Lisa A. Miller, CNM, JD



In 2006, I developed and produced Miller's ReadRight EFM Ruler, a tool that provides accurate measurements to be used when evaluating paper strips. Clinical Computer Systems, Inc. recognized the value of the measurement tools and approached me to collaborate on creating the same helpful measurement tools electronically, on computer displays of EFM tracings. Now the E-Tools are available on the OBIX Perinatal Data System so that when clinicians are looking at a display screen they can stop struggling with visual interpretation and get fast, accurate assistance with assessments of baseline rate, baseline variability, accelerations and decelerations. This patented technology is the answer to safe and precise clinical collaboration.

President of Perinatal Risk Management and Education Services, Ms. Miller is a certified nurse midwife and a non-practicing attorney. Committed to improving the quality of perinatal health care, she has been actively involved in obstetrics since 1979. Ms. Miller served as an Assistant Professor in Obstetrics and Gynecology at Northwestern University Medical School. She provides multidisciplinary education nationally and internationally in electronic fetal monitoring, patient safety, and risk management. In 2009, Ms. Miller co-authored the first multidisciplinary text book on electronic fetal monitoring with Susan Martin Tucker, MSN, RN and David A. Miller, MD: Fetal Monitoring: A Multidisciplinary Approach. This pocket guide is available at www.prmes.com.



BENEFITS OF E-TOOLS

- Fast, easy-to-use application
- Accurate measurements
- Allows evaluations and clinical collaboration
- Useful for orientation, competency assessment and case review



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E-Tools for EFM Assessment

THE OBIX SYSTEM'S E-TOOLS WERE DEVELOPED IN COLLABORATION WITH LISA A. MILLER, CNM, JD, TO ASSIST OB CARE PROVIDERS THE ABILITY TO GET FAST, ACCURATE ASSISTANCE IN THE ASSESSMENT OF FHR BASELINE, VARIABILITY, ACCELERATIONS AND DECELERATIONS. THE E-TOOLS WERE DESIGNED TO HELP CLINICIANS IMPROVE THEIR PRACTICES, EDUCATE THEIR STAFF AND TO PROMOTE PATIENT SAFETY IN ELECTRONIC FETAL MONITORING.



BASELINE TOOL 5 BPM VARIABLE 25 BPM VARIABLE TOOL TOOL TOOL 0:04 07:52 U/S FHR 10:04 -210-210-180--180--150--150my 120mm 12

This tool is a horizontal,

magenta box 1 minute in

that is hovered over the

baseline.

length and 25 BPM in height

This tool is a horizontal, red line that is 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 date, time and fetal heart rate in BPM. The BPM is displayed in increments of 5. This tool is a horizontal, magenta box 1 minute in length and 5 BPM in height that is hovered over the baseline. This tool is a horizontal, red line with an equilateral triangle that is 15 BPM in height and 15 seconds in length.

KLAS[°] CATEGORY LEADER LABOR & DELIVERY -OUR TENTH CONSECUTIVE RANKING

OBIX SYSTEM E-TOOLS

The OBIX System's recognition as a leader in Labor and Delivery in ten consecutive reporting periods - a combination of *Best in KLAS* and *Specialty Reports*.*

"The research findings were published in the January 2015 KLAS" report "2014 Best in KLAS Awards: Software & Services"; January 2014 KLAS report "2013 Best in KLAS Awards: Software & Services"; December 2012 KLAS report "Best in KLAS Awards: Software and Professional Services"; January 2014 KLAS report "2013 Best in KLAS Awards: Software & Services"; December 2012 KLAS report, "2010 Top 20 Best in KLAS Awards: Software & Services"; December 2010 KLAS report, "2010 Top 20 Best in KLAS Awards: Software & Services"; December 2010 KLAS report, "2010 Top 20 Best in KLAS Awards: Software & Professional Services"; December 2010 KLAS report, "2010 Top 20 Best in KLAS Awards: Software & Professional Services"; December 2010 KLAS report, "2010 Top 20 Best in KLAS Awards: Software & Professional Services"; December 2010 KLAS report, "2008 KLAS report, "2009 Top 20 Best in KLAS Awards: Software & Professional Services"; December 2010 KLAS report, "2008 KLAS rep



2	100	12
0	75	10
3		8
5	30	6

nom

Similar to the 15x15 Acceleration Tool, this tool is a horizontal, red line with an equilateral triangle that is 10 BPM in height and 10 seconds in length.





This tool is a horizontal, magenta line 30 seconds in length that assists clinicians in the identification of the type of deceleration. 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.

BIX perinatal data system BY CLINICAL COMPUTER SYSTEMS INC.