

# New Provider Course

## Essentials of Obstetrics and Fetal Heart Rate Monitoring

Using NICHD nomenclature, the New Provider Online Course quickly and effectively teaches new obstetric care providers the essentials of fetal heart rate monitoring interpretation and fetal physiology.

### Course Content

- The Goal of Fetal Heart Rate Monitoring
- Extrinsic Factors and Their Impact on the Fetal Heart Rate
  - Maternal Factors
  - Placenta
  - Umbilical Cord
- Intrinsic Factors and Their Impact on the Fetal Heart Rate
  - Fetal Circulation
  - Neurohormonal Response
  - Fetal Oxygenation and Acid-Base Balance
- Electronic Fetal Heart Rate Monitoring
- Initial Intrapartum Assessment
- Fetal Heart Rate Patterns
  - Early Decelerations
  - Late Decelerations
  - Variable Decelerations
  - Categories of Fetal Heart Rate Tracings
  - Sinusoidal Versus Sinusoidal-Like
- Antepartum Testing
- Communication and Documentation
  - Verbal Communication
  - Chain of Command

### Review Test:

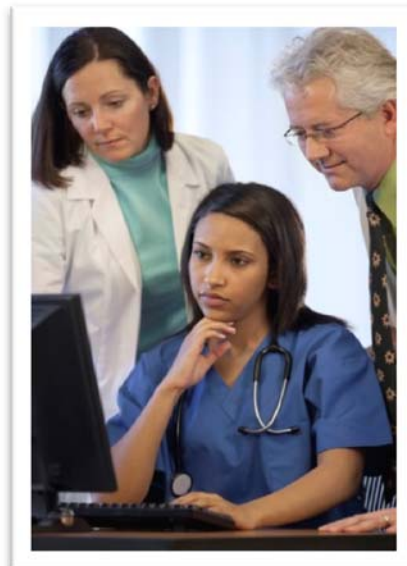
After completing the New Provider Course, the user can complete the review test, which includes ten clinical case studies. Each clinical case study includes a fetal heart rate tracing for interpretation.

After submitting and completing the test, a printable grade is available immediately, as well as explanations for the answers.

For an additional fee, participants have the opportunity to earn 9 nursing contact hours upon reviewing the course materials and successful completion of the review test.

### Upon completion the learner will be able to:

- Identify factors that place the fetus at risk.
- Discuss normal perinatal physiology.
- Select appropriate fetal heart rate monitoring methods.
- Define components of systemic assessment of fetal heart rate monitoring information.
- Define normal and abnormal uterine activity.
- List factors affecting fetal heart rate monitoring interpretation.
- Discuss physiologic interventions.
- Describe communication and documentation responsibilities.
- Analyze fetal monitoring information, using a systematic approach to interpret components of the fetal heart rate in actual cases.



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