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BORN Ontario: Postpartum Mother & Postpartum Child – Training Guide

NOVEMBER 2011

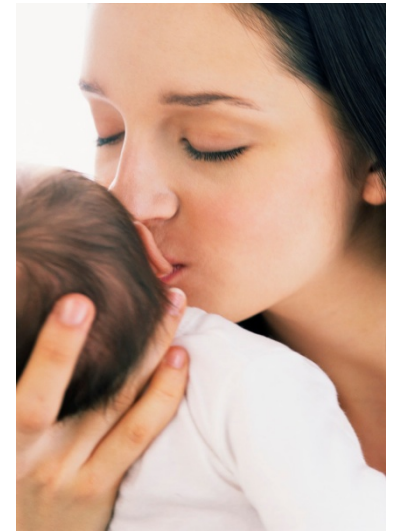
Training Objectives

- At the end of this session, you will be able to create a Postpartum Mother Encounter and a Postpartum Child Encounter and understand the tabs within these encounters
- Postpartum Mother Encounter
 - ✓ Summary Tab
- Postpartum Child Encounter
 - ✓ Newborn Status tab
 - ✓ Discharge Summary tab



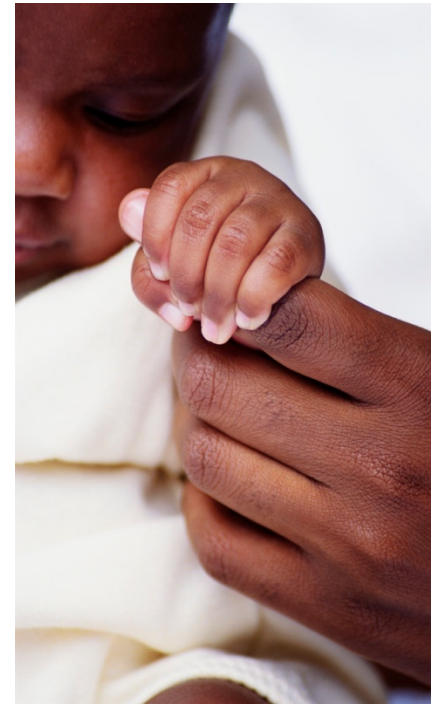
Postpartum Mother Encounter

- Refers to the postpartum course of care experienced by a mother through to discharge from hospital
- Only one Postpartum Mother Encounter per woman per pregnancy is entered
- The encounter can be initiated by:
 1. Performing a Patient Search to locate the mother's record **OR**
 2. Creating a Patient (if patient is not in system) **OR**
 3. Continuing data entry if you are already in mother's record (i.e. you've just entered the Birth Mother Encounter).



Postpartum Child Encounter

- A single Postpartum Child Encounter is entered within one organization.
- The easiest way to create a postpartum child encounter is from either the mother's or child's navigation tree
- A postpartum child encounter can also be created by the 'create a patient'



Postpartum Encounters - Getting Started

PATIENT SEARCH

Patient Search

- The Patient Search tool allows you to search the BORN system for a specific patient by entering:
 - an OHIP number ** OHIP should always be used when available **
 - OR
 - ID number
 - OR
 - a combination of the patient's last name, first name, and date of birth (DOB).

Quick Search from Landing Page

1. Enter the search information available to you
2. Click the Search icon



The screenshot shows a 'Patient Search' form with the following fields and options:

- OHIP #: or
- ID #: or
- Family Name:
- Given Name:
- Date of Birth: 
-
- [Advanced Search](#)

Getting Started: Patient Search

- Click the radio button to select the patient, and then click on the 'select' button below

Patient Search

Search Results:

If none of the results below satisfy your search, please select [Advanced Search](#) for a more detailed patient search, or [Create patient](#) to create a new patient profile.

Given Name	Family Name	OHIP #	ID #	DOB	City	Postal Code	Select
Jennifer	Dawn	1231231232	998800/SHSC-(Toronto)	26 Oct 1981	TORONTO	M4C 5J2	<input type="radio"/>

[Advanced Search](#)

[Create patient](#)

[Select](#)

[Cancel](#)

Getting Started: Patient Search

- Once the maternal patient is selected, you will be prompted to select a pregnancy to enter data for. The pregnancy is represented by its estimated date of birth (EDB).

Patient Search

Select Pregnancy

Please select the relevant pregnancy for which you are entering data, or create a new pregnancy for this patient.

EDB	Select
15-Nov-2011	<input type="radio"/>
New Pregnancy	<input type="radio"/>

Select **Cancel**

Advanced Search **Create patient**

Getting Started: Postpartum Mother

- You will be directed to the Patient Profile screen.
- Enter info on the Demographics & ID tab & click 'save'
- Go to the navigation tree and click the green plus sign beside the Postpartum Mother encounter

North York General Hospital / Tammy Budhwa

born Ontario

Patient Search • My Profile • Help

BORN UAT > Patient Search > Patient Profile

Amber Dean

Name: Amber Dean VA: 9439482394872 ID #: 688888 Postal Code: K0L 3C0 City: DYSART ET AL
DOB: 01-May-1975 Sex: F G: T: P: A: L: EDB: 24-Nov-2011

Demographics & ID Name & Address History

Please verify the patient's profile information before entering data against their record.

Patient Demographics

DOB: 01-May-1975 Sex: Female
Primary Language: Select Ancestry: Select Aboriginal: Select

Save

Patient IDs

The following are the identifiers used by this patient. Click Add New to create a new identifier.

ID Type	ID	Issued By
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Getting Started: Postpartum Mother

- After clicking the green plus sign to add an encounter, you will be prompted to link a Patient ID to the Encounter
- When creating an encounter, the system requires that you select either an existing patient ID to link to all new encounters, or specify a new patient ID

ID#	ID Type	Select
12345	Chart #	<input type="radio"/>
None of the Above		<input type="radio"/>

OK Cancel

1. Click the radio button next to an existing Patient ID to select it
2. Click the **OK** button to continue

Postpartum Encounters - Getting Started

POSTPARTUM MOTHER ENCOUNTER DATA ENTRY

Clinical Scenario

- Jennifer Dawn DOB Oct 28th,1987
- G1P0
- Delivered at Mt. Sinai Hospital on Aug 24th,2011
- Stayed on the postpartum unit for 48 hrs and was discharged home on Aug 26th at 1800 hrs
- No postpartum complications

Postpartum Mother - Summary tab

BORN QA Portal > Patient Search > Postpartum Mother

Name: **Jennifer Dawn** OHIP#: **1231231232** ID #: **998800** Postal Code: **M4C 5J2** City: **TORONTO**
DOB: **28-Oct-1987** Sex: **F** G: **1** T: **0** P: **0** A: **0** L: **0** EDB: **16-Nov-2011**

Postpartum

Summary

Postpartum Complication:

Postpartum Breastfeeding Support: After initial breastfeeding, mother was assisted with breastfeeding within 6 hours post birth
 Frequent skin to skin
 Hand expression of breastmilk

Healthy Baby Healthy Children (HBHC) Screen:

Maternal Outcome:

Comments:

Postpartum Mother - Summary Tab

Field Names
Postpartum Complication
Postpartum Breastfeeding Support
Healthy Baby Healthy Children (HBHC) tab
Healthy Baby Healthy Children (HBHC) Reason not completed
Maternal Outcome
Maternal Transfer to
Reason for Maternal Transfer
Maternal Disposition Date
Maternal Disposition Time
Comments

* Maternal Outcome Pick-list

- Discharged Home
- Maternal Death - Not related to Pregnancy or Birth
- Maternal Death - Related to Pregnancy or Birth
- Transfer to ICU/CCU
- Transfer to other hospital

- *Maternal Transfer To*: Only Visible if *Maternal Outcome* = "Transfer to other hospital"
- *Reason for Maternal Transfer To*: Visible if *Maternal Outcome* = "Transfer to ICU/CCU" or "Transfer to other hospital"
- *Maternal Disposition Date*: Label is dependent on response to Maternal Outcome:
 - If Maternal Outcome = "Discharged Home" it becomes *Maternal Discharge Date*
 - If Maternal Outcome = "Maternal Death" it becomes *Maternal Death Date*
 - If Maternal Outcome = "Transfer to ICU/CCU" or "Transfer to other hospital" it becomes *Maternal Transfer Date*

Demo – Enter Data in Summary Tab

- 1. Click the “+” next to Postpartum Mother to create a new Postpartum Mother encounter record
- 2. Enter information in Summary screen

Field Name	Notes
Postpartum Complication	Select “None”
Postpartum Breastfeeding Support	Select “Hand expression of breastmilk demonstrated/taught”
Healthy Baby Health Children (HBHC) Screen:	Select “Completed”
Maternal Outcome	Select “Discharged Home”
Maternal Discharge Date, Maternal Discharge Time	Enter “26-Aug-2011”, “18:00”
Comments	Leave it blank

- 3. Click on “Submit”

Postpartum Encounters - Getting Started

POSTPARTUM CHILD ENCOUNTER DATA ENTRY

Clinical Scenario

- Baby Dawn, born at 39 weeks + 2 days at Mt. Sinai Hospital on Aug 24th, 2011. He stayed in the postpartum unit for 48 hours and was discharged home with his mother on Aug 26th at 1800 hrs.
- There was no phototherapy done. Arterial and venous cord blood tests were completed. Newborn screen sample was obtained on Aug 26th at 0900 hrs. Newborn hearing screen was normal.
- There were no complications.

Postpartum Child - Newborn Status tab

Jennifer Dawn

Baby Dawn

- Birth & Postpartum
 - Birth Child
 - 24 Aug 2011
 - Postpartum Child
 - 24 Aug 2011
- Newborn Screening
 - Newborn Screening Ontario (NSO)
 - NSO DERF
 - NSO SDRF
- NICU/SCN
 - NICU/SCN
- NICU Follow up
 - NICU Follow up

Name: **Baby Dawn** BirthOrder: **A** GA at Birth: **37 weeks 2 days** OHIP#: **1233211232** ID #: **12345**
DOB: **24-Aug-2011** Sex: **M** Postal Code: **M4C 5J2** City: **TORONTO** Province: **Ontario**

Postpartum

Newborn Status Discharge Summary

Baby's Sex:	<input type="text" value="Male"/>	Phototherapy:	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown
Head Circumference at Birth:	<input type="text" value="37.0"/> cm	Infant Early attachment/feeding initiation:	<input type="checkbox"/> No Attempt <input type="checkbox"/> Skin to Skin immediately after birth <input type="checkbox"/> Skin to Skin within first hour <input type="checkbox"/> Opportunity to latch in first hour
Arterial cord blood test status:	<input type="text" value="Done"/>	Arterial cord blood base excess/deficit:	<input type="text"/>
Arterial Cord Blood pH:	<input type="text" value="7.10"/>	Venous cord blood base excess/deficit:	<input type="text"/>
Venous cord blood test status:	<input type="text" value="Done"/>	Newborn Congenital Anomalies Identified:	<input type="text" value="None"/>
Venous cord blood pH:	<input type="text" value="7.20"/>		
Newborn Conditions & Complications:	<input type="checkbox"/> Brachial plexus injury <input type="checkbox"/> Caput succedaneum <input type="checkbox"/> Cephalohematoma <input type="checkbox"/> Clavicular fracture		

[Proceed](#) [Submit](#) [Cancel](#)

[View Newborn Profile on Discharge Report](#)

Postpartum Child - Newborn Status tab

Field Names
Baby's Sex
Phototherapy
Head Circumference at Birth
Infant Early attachment/ feeding initiation
Arterial cord blood test status
Arterial Cord Blood pH
Arterial cord blood base excess / deficit
Venous cord blood test status
Venous cord blood pH
Venous cord blood base excess / deficit
Newborn Conditions and Complications
Newborn Congenital Anomalies Identified
Newborn Congenital Anomalies Suspected‡
Newborn Congenital Anomalies Confirmed‡



- * Infant Early Attachment/Feeding Initiation Pick-list**
- No Attempt
 - Skin to Skin immediately after birth
 - Skin to Skin within first hour
 - Opportunity to latch in first hour
 - Opportunity to latch in 2 hours
 - Latch achieved
 - Transfer to NICU/SCN
 - Unknown

- *Arterial Cord Blood pH*: visible if *Arterial cord blood test status* = "done"
- If *Newborn Congenital Anomalies Identified* = "none", the other 2 fields‡ related to congenital anomalies are not visible

Demo – Enter Data in Newborn Status

1. Select the child record from the Mother’s navigation tree
2. Click the “+” next to Postpartum Child to create a new Postpartum Child encounter record
3. Verify some fields are prepopulated. Enter information in Newborn Status screen

Field Name	Notes
Baby’s Sex	Pre-populated
Phototherapy	Select “No”
Head Circumference at Birth	Enter 37
Infant early attachment/feeding initiation	Select “Opportunity to launch in 2 hours”
Arterial cord blood test status, Arterial cord blood PH and base excess/deficit	Select “Done”, enter “7.1” “6.1”
Venous cord blood test status, Venous cord blood PH and base excess/deficit	Select “Done”, enter “7.2” “5.2”
Newborn Conditions & Complications	Select “None”
Newborn Congenital Anomalies Identified	Select “None”

4. Click on “Proceed”

Postpartum Child - Discharge Summary tab

Jennifer Dawn

Baby Dawn

Birth & Postpartum

Birth Child

24 Aug 2011

Postpartum Child

24 Aug 2011

Newborn Screening

Newborn Screening Ontario (NSO)

NSO DERF

NSO SDRF

NICU/SCN

NICU/SCN

NICU Follow up

NICU Follow up

Name: **Baby Dawn** BirthOrder: **A** GA at Birth: **37 weeks 2 days** OHIP#: **1233211232** ID #: **12345**
DOB: **24-Aug-2011** Sex: **M** Postal Code: **M4C 5J2** City: **TORONTO** Province: **Ontario**

Postpartum

Newborn Status **Discharge Summary**

Screenings & Tests

Newborn Screening: **Obtained**

Date of Newborn Screen Collection: **26-Aug-2011**

Time of Newborn Screen Collection: **09:00**

Newborn Hearing Screen Result: **Pass**

Infant Feeding

Breastmilk Substitution:

Newborn Feeding at Discharge: **Breastmilk Only**

SELECT

Neonatal Discharged or Transfer To: **Home**

Neonatal Discharge Date: **26-Aug-2011**

Neonatal Discharge Time: **18:00**

Discharge Weight: **2,980** gms

Percent weight loss/gain: **-2.29**

Neonatal Death: **Select**

Comments:

Proceed **Submit** **Cancel**

[View Newborn Profile on Discharge Report](#)

Postpartum Child - Discharge Summary tab

Field Names
Newborn Screening
Date of Newborn Screening Collection
Time of Newborn Screening Collection
Newborn Hearing Screening Result
Breastmilk Substitution
Newborn Feeding at Discharge
Newborn Discharged or Transferred to
Neonatal Transfer Hospital To*
Reason for Neonatal Transfer*
Neonatal Transfer Date*
Neonatal Transfer Time*
Neonatal Discharge Date
Neonatal Discharge Time

- *Newborn Screening: If response = 'obtained', date & time of NB Screening is visible*

<u>Newborn Discharged or Transferred to Pick-list</u>
<ul style="list-style-type: none"> • CAS Apprehension • Home • Transfer to NICU/SCN other Hospital • Transfer to NICU/SCN same Hospital • Transfer to Paediatric unit

- Newborn Discharged or Transferred to: If response = "Transfer" (NICU/SCN or Paediatric unit), a number of transfer related fields* will display. If response = "Home" or "CAS", neonatal D/C date and time will display

Postpartum Child - Discharge Summary tab

Field Names
Neonatal Death
Age at Neonatal Death*
Neonatal Death Date*
Neonatal Death Time*
Discharge Weight
Percent weight loss/gain (calculated)
Comments

- Neonatal Death: Depending on the response, a number of fields* are displayed or hidden
- *Discharge Weight*: If discharge weight is > Birth Weight, a warning message appears: “Discharge weight is usually < Birth Weight when discharged between 24 and 72 hours. Please confirm the weights”



Demo – Enter Data in Discharge Summary

1. Enter information in Discharge Summary screen

Field Name	Notes
Newborn Screening	Select “Obtained”
Date of Newborn Screen Collection, Time of Newborn Screening Collection	Enter “26-Aug-2011”, and “09:00”
Newborn Hearing Screen Result	Select “Pass”
Breastmilk Substitution	Select “Hypoglycaemia”
Newborn Feeding at Discharge	Select “Breastmilk only”
Neonatal Discharge or Transfer To	Select “Home”
Neonatal Discharge date, Neonatal Discharge Time	Enter “26-Aug-2011”, and “18:00”
Discharge Weight	Enter 2980
Percent weight loss/gain	Auto calculated

2. Click on “Submit”

Newborn Profile on Discharge Report

Jennifer Dawn

Baby Dawn

- Birth & Postpartum
 - Birth Child
 - 24 Aug 2011
 - Postpartum Child
 - 24 Aug 2011
- Newborn Screening
 - Newborn Screening Ontario (NSO)
 - NSO DERF
 - NSO SDRF
- NICU/SCN
 - NICU/SCN
- NICU Follow up
 - NICU Follow up

Name: **Baby Dawn** BirthOrder: **A** GA at Birth: **37 weeks 2 days** OHIP#: **1233211232** ID #: **12345**
DOB: **24-Aug-2011** Sex: **M** Postal Code: **M4C 5J2** City: **TORONTO** Province: **Ontario**

Postpartum

Newborn Status | **Discharge Summary**

Screenings & Tests

Newborn Screening: **Obtained**

Date of Newborn Screen Collection: **26-Aug-2011** Time of Newborn Screen Collection: **09:00**

Newborn Hearing Screen Result: **Pass**

Infant Feeding

Breastmilk Substitution: Newborn Feeding at Discharge: **Breastmilk Only**

Neonatal Discharged or Transfer To: **Home**

Neonatal Discharge Date: **26-Aug-2011** Neonatal Discharge Time: **18:00**

Discharge Weight: **2,980** gms Percent weight loss/gain: **-2.29**

Neonatal Death: **Select**

Comments:

[View Newborn Profile on Discharge Report](#)

Newborn Profile on Discharge Report

- Printable report to be given to the parent at discharge
- Useful for the baby's continued care, e.g. at the baby's registration with their GP

The screenshot shows a web browser window displaying the 'Newborn Profile on Discharge' report for a patient named Dawn, Baby Boy. The report is organized into sections: Birth Information, Pregnancy Risks Factors, Newborn Information, and Other Information. The 'Birth Information' section contains the following data:

Date of Birth:	24-Aug-2011
Time of Birth:	6:00 PM
Baby's Sex:	Male
Age of Baby at Discharge from Hospital:	48 hrs
Birth Weight:	3,050 g
Gestational Age at Birth:	37 wks 2 days
Type of Birth:	Assisted Vaginal
Forceps/Vacuum:	Vacuum
Apgar 1:	7
Apgar 5:	9
Apgar 10:	
Arterial cord blood pH:	7.10
Arterial cord blood base excess/deficit:	
Newborn Resuscitation:	None
Newborn Congenital Anomalies Suspected:	
Newborn Congenital Anomalies Confirmed:	

The 'Pregnancy Risks Factors' section shows the Number of Fetuses: 1. At the bottom of the browser window, there are buttons for 'Proceed', 'Submit', and 'Cancel', and a link to 'View Newborn Profile on Discharge Report'.

Success

- You have now successfully submitted a Postpartum Mother and Postpartum Child Encounter
- You can now also launch the Newborn Profile on Discharge Report from the Postpartum Child Encounter

Questions?



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