



Advancing Obstetrical Care for Women Across Alberta:




Sharla Gardiner
Unit Manager, Labour & Delivery
Lois Hole Hospital for Women



Kasia Luszczek
BSCN, Labour & Delivery
Lois Hole Hospital for Women

1



Sharla Gardiner
Unit Manager, Labour & Delivery
Lois Hole Hospital for Women

2


OBIX Perinatal Interface Software

OBIX

Perinatal Interface Software

- Sharla Gardiner, BSCN, Unit Manager Labour and Delivery LHHW
- Kasia Luszczek, BSCN

Presentation adapted from Tracee Pratt and Lorna Spitzke.



3

OBIX Perinatal Interface Software

Lois Hole Hospital



- High Risk Obstetrics Tertiary Center
- 7,230 babies delivered per year
- Complex medical maternity patients
- Preterm babies and fetal anomalies

4

OBIX Perinatal Interface Software

LHHW

- Antepartum Unit: 25 Beds
- Induction Assessment Room: 11 stretchers
- 4 East Labour and Delivery: 14 Labour and Delivery Rooms
- Obstetrical Operating Room: 2 O.R. Theatres

5

OBIX Perinatal Interface Software

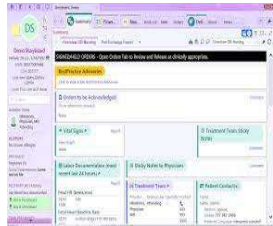
What is OBIX?



6

OBIX Perinatal Interface Software

Connect Care



- The heart of Connect Care is an electronic clinical information system, which will directly impact everyone who provides patient care within AHS
- LHHW launched Connect Care in 2019
- Connect Care provided opportunity for Fetal Central Monitoring System

7


7

OBIX Perinatal Interface Software

Prior to Launch 4 on May 28...

Connect Care Workflow

- Fetal Heart Rate (FHR) remains on paper
- Scanned and uploaded into Connect Care Media Manager by unit staff
- High potential for errors




8

8

OBIX Perinatal Interface Software

Risks associated without Perinatal Interface Software:

- Obstetrics is one of most litigious areas of healthcare
- FHR tracing documentation is a legal requirement
- Printed out and scanned tracing missing essential clinical data required for legal review
- No ability for a provider at one site to review paper-based fetal heart rate tracing from a separate location




9

9

OBIX Perinatal Interface Software

Implementation

- The OBIX vendor was selected to replace existing platforms with a single provincial software system, fully integrated into Connect Care
- OBIX Trainers came and supported the launch




10

10

OBIX Perinatal Interface Software

OBIX at the LHHW



11

11

OBIX Perinatal Interface Software

Benefits of OBIX




12

12

OBIX Perinatal Interface Software

Benefits of OBIX



PROMOTING PATIENT SAFETY

- E-Tools to assist with interpretation and decision-making.
- Reduce errors with paper tracings
- Accuracy with Multiple Gestations

13


13

OBIX Perinatal Interface Software

Benefits of OBIX

OPPORTUNITY FOR EDUCATION

- Supports Royal Alex mandate as teaching hospital
- Supports new staff learning



14


14

OBIX Perinatal Interface Software

Benefits of OBIX

IMPROVED CHARTING AND TIME WITH PATIENTS

- Previous Paper Charting
- Saves documentation time with auto computation of values and tight integration with EHRs
- Freed up nurses for more face-to-face time with patients.



15


15

OBIX Perinatal Interface Software

Benefits of OBIX

IMPROVED COMMUNICATION WITH CARE PROVIDERS

- Provides remote viewing of fetal strips from patients who are both on and off the fetal monitor via a variety of options including tablets, iPhones, and Android devices



16

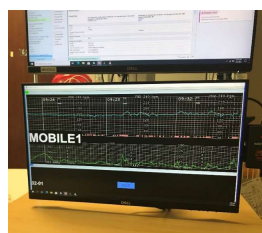
16

OBIX Launch

Benefits of OBIX

REMOTE ACCESS – IN HOSPITAL

- ICU
- CCU (Cardiac Care Unit)



17

17

OBIX Perinatal Interface Software

Benefits of OBIX

REMOTE ACCESS – ANTENATAL HOMECARE

- Antenatal Homecare (ANHC) reduces number of patients having to stay in hospital during pregnancy.
- OBIX in ANHC would allow for remote consults.
- First site in North America to integrate OBIX in ANHC.

18

18

OBIX Perinatal Interface Software

Benefits of OBIX



REMOTE SUPPORT- RURAL SITES

19

19

OBIX Perinatal Interface Software

- Improvement in Obstetrical patient care for healthcare communities in Alberta



20

20

OBIX Perinatal Interface Software

Strong FOUNDATIONS




Strong Futures

21

21

OBIX Perinatal Interface Software


Acknowledgements



Power Point Presentation Adapted from OBIX Perinatal Interface Software Presentation by Tracee Pratt and Lorna Spitzke 2022.

22

22



Kasia Luszczyk


BSCN, Labour & Delivery
Lois Hole Hospital for Women

23

23

OBIX Perinatal Interface Software

Kasia's Story



24

24

OBIX Perinatal Interface Software

Kasia's Story



WHY OBIX

For Patients

- Increases patient's time with their nurse
- Improved medical records lead to better care
- Outstanding visibility for wellbeing gives patients peace of mind

25