoms and physical findings
- C. Management of the patient with postmenopausal bleeding
- D. Methods to diagnose endometrial carcinoma
- E. Impact of staging on management and prognosis
- F. Management of the patient with endometrial cancer

54. Ovarian Neoplasms

The student will be able to describe:

- A. Evaluation of a patient with an adnexal mass
- B. Characteristics of:
 - a. Functional cysts
 - b. Benign neoplasms
 - c. Carcinomas
- C. Evaluation and management of carcinoma of the ovary:
 - a. Symptoms and physical findings
 - b. Risk factors
 - c. Histologic classification
- D. Impact of staging on management and prognosis

55. Human Sexuality

The student will be able to describe:

- A. Physiology of male and female sexual response
- B. Patterns of sexual function and dysfunction
- C. Contrasting sexual behavior patterns and social issues of people who are heterosexual, homosexual, bisexual, transgendered

56. Sexual Assault

The student will be able to explain the medical, forensic and psychological evaluation and treatment and follow up of:

- A. Child sexual assault victim
- B. Adult sexual assault victim

57. Domestic Violence

The student will be able to:

- A. Cite prevalence and incidence of violence against women, elder and child abuse
- B. Assess the involvement of any patient in domestic violence situations
- C. Counsel patients for short term safety
- D. Counsel patients regarding local support agencies for long term management and resources

E. Counsel patients requiring resources for batterers and perpetrators of domestic violence