

2022 Learning Outcomes

Obstetrics and Fetal Monitoring and Antepartum/Postpartum Courses

JANUARY

Activities 22001P, 22002P – **COVID-19 and Pregnancy**

- Identify pregnancy as an independent risk factor for developing severe COVID-19 disease.
- Explain the range in severity of COVID-19 disease in pregnancy.
- List symptoms that can differentiate COVID-19 infection from physiologic changes in pregnancy.
- Describe the hypothesized altered immune response in pregnancy from humoral Th1 immunity to cellular Th2 immunity.
- Identify treatments that are recommended for pregnant patients with COVID-19.
- Interpret R.S.'s fetal heart rate tracing. (22001P only)

Activities 22003P, 22004P - **Vaginal Infections in Pregnancy**

- Describe what constitutes normal vaginal flora.
- List adverse pregnancy outcomes associated with vaginal infections.
- Outline treatment regimens for vaginal infections.
- Interpret E.K.'s fetal heart rate tracing. (22003P only)

FEBRUARY

Activities 22009P, 22010P – **Social Determinants of Adverse Pregnancy Outcomes**

- Explain the importance of social determinants in pregnancy.
- Describe clinical actions that can be taken to address social determinants during pregnancy care.
- Interpret E.J.'s fetal heart rate tracing. (22009P only)

Activities 22011P, 22012P - **Racial Disparities in the Neonatal Intensive Care Unit**

- Describe ways in which racism can exacerbate health disparities for infants.
- List specific disparities in outcomes among neonatal intensive care unit (NICU) graduates.
- Explain one possible way to advocate for health equity in the NICU.
- Interpret R.J.'s fetal heart rate tracing. (22011P only)



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MARCH

Activities 22017P, 22018P - Management of the First Stage of Labor

- Explain the basic progression of normal labor versus abnormal labor.
- Describe interventions that can be utilized during abnormal labor.
- Discuss common interventions that are utilized during the first stage of labor and review evidence for or against them.
- Interpret T.Y.'s fetal heart rate tracing. (22017P only)

Activities 22019P, 22020P – Third Stage Labor Management

- Describe physiology of the third stage of labor.
- Identify risk factors for postpartum hemorrhage.
- Explain risks/benefits of active, mixed, and expectant management of the third stage of labor.
- List benefits of delayed umbilical cord clamping.
- Interpret P.L.'s fetal heart rate tracing. (22019P only)

APRIL

Activities 22025P, 22026P – Prescription Drug Misuse in Pregnancy

- Define prescription drug misuse.
- Identify patients at increased risk for prescription drug misuse during pregnancy.
- List three maternal, fetal, or neonatal consequences of prescription drug misuse.
- Interpret B.S.'s fetal heart rate tracing. (22025P only)

Activities 22027P, 22028P - Oxytocin Use in Labor Management

- Explain common protocols for oxytocin use in the induction and augmentation of labor.
- Describe benefits of oxytocin use for active management of the third stage of labor.
- List risks of oxytocin use and demonstrate ways to mitigate them.
- Interpret S.J.'s fetal heart rate tracing. (22027P only)



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MAY

Activities 22033P, 22034P - **Management of Ectopic and Cornual Pregnancies**

- List types and risk factors for ectopic pregnancy.
- Explain ultrasound findings and human chorionic gonadotropin (hCG) trends to diagnose an ectopic pregnancy.
- Describe medical and surgical treatment options for tubal and cornual ectopic pregnancies.
- Discuss the utility and outcomes of treatment options for tubal and cornual ectopic pregnancies.
- Interpret M.B.'s fetal heart rate tracing. (22033P only)

Activities 22035P, 22036P – **Placenta Accreta Spectrum**

- List risk factors and key sonographic features of placenta accreta spectrum.
- Outline a plan of delivery for women with suspected placenta accreta spectrum.
- Interpret W.S.'s fetal heart rate tracing. (22035P only)

JUNE

Activities 22041P, 22042P - **Insulin Management in Obstetrics**

- Identify adverse perinatal outcomes associated with diabetes in pregnancy.
- Describe alterations in insulin resistance and sensitivity that occur in pregnancy.
- Explain treatment options for diabetes in pregnancy.
- Interpret B.K.'s fetal heart rate tracing. (22041P only)

Activities 22043P, 22044P - **Care of the Newborn of a Diabetic Mother**

- List common problems faced by an infant of a diabetic mother (IDM).
- Explain mechanisms behind the development of problems faced by IDMs.
- Describe management recommended for these infants.
- Interpret B.D.'s fetal heart rate tracing. (22043P only)



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JULY

Activities 22049P, 22050P - **Malignant Melanoma in Pregnancy**

- Understand the pathogenesis of melanoma in pregnancy.
- Describe how to diagnose and treat metastatic melanoma in pregnancy.
- Interpret S.J.'s fetal heart rate tracing. (22049P only)

Activities 22051P, 22052P - **Lymphoma in Pregnancy**

- Describe a diagnosis of lymphoma in a pregnant patient, including biopsy and process of staging the cancer.
- Discuss the importance of a multidisciplinary team for preparing and carrying out a comprehensive treatment plan.
- Explain potential lymphoma treatment regimens along with supportive care in the setting of pregnancy.
- Interpret K.J.'s fetal heart rate tracing. (22051P only)

AUGUST

Activities 22057P, 22058P - **Nutrition: What Do We Really Know and What Do We Need?**

- Describe macronutrients and their role in health.
- List types and examples of foods that support health and well-being.
- Discuss the role of probiotics.
- Interpret T.J.'s fetal heart rate tracing. (22057P only)

Activities 22059P, 22060P - **Understanding the Importance of a Plant-Based Diet in Pregnancy**

- Define and describe plant-based diets.
- List benefits and risks of plant-based diets.
- Explain pertinent considerations for patients who adopt these diets during pregnancy.
- Interpret K.C.'s fetal heart rate tracing. (22059P only)

2022 Learning Outcomes

Obstetrics and Fetal Monitoring and Antepartum/Postpartum Courses

SEPTEMBER

Activities 22065P, 22066P - **Changing Trends in Assisted Vaginal Delivery**

- Describe trends of assisted vaginal delivery and cesarean section since 1970.
- Differentiate risks of forceps versus vacuum deliveries.
- Interpret A.A.'s fetal heart rate tracing. (22065P only)

Activities 22067P, 22068P - **The Causes of Sentinel Events and How to Prevent Recurrence**

- List goals of disclosing obstetric sentinel events to patients and/or families.
- Explain the difference between root cause analysis interviews and emotional debriefings for providers involved in an obstetric sentinel event.
- Explain potential lymphoma treatment regimens along with supportive care in the setting of pregnancy.
- Describe an approach to obstetric sentinel events aimed at identifying and correcting systems gaps to reduce the recurrence of these.
- Interpret G.J.'s fetal heart rate tracing. (22067P only)

OCTOBER

Activities 22073P, 22074P - **Neonatal Abstinence Syndrome: New Management Approaches**

- Define the term "opiate epidemic" and the increased concerns for obstetric management and prenatal counseling.
- List signs and symptoms of opioid withdrawal in the newborn.
- Describe nonpharmacologic treatments and interventions for neonatal abstinence.
- Explain differences between exposure to methadone and buprenorphine.
- List benefits of breastfeeding the baby with neonatal withdrawal.
- Interpret S.J.'s fetal heart rate tracing. (22073P only)

Activities 22075P, 22076P - **Evaluating the Newborn for Risk of Sepsis**

- List factors that place an infant at higher risk for early- and late-onset neonatal sepsis.
- Identify microorganisms associated with neonatal sepsis.
- Describe the clinical presentation of neonatal sepsis.
- Explain the initial workup and management of early- and late-onset neonatal sepsis.
- Discuss culture-negative sepsis.
- Interpret T.D.'s fetal heart rate tracing. (22075P only)

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NOVEMBER

Activities 22081P, 22082P - **Abruptio Placentae**

- Describe the prevalence of abruption placentae.
- Explain the pathology of abruption placentae.
- Provide a plan of management for abruption placentae in term and preterm pregnancies.
- Interpret D.R.'s fetal heart rate tracing. (22081P only)

Activities 22083P, 22084P - **Placental Physiology**

- Describe the development of the placenta in early gestation.
- List placental cell types and how they interact to form the overall structure of the placenta.
- Explain functions of the placenta and how these functions contribute to normal fetal development.
- Interpret J.L.'s fetal heart rate tracing. (22083P only)

DECEMBER

Activities 22089P, 22090P - **Alcohol and Fetal Risks**

- Discuss prevalence and risk factors for alcohol use in pregnancy.
- Identify characteristics of fetal alcohol syndrome, including physical characteristics and neurobehavioral deficits.
- List negative obstetric outcomes seen in mothers and infants with fetal alcohol syndrome.
- Describe the role of healthcare providers in screening, educating, and intervening in cases of prenatal alcohol use.
- Interpret H.L.'s fetal heart rate tracing. (22089P only)

Activities 22091P, 22092P - **Risks of Cigarettes and Vaping in Pregnancy**

- Discuss tobacco use and its deleterious effects on pregnancy.
- List adverse neonatal and childhood outcomes as a result of smoking.
- Explain the rise of e-cigarette use and pregnancy considerations.
- List ways that healthcare providers can support patients in smoking cessation.
- Interpret D.A.'s fetal heart rate tracing. (22091P only)

2022 Learning Outcomes

Women's Health Course

JANUARY

Activity 22005P - **Urogenital Gonorrhea and Chlamydia**

- Describe potential long-term consequences of untreated gonorrhea and chlamydial infections.
- Outline screening guidelines for gonorrhea and chlamydial infections.
- Explain how to treat gonorrhea and chlamydial infections.
- Communicate the importance of expedited partner therapy and how to provide it.

FEBRUARY

Activity 22013P - **Social Bias in Breast Cancer Screening**

- Define social bias and provide examples of groups affected by social bias.
- List two ways in which social bias can affect the quality of breast cancer screening.
- Describe strategies that can be used to mitigate social and implicit biases.

MARCH

Activity 22021P – **The History of Cervical Cancer Screening**

- Discuss the history of cervical cancer screening.
- Describe current cervical cancer screening recommendations.
- Explain the rationale behind recent changes in management guidelines.

APRIL

Activity 22029P - **Human Papillomavirus Vaccine**

- Describe the relationship between human papillomavirus (HPV) and cervical and anal dysplasia.
- Identify who should be offered the HPV vaccination.
- Describe the types of HPV vaccinations available.

MAY

Activity 22037P – **Diagnosis and Management of Endometriosis**

- Provide a basic overview of endometriosis.
- Discuss the clinical evaluation of endometriosis.
- List the current pharmacologic options available for the management of endometriosis.
- Describe current surgical/procedural options available for managing endometriosis.

2022 Learning Outcomes

Women's Health Course

JUNE

Activity 22045P - Evidence-Based, No-Touch, No-Test Family Planning Care for COVID-19

- Identify contraceptive methods that may be initiated via telemedicine in appropriate patients.
- Compare FDA-approved durations to evidence-based durations for long-acting reversible contraceptives.
- Describe a protocol for medication abortion via telemedicine that does not require office-based imaging or laboratory tests.

JULY

Activity 22053P - Immunotherapy in Breast Cancer

- Describe the basis of cancer treatments with monoclonal antibodies.
- Discuss immune checkpoint inhibitors for cancer treatment.
- Explain challenges of triple-negative breast cancer care.
- Summarize the basis of newly developed CAR T-cell therapy.

AUGUST

Activity 22061P - A Short History of Tamoxifen and Aromatase Inhibitor for Breast Cancer

- Explain the development of tamoxifen and aromatase inhibitors.
- Provide a general overview of history of the development of endocrine therapy in breast cancer.

SEPTEMBER

Activity 22069P - Impaired Healthcare Professionals

- Identify risks of impaired healthcare professionals and their relationship to medication diversion.
- Describe contributing factors and signs of impairment.
- Explain strategies to detect and prevent medication diversion.

2022 Learning Outcomes

Women's Health Course

OCTOBER

Activity 22077P - **Prophylactic Journey: One Patient's Dilemma**

- Discuss health risks of being a BRCA2-positive woman.
- Explain why being BRCA2-positive challenges one's decisions regarding her body.
- Describe a strategy for monitoring women who are BRCA2 positive but who choose to delay any prophylactic surgery.
- Present a plan for addressing menopause symptoms following prophylactic surgery for BRCA2-positivity.
- List surgical options for prophylactic mastectomy for BRCA2-positive women.

NOVEMBER

Activity 22085P - **Breast Cancer Coalition of Rochester (BCCR): An Important Community Model for Providing Critical Support for Breast Cancer Survivors**

- Describe challenges facing a woman who chooses to seek prophylactic surgery for breast cancer risk.
- Explain the role of "Brown Bag Fridays" for group discussions of breast cancer risk.
- Present a plan for how a community breast cancer coalition can be structured to expand awareness of risk and ethical issues for breast cancer care.

DECEMBER

Activity 22093P - **Treatment of Cognitive Impairments Following Breast Cancer through the Use of an Integrative Cognitive Rehabilitation Program**

- Explain benefits of collaborative rehabilitation of breast cancer survivors.
- List three cognitive strategies for breast cancer survivors.
- Describe the role of collaborative care to address cognitive impairment of the breast cancer survivor.

2022 Learning Outcomes

Video Course

JANUARY

Activity 22006P – The Body’s Defenses from Infection

- Explain how the body defends itself against infections.
- Describe the goal of the teaching moment.

FEBRUARY

Activity 22014P – Estradiol, Energy, and Weight

- Explain how estradiol supports energy expenditure during the reproductive years and what happens when estradiol levels drop in menopause.
- Describe the goal of the teaching moment.

MARCH

Activity 22022P – Listeria and Pregnancy

- Describe listeriosis and its effect on pregnant people and their newborns.
- Interpret the FHR tracing.
- Describe the goal of the teaching moment.

APRIL

Activity 22030P - Lyme Disease: A Long COVID Perspective

- Interpret the FHR tracing.
- Describe the goal of the teaching moment.

MAY

Activity 22038P – Postpartum Hemorrhage

- Identify causes and risk for postpartum hemorrhage.
- Describe the goal of the teaching moment.

JUNE

Activity 22046P - Disparities in Accessing Healthcare

- Correctly interpret the fetal heart rate monitor tracing using NICHD criteria.
- Describe the goal of the teaching moment.

2022 Learning Outcomes

Video Course

JULY

Activity 22054P – Malignant Hyperthermia

- Describe the physiology and identification of malignant hyperthermia.
- Describe the goal of the teaching moment.

AUGUST

Activity 22062P - Gestational Diabetes and Controlling Carbohydrates

- Explain how controlling carbohydrates can help in the treatment of gestational diabetes.
- Describe the goal of the teaching moment.

SEPTEMBER

Activity 22070P - Blood Clotting: The Good, the Bad, and the Ugly

- Explain the three basic steps that lead from trauma to hemorrhage to healing.
- Describe the goal of the teaching moment.

OCTOBER

Activity 22078P - Normal Newborn Neurologic Exam

- Identify normal findings of a newborn neurologic exam.
- Describe the goal of the teaching moment.

NOVEMBER

Activity 22086P - A Normal Fetal Heart Rate Tracing

- Interpret a normal fetal heart rate tracing.
- Describe the goal of the teaching moment.

DECEMBER

Activity 22094P - Environmental Chemicals and Reproductive Health

- Identify examples of endocrine disrupting chemicals and their effects on the developing fetus.
- Describe the goal of the teaching moment.