

FETAL HEART MONITORING CASE ASSESSMENT AND TESTING

Welcome to the web based Fetal Heart Monitoring Case Assessment and Testing (FHMCAT) Product; we hope you will enjoy this program.

To access the program

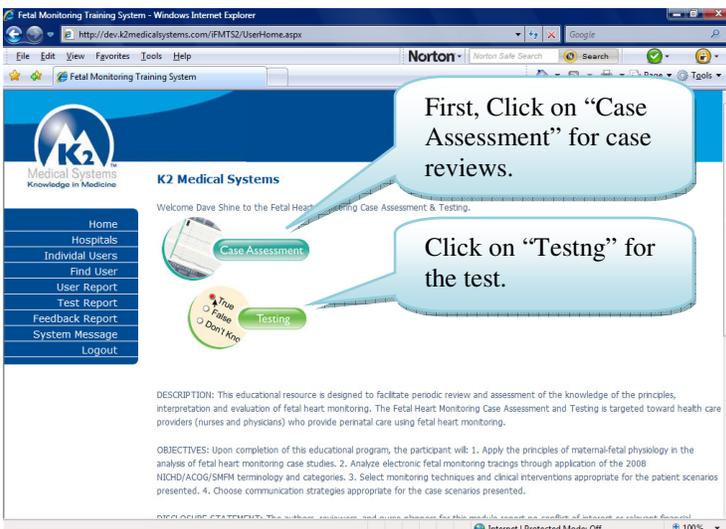
Enter this URL into the internet address line:

www.k2ms-university.com/FHMCAT

Login as follows:

LoginID: *enter the login ID you were setup with*

Password: *enter the password you were provided*



You are directed to a page with the disclaimer, disclosure, program description and objectives. From here you will advance the program to complete the Case Assessments and Test. To do this you will first click on “Case Assessment” to review 4 cases, and then you will click on “Testing” to complete a 25 question test.

The cases are comprised of clinical data about a patient and her EFM tracing. You will have the opportunity to review her tracing and to apply the 2008 NICHD EFM categories, as well as receive feedback on the tracing. Help on the Screen tabs and a glossary of NICHD EFM terms will be given.

Close the Help window. After reading the patient history, click on the “EFM Trace” tab to review the tracing. Click the  button to get started.



Click on “EFM Trace” tab to conduct review. Click on other tabs for case details.

Outcome tab unavailable until the review is complete.

Use these buttons to enter your interpretation of the tracing segment, and then to receive feedback.

Case Assessment – EFM Tracing screen

The Clinician interpreted: Category II - Indeterminate.
 Interpretation: The FHR variability is minimal, there are no accelerations and no decelerations. The baseline FHR is 120 bpm. The contractions are 1 1/2 minutes apart, lasting 40-60 seconds.



After exiting the Case Assessment, you may proceed to the Testing.

There are 25 test questions for you to answer. If you answer any of the test questions incorrectly, the rationale statement for the correct answer will be provided after you complete the test.



Log out of the FHM CAT. If you haven't completed the case assessments or test, your progress will be saved, and restored the next time you login. When you have completed the case assessments and testing, click “Get Certificate” to fill out a feedback form, then your certificate will be emailed to you.

Descriptions of Tabs at the top of the Case Screen

Case Notes Tab:

This tab will provide clinical information about the woman. This information is to be used in risk assessment for the individual case and when assessing and interpreting the EFM tracing. This information can be reviewed at any time during the case review by clicking on the tab.

EFM Trace Tab:

Clicking this tab will take the participant to an electronic fetal monitoring tracing. Some components of clinical data and the time are recorded on the EFM tracing. There are directional action arrows under each tracing. Clicking on the single arrow pointing to the right will progress the tracing to the end after all interpretations are completed. Clicking on the double arrows pointing to the right will progress the tracing at a variable speeds. Clicking on the single arrow pointing to the left will reverse the tracing to its beginning. Clicking on the double arrows pointing to the left will reverse the tracing at variable speeds. This ability to review previous tracing segments and interpretations may be of value when interpreting tracing segments or when reviewing clinical information. Double clicks on the double arrows in either direction will also increase the speed of the tracing progression. The square in the center of the area allows the participant to stop the tracing at any time. After participant interpretation of the tracing segment, the Clinician Interpretation pop up will appear on the screen to provide feedback about the EFM tracing interpretation. When the pop up box is closed the EFM tracing will continue to progress without participant prompting.

Labor Curve Tab:

Clicking this tab will provide a screen that includes a labor curve with clinical data. Also provided is information about pain relief interventions such as medications, pain scores, epidural information, and oxytocin administration in mU/minute, amniotic fluid reports, maternal temperatures and evidence of hemorrhage. This information can be obtained at any time by clicking the tab.

Labor Summary Tab:

Clicking this tab will provide general information about the woman such as her age, gestational age, medical conditions and antenatal conditions that were noted in the Case Notes. The bottom of this screen provides information about interpretation events with details and times. The most recent data is provided first and using the right vertical scroll bar will allow a review of previous information. This data is populated to the Labor Summary as the participant assesses the EFM tracing.

Descriptions of Buttons at Bottom of the EFM Tracing Screen

VE Button:

Selecting this button will provide the participant with the information about the most recently performed vaginal examination. Information included will be the cervical dilation, effacement and fetal station. This information can also be found by choosing the Labor Curve Tab at the top of the Case screen.

1 Category I/Normal Button:

Select this button if you, the participant, interpret the characteristics of the EFM tracing as meeting the criteria established for Normal/Category I EFM tracings. The characteristics are defined in the Glossary (see ___ icon).

2 Category II/Indeterminate Button:

Select this button if you, the participant, interpret the characteristics of the EFM tracing as meeting the criteria established for Indeterminate/Category II EFM tracings. The characteristics are defined in the Glossary (see ___ icon).

3 Category III/Abnormal Button:

Select this button if you, the participant, interpret the characteristics of the EFM tracing as meeting the criteria established for Abnormal/Category III EFM tracings. The characteristics are defined in the Glossary (see ___ icon).

Unable to Interpret Button:

Select this button if you, the participant, need clearer information recorded by the EFM components, e.g., toco or IUPC are not recording uterine activity and/or FHR transducer or FSE are not recording the FHR. There is not adequate information being recorded for interpretation of the EFM tracing using the NICHD terminology/categories.

Recommend Delivery Button:

Select this button if you, the participant, have determined that delivery is needed now.

Help Button:

This button will provide explanation of the segment bars. Periodically, the EFM tracing will stop and a ___ colored bar will appear on the right hand side of the tracing. At that point, the participant is required to apply the NICHD/ACOG/SMFM EFM tracing characteristics to interpret the tracing segment. After completing that interpretation, the participant can click on the black segment marker to receive feedback about the tracing interpretation.