



Early health. Lifelong health.  
Début en santé. Longue vie en santé.

# BORN Build Briefing - Midwifery

January 26<sup>th</sup>, 2012

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# Agenda

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1. What is BORN & BORN Information System (BIS)?
1. BORN IS Deployment Update
2. Clinical data entry for Midwifery
3. Midwifery Invoicing System (MIS)
4. Transition to new BORN Information System
5. Questions

# BORN Ontario Background

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Ontario is increasing its capacity to deliver and plan maternal-child care through the Better Outcomes Registry & Network (BORN Ontario). With a vision of providing the knowledge needed for *the best possible beginnings for lifelong health*, the mission of BORN is to:

- **Facilitate and improve care** to mothers, children and youth by linking information and providers to address care gaps spanning the spectrum from normal to high acuity and rare conditions.
- **Be an authoritative source** of accurate, trusted and timely information to monitor, evaluate and plan for the best possible beginnings for life-long health.
- **Provide scientific and technical leadership** for Ontario's maternal, child and youth health system through the support of research and innovation.
- **Mobilize information and expertise** to optimize care and contribute to a high-performing healthcare system, improving the lives of individual mothers and children.

# BORN is a PHIPA Registry

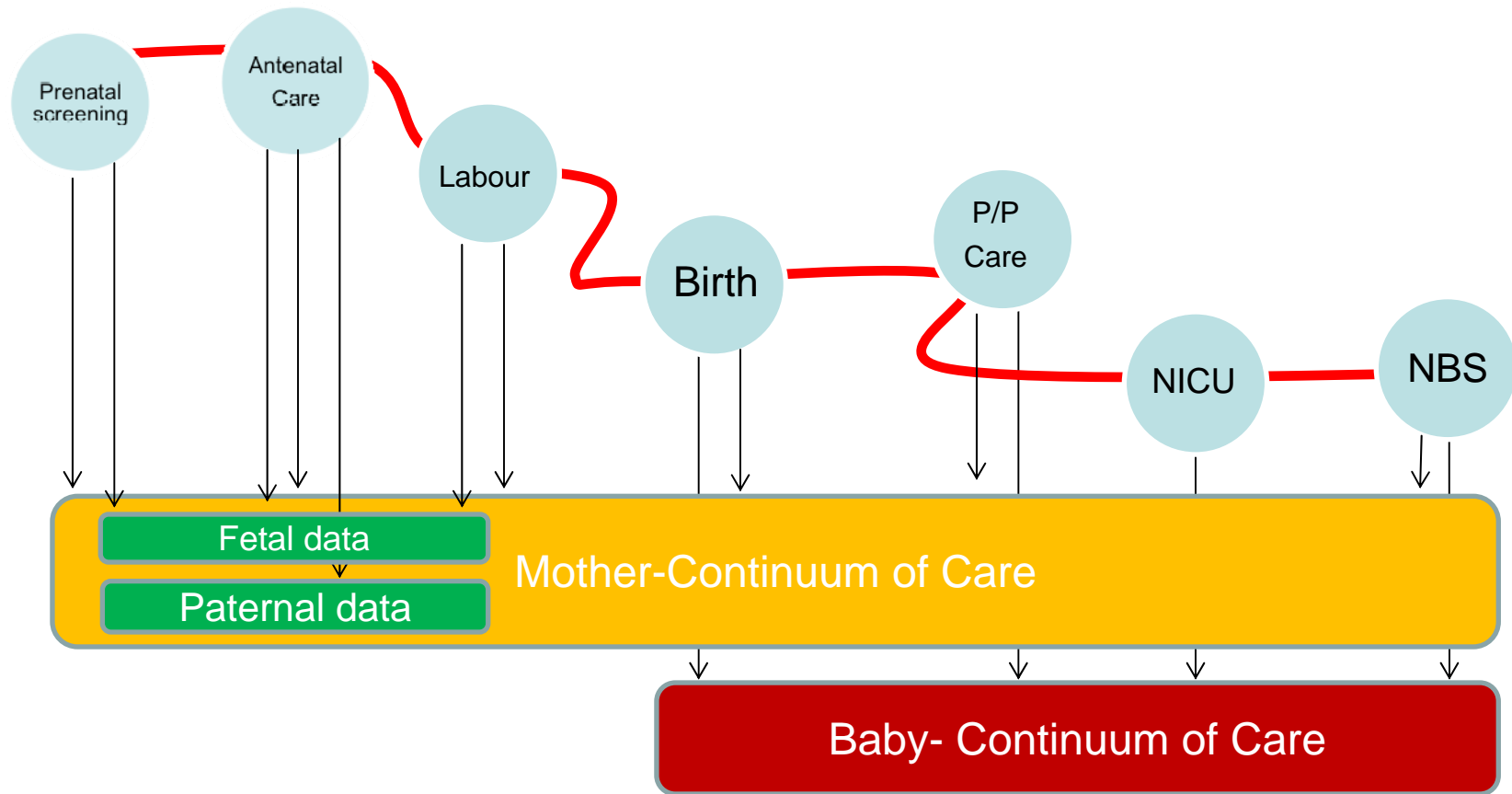
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- BORN was granted registry Status under the *Personal Health Information Privacy Act* (PHIPA) in Nov 2009
- Registry status affords BORN authority to collect, use and disclose personal health information **without consent** “for the purpose of “facilitating or improving the provision of health care”.



This special authority requires BORN to develop and adhere to rigorous privacy policies – and have them reviewed and *approved* by the Ontario Information and Privacy Commissioner

# BORN Continuum



# Data dictionary

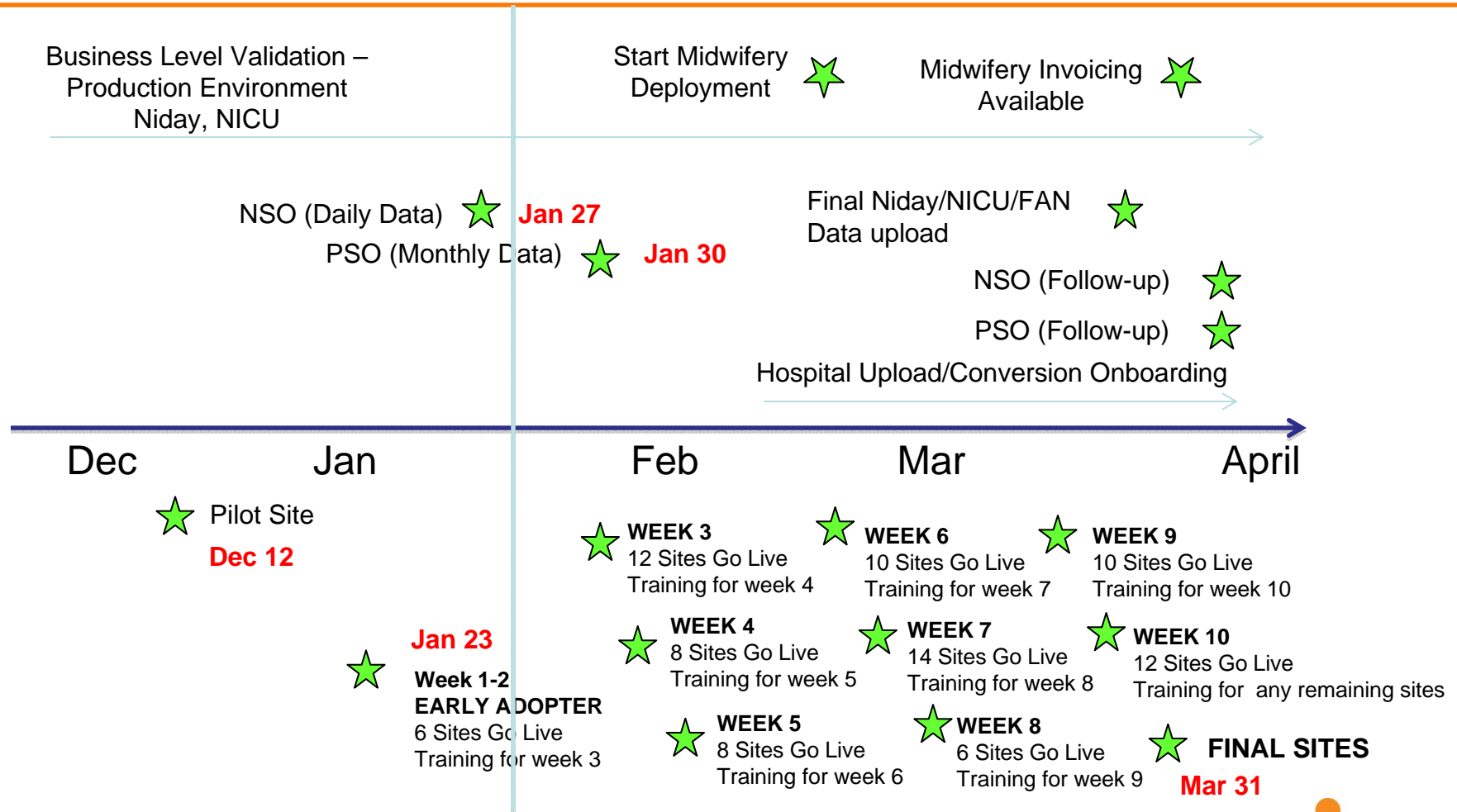
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The Data Dictionary was formulated in 2010/11 as a collaborative project between BORN and:

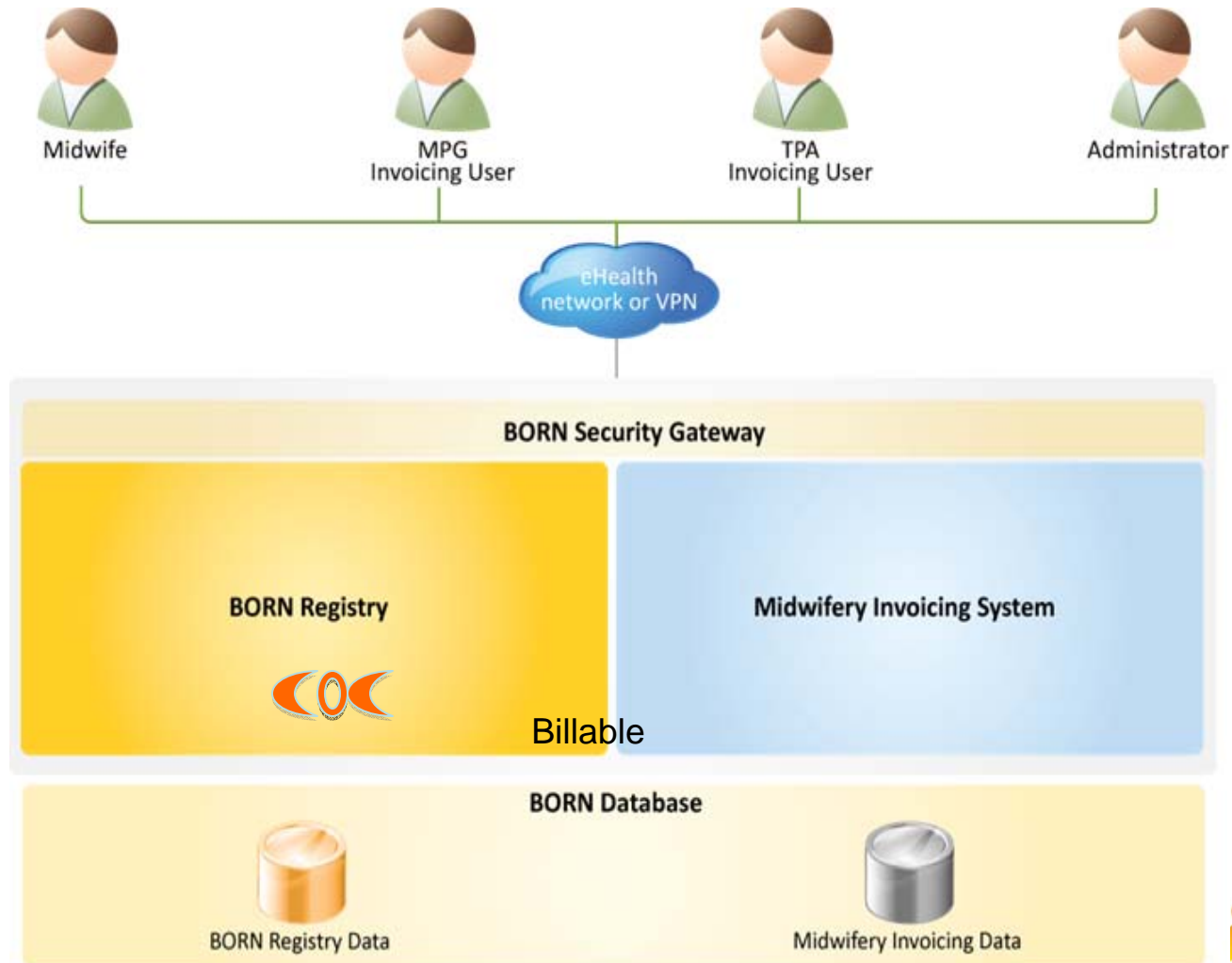
- Founding members and their Subject Matter Experts
- Provincial experts panels representing:
  - perinatal, obstetrical and neonatal clinical specialists, maternal and child screening experts, Ontario midwives, Public Health experts and hospital stakeholders, including administrators, health records, IM/IT and decision support
- Collaborators were engaged to inform and validate throughout the development process
- Consulted current international, national, provincial and national standards for guidance

- <http://www.bornontario.ca/data-dictionary>

# Deployment Timeline



# BORN Information System Overview



# BORN Information System Overview

The screenshot displays the BORN UAT Portal interface. At the top left is the BORN Ontario logo. The top right corner shows the user's name, "Access Midwives / Vivian Yee". A navigation menu includes "Reporting", "Administration", "My Profile", "Midwifery Invoicing System" (highlighted with a red box), "Help", and "Sign Out". Below the navigation menu is a dark blue bar with the text "BORN UAT Portal". On the left side, there is a "Quick Links" sidebar with a blue header and a list of links: "Reporting", "Administration", "My Profile", "Select Organization", "Midwifery Invoicing System" (highlighted with a red box), "Help", and "Sign Out". The main content area features a "Welcome Vivian Yee" message, an "Announcements" section, and a table with the text "No records to display." Below the table is a pagination control with navigation arrows, a page number "1", a "Page size: 10" dropdown, and the text "0 items in 1 pages".

## TPA Administrator Landing Page

# BORN Information System Overview

Access Midwives / Vivian Yee

**born** Ontario

Patient Search • Reporting • Administration • My Profile • **Midwifery Invoicing System** • Help • Sign Out

BORN QA Portal

**Patient Search**

OHIP #:  or  
ID #:  or  
Family Name  
  
Given Name  
  
Date of Birth  
dd-MMM-yyyy

**Search**

Advanced Search

**Quick Links**

- Patient Search
- Reporting
- Administration
- My Profile
- Select Organization
- **Midwifery Invoicing System**
- Help
- Sign Out

**Welcome Vivian Yee**

**Patient Records**

Created date from: 02-Jan-2012  Created date to: 16-Jan-2012  Status: All

**Refine Results**

Record Type	Patient Name	Date of Birth	Status	Created	Created By	Last Updated	Last Update By
Antenatal General	<a href="#">Jane Doe</a>	01 Jan 1980	Submitted	05 Jan 2012	vivian yee	12 Jan 2012	Born Born
Postpartum Mother	<a href="#">Jane Doe</a>	01 Jan 1980	Draft	10 Jan 2012	vivian yee	10 Jan 2012	vivian yee
Postpartum Child	<a href="#">Child Doe</a>	01 Nov 2011	Draft	10 Jan 2012	vivian yee	10 Jan 2012	vivian yee

Page size: 10  3 items in 1 pages

**Announcements**

No records to display.

Page size: 10  0 items in 1 pages

## Midwife/MPG Administrator Landing Page

# Clinical Workflow in BORN

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## AG Encounter

- Initiate record in BORN : create patient
- May complete @ end of pregnancy

## Labour/ Birth Mother/ Birth Child

- Pre-population from AG encounter
- Priority – near real time data entry

## Postpartum Mother/ Postpartum Child

- Complete at discharge from MW care
- Relevant info sent to invoice system

# Clinical Workflow at MPG

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- Antenatal information
  - Administrative or Midwife entry when a Woman enters care
  - Midwife updates just prior to Labour
- Labour and Birth
  - Midwife enters as near real time as possible
- Postpartum
  - Midwife or Administrative entry to complete final clinical documentation and discharge course of care

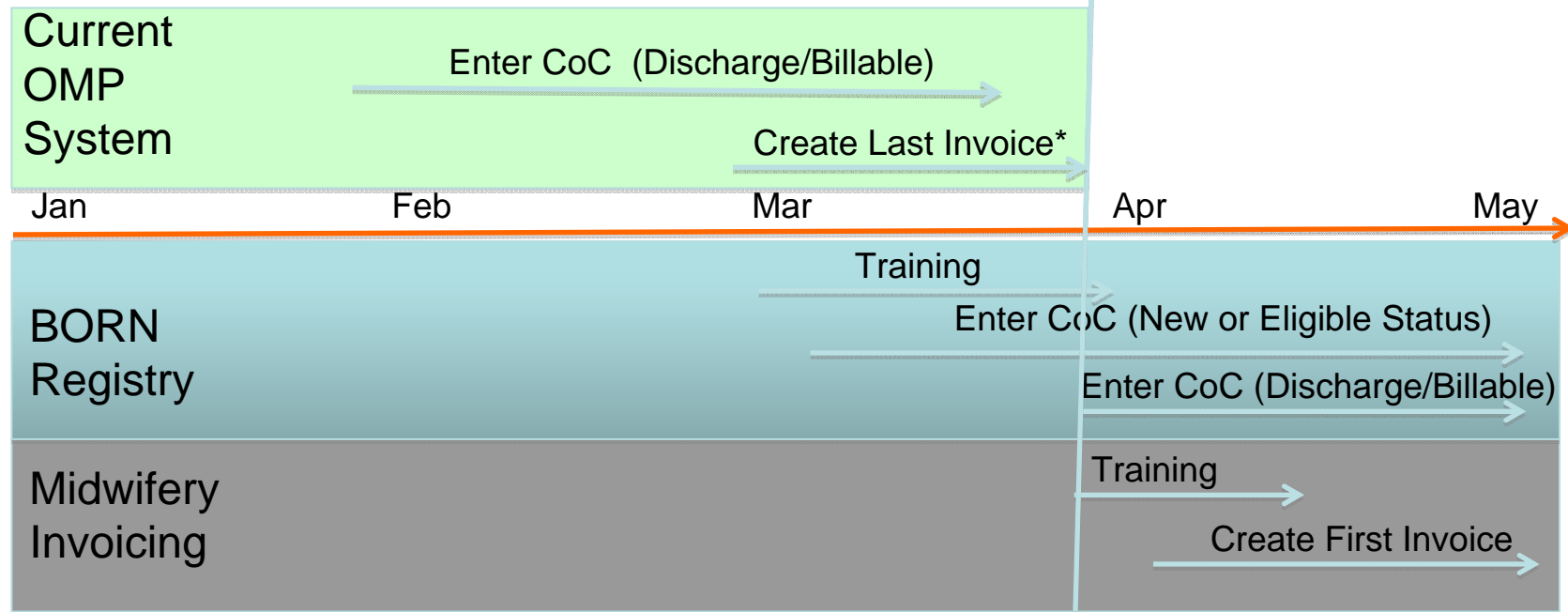
Hybrid approach to data entry recommended leveraging  
clinical and administrative resources

# Midwifery Invoice System Overview

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- Same invoicing solution (but new and improved)
  - with additional functionality
  - Enhanced reporting capabilities
- Historical Invoices also available for review and reporting

# Midwifery Transition Timeline



\* Exact date dependent on TPA

# Deployment Plan - Clinical

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- Determined by Number of Courses of Care entered/billed for per month:
  - Phase 1 - MPGs with  $> 25$  Courses of Care per month - Early March
  - Phase 2 - MPGs with between 10-25 Courses of Care per month – Mid March
  - Phase 3 - MPGs with  $< 10$  Courses of Care per month – End March

# Training and Communications

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- Scheduled interactive Webinars will be held several times per week
- Recorded Webinars available for review by anyone at anytime
  - Module specific training
- Data collection forms – (available Mid Feb)
- Training documents + Quick Reference Guide (available Mid Feb)
- BORN Build Bits and Bites - emails
  - Quick communication/training/tips

# Training - Invoice

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- For administrative users at MPGs
  - Webinars – regularly scheduled – offered multiple times
  - Training documents + Quick Reference Guide
  - End March – Early April
- For TPAs
  - Webinars - offered multiple times
  - Training documents + Quick Reference Guide
  - Early April

# Next Steps

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- BORN will contact all MPGs and TPAs re
  - Testing access to BORN portal
  - User registration + roles
  - Designation of Local Administrator role
  - Training Schedule
- Data Sharing Agreement
- BORN Build Briefing (Thurs. Feb. 16 tbc)
  - Demonstration/Readiness Checklist
- Ensure all invoices are managed before the end of the fiscal year

# Questions?

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# Contact Information

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For Information contact:

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