E-Tools for Critical Thinkers
The OBIX System’s E-Tools were developed in collaboration with Lisa A. Miller, CNM, JD, to support OB providers during the assessment of Fetal Heart Rate (FHR) and Uterine Activity (UA) in labor. These E-Tools were created as an adjunct to education and provide key information during the evaluation and decision making process.

The OBIX system’s FHR Tools assist clinicians with the ability to apply NICHD definitions with confidence and clarity during the assessment of FHR baseline, variability, accelerations, and decelerations.

**FHR TOOLS**

**BASELINE**
A horizontal, red line placed over the fetal heart rate to help determine the baseline. Once the baseline is determined, a tool tip appears in the upper left hand corner that displays the fetal heart rate in BPM (displayed in increments of 5).

**5 BPM VARIABLE**
A horizontal, magenta box 1 minute in length and 5 BPM in height that is hovered over the baseline.

**25 BPM VARIABLE**
A horizontal, magenta box 1 minute in length and 25 BPM in height that is hovered over the baseline.

**DECELERATION TOOL**
A vertical, magenta line assists clinicians in evaluating the onset, nadir and offset of decelerations as they relate to the onset, peak and offset of uterine contractions. A horizontal, magenta line 30 seconds in length that assists clinicians in the identification of the type of deceleration.
The UA Tool presents key information during the evaluation and management of uterine activity during labor. This tool will display contraction frequency and duration when utilizing TOCO, based on a 10, 15, 30, or 60 minute segment as defined by the user. Additionally, uterine contraction intensity, duration, resting tone, and MVUs are displayed when an IUPC is in place.

**Features**
- Allows clinicians to confirm tool evaluation results or make modifications based on their assessments.
  - Able to define segment start in the emphasized area.
  - Able to add, reposition, or remove contractions.
- Supports TOCO or IUPC monitoring modes.
- Can be used in active and archived traces.
- Uterine contraction assessment information is able to be added to the patient chart in a single click.

**Benefits**
- Accurate measurements for identifying uterine contraction frequency, intensity, and duration.
- Supports patient safety initiatives related to uterine activity management and assessment, and reduction of cesarean rate.
- Clarify confusion regarding proper documentation and evaluation of contractions, while strengthening the clinician's skills.
- Allows for more accurate and appropriate use of Pitocin.
BENEFITS OF E-TOOLS

- Fast, easy-to-use
- Accurate measurements
- Enhance assessment and decision making
- Allows evaluations and clinical collaboration
- Useful for orientation, competency assessment, and case review
- Supports standardization of terminology from the 2008 NICHD Workshop Report