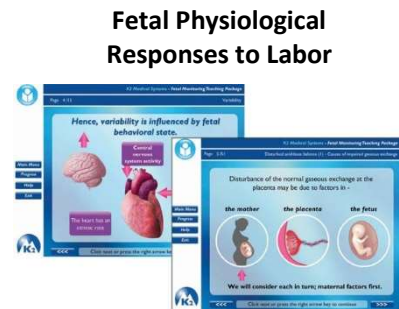


# The K2 Perinatal Training Program – learn, practice, assess & remediate

## FETAL MONITORING



A foundation in maternal-fetal physiology is established. The learner discovers how the stresses of labor impact the fetal acid base balance. Topics include:

- Normal Physiology
- Aerobic Metabolism
- Fetal Adaptations to Hypoxia
- CO2 Elimination
- Anaerobic Metabolism
- Respiratory Acidemia
- Metabolic Acidemia
- Cord blood sampling
- Cord blood gas analysis
- Neonatal Outcomes

4 hours

### Intrapartum Fetal Monitoring



Learn to identify and communicate the features of the fetal heart rate tracing and understand their significance relative to fetal status along with possible interventions. Content teaches and reinforces NICHD standardized terminology. Topics include:

- Purpose of Fetal Monitoring
- Physiology
- A Systematic Approach
- Definition & Identification of FHR baseline, accelerations, variability, decelerations
- Contraction patterns
- Abnormal FHR patterns
- Risk factors & precipitating events
- Clinical interventions

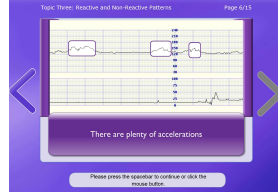
4 hours

### Errors & Limitations in Fetal Monitoring



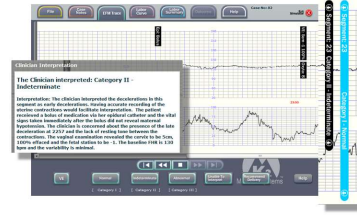
An in-depth review of the limitations of fetal monitoring technology and the errors that may result, and how to recognize and guard against these errors. Topics include: Fetal Heart Rate Detection using Ultrasound and Fetal Scalp Electrodes, Uterine Activity Monitoring and Dual Heart Rate Monitoring. 1 hour

### Antepartum Non-Stress Testing



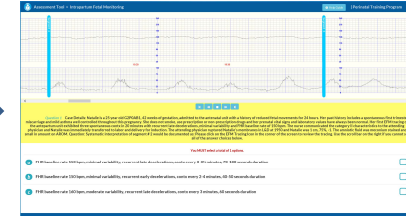
The purpose of an NST and when it is indicated. Review the proper procedure for an NST. Identify FHR accelerations, their physiology and their significance in a tracing. Recognize reactive & non-reactive patterns, and their significance. Responses to a non-reactive pattern.

### Simulation to Practice Skills with Case Reviews – Intermediate & Advanced



Real world labor cases are presented in an interactive, life-like format for the user to practice their interpretation skills and documentation of NICHD categories. Various risk factors and patterns are presented. Periodic expert feedback to the user's responses provides rationales for knowledge reinforcement with respect to physiology, tracing interpretation and labor management.

### Assessment & Remediation



Tests and maintains knowledge by presenting a random selection of questions for a chosen topic. At the end of the quizzes, results are given, with a remediation plan to improve knowledge using the program's broad resources.

### Simulation - Fetal Heart Monitoring Case Assessment & Testing Series (Intermediate & Advanced)



Interactive case reviews mimic what happens at bedside with tracings that progress over time simulating real-world care. The user applies their knowledge of maternal-fetal physiology, tracing interpretation and labor interventions in the analysis of case studies. Communication using NICHD terminology is promoted. Learning is reinforced with feedback and rationales, as well as scoring compared to expert reviewers. A valuable tool for the purpose of annual competency validation. 3 volumes, 3 hours each

## High risk, low incidence OB emergencies require regular training

## OB EMERGENCIES

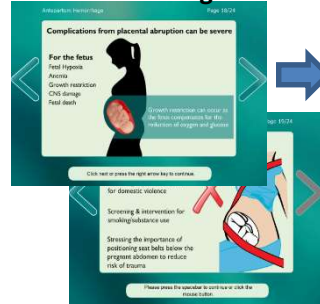
### Shoulder Dystocia



- Describe Shoulder Dystocia
- Potential maternal complications of shoulder dystocia
- Potential complications that the neonate may experience after a Shoulder Dystocia
- Maneuvers used to Free the Fetal Shoulders
- Postpartum Care requirements for mother and baby after a shoulder dystocia

1 hour

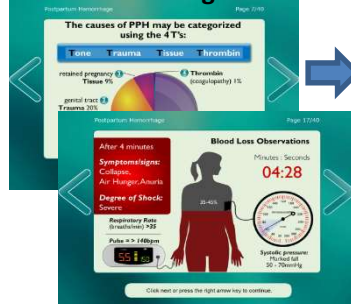
### Antepartum Hemorrhage



- Risk factors of Antepartum Hemorrhage
- Main Causes of APH - placenta previa, placental abruption and vasa previa.
- The principles of APH management

1 hour

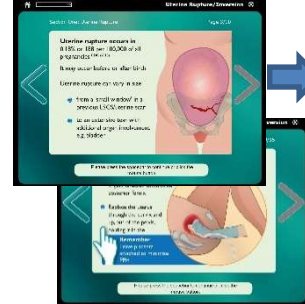
### Postpartum Hemorrhage



- Risk factors of PPH
- Main Causes of PPH
- Emergent management of the woman experiencing PPH
- Quantified blood loss evaluation
- Active Management of third stage of labor

1 hour

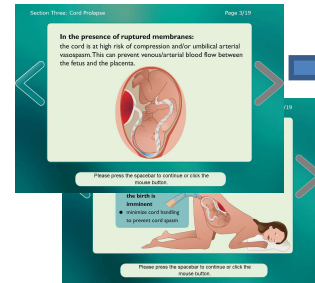
### Uterine Rupture/Inversion



- Risk factors for uterine rupture
- Identify the signs and symptoms of uterine rupture
- effective management of uterine rupture
- risk factors associated with uterine inversion
- initial management and complications of uterine inversion

0.75 hour

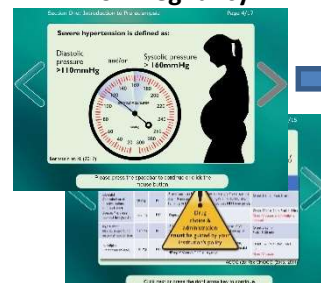
### Cord Presentation/Prolapse



- Differentiate between cord presentation & prolapse
- management of a cord presentation in labor
- Recognize cord prolapse
- management of a cord prolapse

0.75 hour

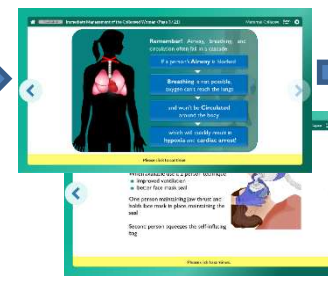
### Hypertensive Disorders of Pregnancy



- Define hypertensive disorders and their associated risk factors
- Discuss the effects on maternal & fetal systems
- Symptoms respective of organ system involvement
- Lab values, medication regimens, fetal surveillance and timing of delivery
- management of eclampsia
- Postpartum hypertension
- consistent patient education

1 hour

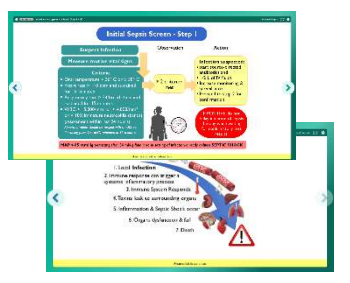
### Maternal Collapse



- Causes of Maternal Collapse
- Changes in anatomy and physiology during pregnancy
- Use of an Early Warning System to detect the deteriorating woman
- Use of the DRABCD mnemonic and its application in pregnancy
- Changes that occur during pregnancy and how they can affect effective resuscitation

1 hour

### Maternal Sepsis



- Progression of Infection, Sepsis and Septic shock
- Contributing risk factors
- Physiological changes of pregnancy that can mask signs of sepsis
- Causes of maternal sepsis
- Sources and symptoms
- Use of an Early Warning System, screening for maternal sepsis
- Initiating a Sepsis Bundle
- Managing Sepsis
- Sequelae of Sepsis
- Prevention

1 hour

Assessment Tool and Remediation for each chapter is recommended on a periodic basis.

This nursing continuing professional development activity was approved by Connecticut Nurses' Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.



# Why use the K2 Perinatal Training Program?

K2 Medical Systems is a world leader in online perinatal education. Our unique teaching methodology has been proven effective. The online education platform provides ongoing education in fetal monitoring and OB emergencies. Interactive education modules deliver core knowledge in antepartum, intrapartum, and postpartum maternity care. Simulation and real-world case reviews develop clinical skills. Assessment and remediation tools validate knowledge. Reporting facilities prove training compliance.

## What are the benefits of this training ?

- Online training is self-paced, an enduring activity/reference, and proven effective
- Easy to implement
- Does not require travel and staff scheduling provisions to attend
- More economical than other alternatives

## What can I expect ?

- Easy access on the web 24/7 using interactive medical graphics for an engaging learning experience
- Training in Fetal Physiological Responses to Labor, Tracing Interpretation, Labor Management, Error Reduction, and Non-Stress Testing with over 100 clinical sources
- Supports and reinforces the use of standardized NICHD terminology
- Knowledge Assessment to measure effectiveness and provide remediation
- Certificates of Completion with contact hours
- Customizable Learning Plans
- Ongoing training with Labor Simulation to Practice Skills using real world cases in an interactive strip review format (new case reviews provided every 6 months)
- Real-time User Progress reporting to drive training compliance, and prove compliance
- Topics on OB Emergencies including Shoulder Dystocia, Antepartum Hemorrhage, Postpartum Hemorrhage, Uterine Rupture/Inversion, Cord Presentation/Prolapse, Hypertensive Disorders of Pregnancy, Maternal Collapse, Maternal Sepsis
- Affordable site and individual licensing options

[www.k2ms-America.com](http://www.k2ms-America.com)



[us-sales@k2ms.com](mailto:us-sales@k2ms.com)  
203-230-3245



## The Perinatal Training Program by K2 Medical Systems

### Fetal Monitoring Track (10 contact hours)

- Fetal Physiological Responses to Labor
- Intrapartum Fetal Monitoring
- Training Simulator (with 5 case reviews every 6 months for practicing interpretation)
- Assessment Tool
- Errors & Limitations in Fetal Monitoring
- Non-Stress Testing
- Intrapartum Intermittent Auscultation (0.75 contact hour)

### Advanced Training Simulation (for tracing interpretation, knowledge review, and assessment – 9 contact hours total)

- Fetal Heart Monitoring Case Assessment and Testing (FHMCAT) (3 contact hours)
- Fetal Heart Monitoring Case Assessment and Testing, Advanced Level (3 contact hours in each of two volumes)

### Maternity Crisis Management Track (7.5 contact hours total)

- Shoulder Dystocia (1.0 contact hour)
- Antepartum Hemorrhage (1.0 contact hour)
- Postpartum Hemorrhage (1.0 contact hour)
- Uterine Rupture/Inversion (0.75 contact hour)
- Cord Prolapse/Presentation (0.75 contact hour)
- Hypertensive Disorders of Pregnancy (1.0 contact hour)
- Maternal Collapse (1.0 contact hour)
- Maternal Sepsis (1.0 contact hour)

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[www.k2ms-America.com](http://www.k2ms-America.com)



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