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CARTR Plus:

BORN Information System Enhancements

Release Date: June 3rd, 2013

Presentation Date: June 3rd, 2013

Release Overview

The BORN Information System was updated on the evening of June 3rd, 2013. Changes were done in the following areas:

- User interface changes
 - Landing page
 - Menu options: Data Quality, Acknowledgement, Batch Upload
 - Data submission acknowledgement
- #of US Fetal Sacs
- Incomplete Treatment Cycle Record report
- Move and Delete Cycles

BORN Information System Enhancements

USER INTERFACE: LANDING PAGE

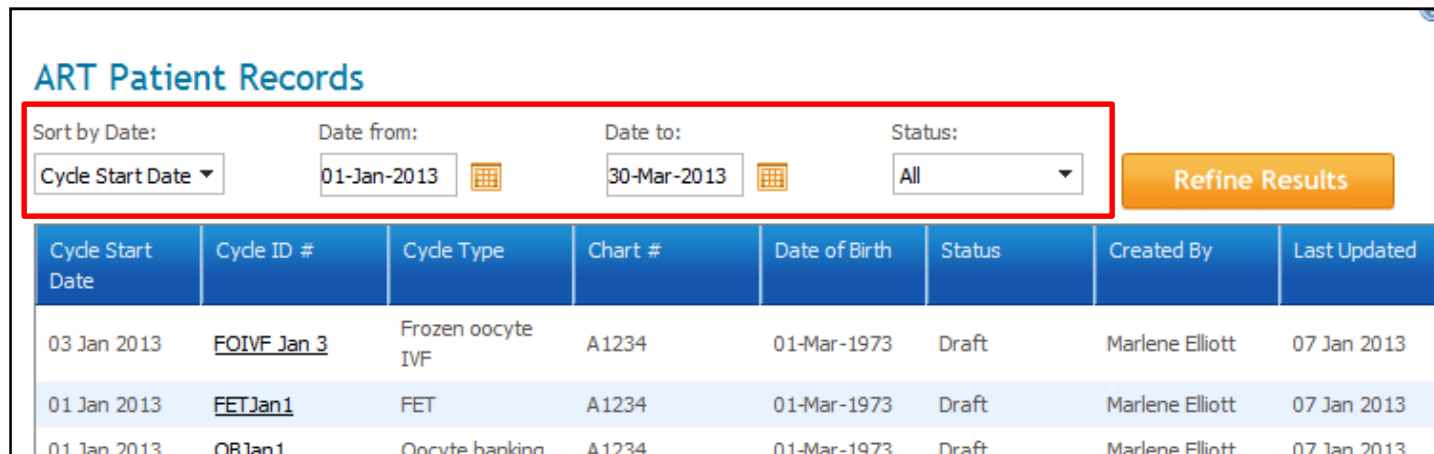
Landing Page – Organization

- The user's organization is now displayed on the landing page

The screenshot shows the BORN UAT Portal interface. At the top left is the BORN Ontario logo. At the top right, the user's organization is identified as "Pacific Centre for Reproductive Medicine / Marlene A Elliott". A navigation menu includes links for Patient Search, Batch Upload, Data Quality Reports, Reporting, Acknowledgement, Administration, My Profile, Help, and Sign Out. The main content area features a "Patient Search" form with fields for Chart # or Cycle ID #, Date of Birth, and a Search button. Below the search form is a "Quick Links" section with a link to Patient Search. The central part of the page displays a welcome message: "Welcome Marlene A Elliott - Pacific Centre for Reproductive Medicine", which is highlighted with a red rectangular box. Below this is an "Announcements" section with a table header for Title and Date Posted, and a message stating "No records to display." At the bottom of the announcements section, there are navigation controls (back, forward, page 1) and a "Page size: 10" dropdown menu. The footer of the page shows "0 items in 1 pages" and a small blue icon.

Landing Page – Patient Records

- The filter for ART Patient Records is now saved for the duration of the user's login session
- If you follow the link to a particular cycle and then return to the landing page, the most recent filter settings will still be in place



The screenshot shows the 'ART Patient Records' interface. A red box highlights the filter controls: 'Sort by Date' (set to 'Cycle Start Date'), 'Date from' (01-Jan-2013), 'Date to' (30-Mar-2013), and 'Status' (All). A 'Refine Results' button is also visible. Below the filters is a table with the following data:

Cycle Start Date	Cycle ID #	Cycle Type	Chart #	Date of Birth	Status	Created By	Last Updated
03 Jan 2013	FOIVF Jan 3	Frozen oocyte IVF	A1234	01-Mar-1973	Draft	Marlene Elliott	07 Jan 2013
01 Jan 2013	FETJan1	FET	A1234	01-Mar-1973	Draft	Marlene Elliott	07 Jan 2013
01 Jan 2013	OBJan1	Oocyte banking	A1234	01-Mar-1973	Draft	Marlene Elliott	07 Jan 2013

BORN Information System Enhancements

USER INTERFACE: MENU CHANGES

Menu Changes - Overview

To better support the operational processes, the following changes were made:

- New menu options added for Data Quality Reports and Acknowledgement
- Batch Upload and all related functionality (e.g., error correction) moved under single menu
- Order of menu items changed

Data Quality Reports Menu

- New menu option added for Data Quality Reports on top menu as well as on Quick Links menu on the left navigation bar
- Menu contains links to data quality reports related to organization (e.g., hospital, midwife, fertility clinic)

The screenshot displays the BORN Ontario web application interface. At the top left is the BORN Ontario logo. The top navigation bar includes links for Patient Search, Batch Upload, Data Quality Reports (highlighted with a red box), and Reporting. A dropdown menu for Data Quality Reports is open, showing options: Cycle Reconciliation, Incomplete Treatment Cycle Record, and ART Potential Duplicate Cycles. Below the navigation bar, the breadcrumb trail reads "BORN UAT Portal > Data Quality Reports". On the left, a "Quick Links" sidebar lists Patient Search, Batch Upload, Data Quality Reports (highlighted with a red box), Cycle Reconciliation, Incomplete Treatment Cycle Record, ART Potential Duplicate Cycles, and Reporting. The main content area is titled "Data Quality". An orange callout box at the bottom right states: "These reports continue to be available under Reporting – Administrative reports".

Acknowledgement Menu

- Data Submission Acknowledgement functionality moved from Administration menu to new Acknowledgement menu
- New user role created for 'Organization Data Acknowledgement'
 - The ability to do data submission acknowledgement can now be assigned to a user independently of the local administration role

Pacific Centre for Reproductive Medicine / Marlene A Elliott

born Ontario

Patient Search • Batch Upload • Data Quality Reports • Reporting • **Acknowledgement** •

Administration • My Profile • Help • Sign Out •

BORN UAT Portal > Acknowledgement

Quick Links

- Patient Search
- Batch Upload
- Data Quality Reports
- Reporting
- **Acknowledgement**
- Administration
- My Profile
- Help
- Select Organization
- Sign Out

Data Submission Acknowledgement

Organization: Pacific Centre for Reproductive Medicine

Data Submission Type: Treatment Cycle Year: 2013 Quarter: Jan-Mar

Show all unacknowledged records

Year	Month	Data Submission	Data	Comments	Date/Ti Submitt
2013	January	ART Treatment Cycle	<input type="checkbox"/>	<input type="text"/>	
2013	February	ART Treatment Cycle	<input type="checkbox"/>	<input type="text"/>	Cycles
2013	March	ART Treatment Cycle	<input type="checkbox"/>	<input type="text"/>	Cycles

Acknowledge Selected Month(s) Cancel

Any users with the local administration role will continue to have access to the acknowledgement functionality

Menu Order

- The order of menu options on the top menu and the Quick Links bar has been updated

The screenshot displays the BORN UAT Portal interface. At the top left is the BORN Ontario logo. At the top right, it says "Pacific Centre for Reproductive Medicine / Marlene A Elliott". A red box highlights the top navigation menu with the following items: Patient Search, Batch Upload, Data Quality Reports, Reporting, Acknowledgement, Administration, My Profile, Help, and Sign Out. Below this is a breadcrumb trail: "BORN UAT Portal > Patient Search". On the left side, there is a "Quick Links" sidebar with a red box around it, listing: Patient Search, Batch Upload, Data Quality Reports, Reporting, Acknowledgement, Administration, My Profile, Help, Select Organization, and Sign Out. The main content area is titled "Patient Search" and contains the following text: "Please specify one or both of the following search criteria: - Chart # or Cycle ID # and/or - DOB". Below this text are two input fields: "Chart # or Cycle ID #:" followed by a text box, and "DOB:" followed by a date picker box labeled "dd-MMM-yyyy". At the bottom right of the main content area are "Search" and "Cancel" buttons.

BORN Information System Enhancements

DATA ACKNOWLEDGEMENT

Data Acknowledgement

- Support for acknowledging multiple months
 - If a user selects multiple months to acknowledge and acknowledgement is successful for some months but not others:
 - Green success messages will appear for the acknowledged months and acknowledgement completed for those specific months
 - Red error messages for the failed months will appear as per existing functionality and acknowledgement will not be completed for those specific months

Data Submission Acknowledgement

Organization: **Pacific Centre for Reproductive Medicine**

Data Submission Type: **Treatment Cycle** Year: **2013**

Show all unacknowledged records

✓ Month End Acknowledgement Updated

- You have Successfully acknowledged Labour, Birth and Postpartum for February-2013.

! The following errors occurred while processing your request

- Labour, Birth and Postpartum cannot be submitted for the month of January-2013 because there are records with draft status.

Year	Month	Data Submission Type	Data Submission	Comments
2013	January	ART Treatment Cycle	<input checked="" type="checkbox"/>	<input type="text"/> Cycles
2013	February	ART Treatment Cycle	<input checked="" type="checkbox"/>	<input type="text"/> Cycles
2013	March	ART Treatment Cycle	<input type="checkbox"/>	<input type="text"/> Cycles

BORN Information System Enhancements

DATA ELEMENT CHANGES

of US Fetal Sacs

- # of US Fetal Sacs
 - Change to validation logic with respect to Biochemical Pregnancies
 - Updated logic:
 - Must have a value if Type of Pregnancy = Clinical Intrauterine
 - Must have a value if Type of Pregnancy = Heterotopic
 - Must have a value if Type of Pregnancy = Molar Pregnancy
 - Must have a value if Type of Pregnancy = Ectopic
 - **N/A if Type of Pregnancy = Biochemical**, Not Pregnant or Unknown

BORN Information System Enhancements

CARTR PLUS DATA QUALITY REPORTS

Incomplete Treatment Cycle Record Report

- The Incomplete Treatment Cycle Record report was updated to include summary counts and details of patients in Match Queue
 - The match queue only relates to Ontario records being entered via the batch upload functionality
 - Patients are put in match queue if the incoming patient record has sufficient demographics information in common with an existing BORN patient to be a potential match. For example, a patient has the same OHIP # and first name as an existing patient in BORN but the new record has a different address and last name
 - Manual intervention to resolve the match will be performed by a BORN agent to determine if this a new patient or a match to an existing patient

Incomplete Treatment Cycle Record Report (cont.)

- On the summary tab, counts of the patients in the match queue are now displayed (Ontario upload clinics only)

Incomplete ART Treatment Cycle Report				
ART cycle summary				
ON IDEAS clinic, cycle starts from 01-Jan-2011 to 04-Jun-2013				
Cycle start date	# of total cycles started	# of cycles with error(s)	# of cycles with positive beta-hCG missing type of pregnancy	# of patients in match queue
2013	2	1	0	1
<i>Data source</i> BORN Ontario, 2011-2013				

- A new tab has been added providing details on the patients in the match queue

Incomplete ART Treatment Cycle Report							
Match queue details							
Organization	Batch File Name	Line # in file	Patient type	Patient ID #	Patient given name	Patient family name	
ON IDEAS clinic	BORN_FTCIDEASON_CARTRPLUS_T_20130521_003_me1.csv	1	Mother	PID2000	Charlotte	TEST	
<i>Data source</i> BORN Ontario							

BORN Information System Enhancements

MOVE AND DELETE CYCLES

Move and Delete Cycles

- Users with the Local Administration role will now be able to move cycles between patients as well as delete cycles and patients
- Users will only be able to move and delete cycles belonging to their organization

Move Cycle

- The Move Cycle function allows a user to move cycles from one patient to another in case a cycle has been inadvertently assigned to the wrong patient
- Found under Administration – Move Cycle

1. Enter Cycle ID, Chart number, or Health Card Number for originating patient and select 'Search'
2. Enter Cycle ID, Chart number, or Health Card Number for destination patient and select 'Search'
3. Select cycle from originating patient to be moved to destination patient
4. Select 'Move Cycle(s)' to move cycle

Quick Links

- Patient Search
- Batch Upload
- Data Quality Reports
- Reporting
- Acknowledgement
- Administration
- User Management
- Registration Request
- Move Cycle
- Delete Cycle/Patient
- My Profile
- Help
- Select Organization
- Sign Out


Move Cycle

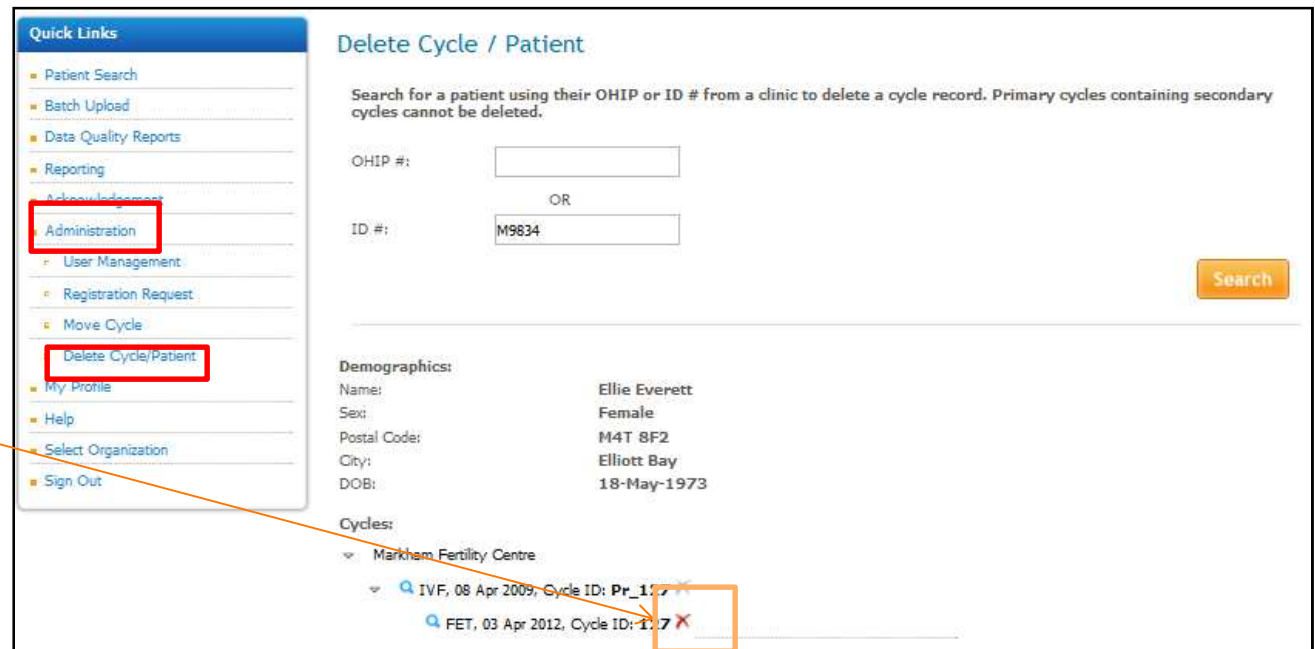
To move a cycle, an originating patient and destination patient record must be set. Select the cycle(s) from the originating patient to be moved to the destination patient. When moving a primary cycle, all associated secondary cycle(s) will be moved to the destination patient as well.

Originating Patient	Destination Patient
ID #: <input type="text" value="A1234"/> <input type="button" value="Search"/>	ID #: <input type="text" value="CHT746"/> <input type="button" value="Search"/>
Demographics: Name: Unknown Sex: Postal Code: City: DOB: 01-Mar-1973	Demographics: Name: Unknown Sex: Postal Code: City: DOB: 01-Feb-1970
Cycles: ▼ Pacific Centre for Reproductive Medicine <input checked="" type="checkbox"/> IVM, (7 Jan 2012, Cycle ID: AJANI	Cycles: ▼ Pacific Centre for Reproductive Medicine <input checked="" type="checkbox"/> Oocyte banking, 01 Jan 2005, Cycle ID: OB111
<input type="button" value="Move Cycle(s)"/>	

Delete Cycle

- The Delete Cycle function allows a user to delete cycles that were created in error
- If a patient has a primary cycle linked to a secondary cycle, the secondary cycle must be deleted first
- Users do not have the ability to delete patients. This function can only be done by a BORN administrator
- Found under Administration – Delete Cycle / Patient

1. Enter Cycle ID, Chart number, or Health Card Number for originating patient and select 'Search'
2. Select  to delete cycle. If secondary cycle exists, delete button not enabled for primary cycle. Once secondary cycle deleted, delete button will be enabled for primary cycle



Quick Links

- Patient Search
- Batch Upload
- Data Quality Reports
- Reporting
- Acknowledgement
- Administration
- User Management
- Registration Request
- Move Cycle
- My Profile
- Help
- Select Organization
- Sign Out

Delete Cycle / Patient

Search for a patient using their OHIP or ID # from a clinic to delete a cycle record. Primary cycles containing secondary cycles cannot be deleted.

OHIP #:


OR

ID #:

Demographics:

Name:	Ellie Everett
Sex:	Female
Postal Code:	M4T 8F2
City:	Elliott Bay
DOB:	18-May-1973

Cycles:

- ▼ Markham Fertility Centre
 - ▼ IVF, 08 Apr 2009, Cycle ID: Pr_117
 - ▼ FET, 03 Apr 2012, Cycle ID: 117 

Questions?



Please contact Moya Johnson
(mojohnson@bornontario.ca)
or Marlene Elliott
(melliott@bornontario.ca)
if you have any questions

www.BORNOntario.ca
info@BORNOntario.caM