Introductions

- Please enter for yourself and all those in the room with you viewing the webinar into the chat box your:
  - Name
  - Role
  - Institution
- If you are only on the phone line, please be sure to let us know so we can note your attendance.
Call Overview

• What is the ILPQC/Data System (REDCap)?
• Accessing REDCap
• Overview of ILPQC IPLARC REDCap Data Form
• Data Collection Timelines (Baseline & Prospective Data)
• IPLARC Reports and Dashboard?
• Questions from you
ILPQC DATA SYSTEM
ILPQC: Three Pillars Support Quality Improvement Success
REDCap

- REDCap is the platform for data entry
- Currently hosted on a site called “healthlnk”
- Rapid-response data reports available now!
Data is yours!

- ILPQC manages the rapid-response data system, but the **data systems is for your team to use to implement change**
  - Share success with others at your hospital
  - Review areas that you still need to work on and use data to plan your quality work for the next month and compel others on your team to work for change
  - Compare your hospital progress over time with aggregate data of all ILPQC IPLARC teams
ACCESSING REDCAP
REDCAP ACCESS

• REDCap access was provided for all team members for which access was needed as indicated on the IPLARC Wave 2 roster form

• If you need access please email Danielle at danielle.young@northwestern.edu or info@ilpqc.org
Key Steps to Access REDCap

1. Add https://redcap.healthlnk.org to your bookmarks bar on your computer

2. Use your username & password to log in. Please email redcap@healthlnk.org or info@ilpqc.org if you have trouble logging in
REDCap Interface Overview

REDCap Log In Page [https://redcap.healthlnk.org](https://redcap.healthlnk.org)
REDCap Interface Overview

REDCap Landing Page After Logging in

REDCap "My Projects" Landing Page
Participating in Multiple ILPQC Initiatives?
ILPQC IPLARC DATA FORM
OVERVIEW
What to collect data on?

- **Structure Measures:**
  - QI Team
  - Hospital progress on initiative Aims:
    - IPLARC devices stocked
    - Protocols in place
    - Coding/billing
    - Documentation
    - Patient education
    - System-wide communication
What to collect data on?

• **Process Measures:**
  – Physician and midwife education
  – Nurse, lactation consultant, and social worker education

• **Outcome Measures:**
  – Number of deliveries for the month
  – IUDs/implants placed for the month
  – Contraceptive counseling 10 patient monthly sample
How to find the data

• Use baseline readiness survey to identify where your team is at to start

• **Structure and Process Measures**: Track measures using paper data forms at your hospitals monthly IPLARC QI team meetings to monitor progress
How to find the data

Outcome Measures: Documentation!

• # IUDs/Implants placed per month:
  – Develop a strategy early on to pull codes/problem list or use key word searches in the EMR
  – Keep a log of immediate postpartum LARCs placed

• Contraceptive counseling:
  – Implement a protocol early on to document contraceptive counseling in the medical record and use key word searches
  – Keep a bedside checklist, communicate with affiliated prenatal care sites to keep a log of counseling and to implement standard language in EMR
Working Definitions of Terms

• **Ambulatory Care Site Liaison**: contact for hospital’s affiliated prenatal care sites to coordinate with re: communication strategy, patient education, etc. The liaison may be a contact from one affiliated prenatal care site, a representative across several affiliated prenatal care sites, or a liaison per affiliated care site may be identified.

• **Affiliated Prenatal Care Site**: Site where patients who deliver at the hospital receive prenatal care. Includes affiliated medical groups, independent providers, federally qualified health centers, etc.

• **Evidence and Protocols**: IPLARC evidence is information that support the implementation of IPLARC. IPLARC protocols are tools to help implement unit standard IPLARC practices at your hospital. Education on these topics can be found in your toolkit.

• Unsure of what a term means? Don’t guess – email danielle.young@northwestern.edu for clarification.
Steps for entering data

• Click “IPLARC” or “Add/Edit Records”
• Click “Add New Record”
• Enter data, using paper data form as a guide
  – Best practice to keep both a paper data form and an electronic record, but please do what works best for you and your team.
• Watch out for branching logic and double check for common data entry errors
• Select “complete” and save record
Add/Edit Records

**Quick Tasks**
- **Codebook**
  The Codebook is a human-readable, read-only version of the project's Data Dictionary and serves as a quick reference for viewing field attributes.
- **Export data**
  Export your data from REDCap to open or view in Excel or various stats packages.
- **Create a report**
  Build custom reports for quick views of your data, and export reports to Excel/CSV.
- **User Rights**
  Grant new users access to this project or modify user privileges for current users.
- **Online Designer and Data Dictionary Upload**
  Create new fields/questions on your data collection instruments or modify existing ones using the Online Designer or by uploading a Data Dictionary. Quick link: [Download the current Data Dictionary](#)
- **Copy this project**
  Create an exact duplicate of this project, which copies over all data collection instruments. Any surveys that exist, as well as the option to copy all users and reports to the new project.
- **Data Access Groups**
  Create groups of users to limit user access to certain records/responses, in which only users within a given Data Access Group can access records created by users within that group.

**Project Dashboard**

The tables below provide general dashboard information, such as a list of all users with access to this project, general project statistics, and upcoming calendar events (if any).
Add/Edit Records
Add New Record

ILPQC IPLARC

You may view an existing record/response by selecting it from one of the drop-down lists below. The records are separated into each drop-down list according to their status for this particular data collection instrument. To create a new record/response, click the button below.

Total records: 0

Incomplete Records (0)  -- select record --
Complete Records (0)  -- select record --

Add new record

Data Search

Choose a field to search (excludes multiple choice fields)  -- select search field --

Search query
Begin typing to search the project data, then click an item in the list to navigate to that record.
Edit Record

ILPQC IPLARC

Actions:
- Download PDF of instrument(s)
- Share instrument in the Library

IPLARC

You may view an existing record/response by selecting it from one of the drop-down lists below. The records are separated into each drop-down list according to their status for this particular data collection instrument. To create a new record/response, click the button below.

Total records: 0

Incomplete Records (0) -- select record --

Complete Records (0) -- select record --

Add new record

Show Unverified Records above

Data Search

Choose a field to search
(excludes multiple choices fields)

-- select search field --

Search query

Begin typing to search the project data, then click an item in the list to navigate to that record.
ILPQC IPLARC

You may view an existing record/response by selecting it from one of the drop-down lists below. The records are separated into each drop-down list according to their status for this particular data collection instrument. To create a new record/response, click the button below.

Total records: 0

Incomplete Records (0)

Complete Records (0)

Add new record

Data Search

Choose a field to search (excludes multiple choice fields)

record_id (Record ID)

Search query

Begin typing to search the project data, then click an item in the list to navigate to that record.
### Paper Data Form

#### ILPQC IPLARC Data Collection Form

<table>
<thead>
<tr>
<th>Question</th>
<th>Answers/Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. For which month are you reporting? (month/year)</td>
<td>Month/year:</td>
</tr>
<tr>
<td>3. Are inpatient IMTs available on your hospital formulary?</td>
<td>1. Have not started 2. Working on it 3. In place (one or more IMTs are available) (check all that apply) a. Minea b. Lifeta c. Skye d. Solasta e. Fiducial f. Other</td>
</tr>
<tr>
<td>4. Are inpatient implants available on your hospital formulary?</td>
<td>1. Have not started 2. Working on it 3. In place</td>
</tr>
<tr>
<td>5. Are inpatient LRAC devices (with needed supplies) available on labor and delivery and/or on the postpartum unit?</td>
<td>1. Have not started 2. Working on it 3. In place</td>
</tr>
<tr>
<td>6. What inpatient LRAC devices are available on labor and delivery or the postpartum unit?</td>
<td>1. LRAC 2. Implantation 3. Both</td>
</tr>
<tr>
<td><strong>Hospital has IPLARC protocols in place for labor and delivery and postpartum units</strong></td>
<td></td>
</tr>
<tr>
<td>7. Which departments have implemented a protocol to support immediate postpartum placement of implants? (check all that apply)</td>
<td>1. L&amp;D 2. Postpartum unit 3. OB or OR 4. Pharmacy 5. Billing 6. Other</td>
</tr>
<tr>
<td>8. Do you have immediate postpartum protocols and process flows in place for implants?</td>
<td>1. Have not started 2. Working on it 3. In place</td>
</tr>
<tr>
<td>9. Which departments have implemented a protocol to support immediate postpartum placement of implants? (check all that apply)</td>
<td>1. L&amp;D 2. Postpartum unit 3. OB or OR 4. Pharmacy 5. Billing 6. Other</td>
</tr>
<tr>
<td><strong>Hospital has coding/billing strategies in place for reimbursement for IPLARC</strong></td>
<td></td>
</tr>
<tr>
<td>10. If your hospital carries LRAC devices, does your hospital use 340B purchasing for LRAC devices?</td>
<td>1. Hospital is not eligible for/does participate in 340B 2. Eligible, not yet participating 3. Eligible, participating 4. Do not know</td>
</tr>
<tr>
<td>11. Have you implemented billing codes for LRAC?</td>
<td>1. Haven’t started 2. Working on it 3. In place</td>
</tr>
<tr>
<td>13. If billing codes are implemented for LRAC implant, or both, with which payors do you have billing strategies in place?</td>
<td>1. Traditional Medicaid/Medicare FFS 2. Medicaid MCOs 3. Private Insurers (please specify, check all that apply) a. Aetna b. Anthem c. Blue Cross/Blue Shield d. Cigna e. Humana f. UnitedHealth g. Other</td>
</tr>
<tr>
<td>15. Have you received reimbursement for the devices you placed? (check all that apply)</td>
<td>1. Yes, traditional Medicaid/Medicare FFS 2. Yes, from MCO(s) a. Yes, from at least 1 Medicaid MCO b. Yes, from all Medicaid MCOs with whom the hospital contracts c. Yes, from all Medicaid MCOs, even those with whom the hospital does not contract 3. Yes, from private payers a. Yes, from at least 1 private payer b. Yes, from all private payers with whom the hospital contracts 4. No 5. Not yet placed any devices</td>
</tr>
</tbody>
</table>

---

**Available on ilpqc.org/IPLARC or by clicking here**
### PLQI IPLARC Form

**Assign record to a Data Access Group?**
- select a group

<table>
<thead>
<tr>
<th>Record ID</th>
<th>1</th>
</tr>
</thead>
</table>

#### Structure Measures

2. What stakeholders do you have on your hospital GI team to date?
- Check all that apply.
  - Administration
  - MCO Liaison
  - Pharmacy
  - Billing
  - Nursing
  - Maternal-Infant Health
  - OB provider champion
  - EBMU
  - Ambulatory prenatal care site liaison
  - Social Work
  - Other

3. Are inpatient IUDs available on your hospital formulary?
- Have not started
- Working on it
- In place (one or more IUDs are available)

4. Are inpatient implants available on your hospital formulary?
- Have not started
- Working on it
- In place

5. Are inpatient LARC devices (with needed supplies) available on Labor and Delivery and/or on the postpartum unit?
- Have not started
- Working on it
- In place

6. Do you have immediate postpartum protocols in place for IUDs?
- Have not started
- Working on it
- In place

7. Do you have immediate postpartum protocols in place for implants?
- Have not started
- Working on it
- In place

Hospital has IPLARC protocols in place for labor and delivery and postpartum units

Hospital has IPLARC devices stocked in the inpatient inventory

Hospital is not eligible to not participate in 340B
- Eligible, not yet participating
- Eligible, participating
- Do not know
### Branching Logic

1. **Hospital has IPLARC devices stocked in the inpatient inventory**
   - 3. Are inpatient IUDs available on your hospital formulary?
     - * must provide value
     - ![Options](Options)
     - Have not started
     - Working on it
     - In place (one or more IUDs are available)

2. **Hospital has IPLARC protocols in place for labor and delivery and postpartum units**
   - 6. Do you have immediate postpartum protocols in place for IUDs?
     - * must provide value
     - ![Options](Options)
     - Have not started
     - Working on it
     - In place

   - 8. Do you have immediate postpartum protocols in place for implants?
     - * must provide value
     - ![Options](Options)
     - Have not started
     - Working on it
     - In place
Branching Logic

- When certain responses are selected, a second question appears.
Branching Logic

- Sometimes the logic doesn’t show up right below the question (or where you would expect)

![Branching logic not activated](image)
Branching Logic

- Sometimes the logic doesn’t show up right below the question (or where you would expect)

Branching logic not activated

Branching logic activated
Different Icons

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>14. Has your hospital billed for the devices you placed?</td>
<td>Yes, No, Not yet placed any devices</td>
</tr>
<tr>
<td>* must provide value</td>
<td></td>
</tr>
<tr>
<td>15. Have you received reimbursement for the devices that you placed?</td>
<td>Yes (traditional Medicaid/Medicaid FFS), Yes (from MCO(s)), No</td>
</tr>
<tr>
<td>Check all that apply.</td>
<td>Yes (from private payer(s)), No, Have not placed any devices yet</td>
</tr>
<tr>
<td>* must provide value</td>
<td></td>
</tr>
</tbody>
</table>

- Circle = only one response may be selected
Different Icons

- Circle = only one response may be selected
- Box = more than one response may be selected
Avoid Common Data Entry Mistakes

If any of the “yes” responses are selected, make sure to not select a “no” response as well.

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>15. Have you received reimbursement for the devices that you placed?</td>
<td>Yes, traditional Medicaid, Yes, from MCO(s), Yes, from private payer(s)</td>
</tr>
<tr>
<td>Check all that apply.</td>
<td>No, Have not placed any devices yet</td>
</tr>
<tr>
<td>15a. If yes to MCO(s), please specify:</td>
<td>Yes, from at least 1 Medicaid MCO, Yes, from all Medicaid MCOs with whom the hospital contracts, Yes, from all Medicaid MCOs, even those with whom the hospital does not contract</td>
</tr>
<tr>
<td>15b. If yes to private payer(s), please specify:</td>
<td>Yes, from at least 1 private payers, Yes, from all private payers with whom the hospital contracts</td>
</tr>
</tbody>
</table>
Avoid Common Data Entry Mistakes

Be sure to complete the branching logic (if applicable for your response)

If any of the “yes” responses are selected, make sure to not select a “no” response as well.
Avoid Common Data Entry Mistakes

- Make sure you enter the correct hospital ID
- Do not enter a patient’s medical record number
- If you do not know your hospital ID, please email danielle.young@northwestern.edu
Avoid Common Data Entry Mistakes

• Make sure to select the appropriate month (double check the year)
### Outcome Measures

30. Number of deliveries this month:

<table>
<thead>
<tr>
<th>* must provide value</th>
</tr>
</thead>
</table>

31. Is your hospital routinely counseling, offering, and providing immediate postpartum LARCs either IUD or implants (i.e., Is your system live)?

- Yes
- No

| * must provide value |

31a. If yes, please specify:

- IUDs
- Implants
- Both

32. Total number of immediate postpartum IUDs placed this month:

| * must provide value |

33. Total number of immediate postpartum implants placed this month:

| * must provide value |

---

**If your hospital is routinely counseling, offering, and providing immediate postpartum LARCs, either IUD, implants, or both, please review a random sample of 10 charts for this month.**

**Begin by systematically selecting 10 records.**

First, divide the total number of live births occurring at your facility in a given month by 10 and then select every nth chart where n is the result of that division.

**Example 1:** If your hospital has 102 births in a month, then divide 102 by 10 = 10.2 and you will select every 10th birth for that month.

**Example 2:** If your hospital has 28 births in a month, then 28 divided by 10 is 2.8 and you will select every 2nd birth for that month.

**Review this random sample of charts and record the number of charts (0-10) with the following information documented:**

34. How many patients out of 10 reviewed had contraceptive counseling, including IPLARC, documented in the medical record during prenatal care?

| * must provide value |

34a. Of patients who did not have contraceptive counseling documented, how many did not have prenatal care?

| * must provide value |

34b. Of patients who did not have contraceptive counseling documented, how many had prenatal care, but did not have a prenatal record?

| * must provide value |

35. How many patients out of 10 reviewed had contraceptive counseling, including IPLARC, documented in the medical record during delivery admission?

| * must provide value |
Contraceptive Counseling
Patient Sample

Total # of deliveries for the month

20
Contraceptive Counseling
Patient Sample

Total # of deliveries for the month

20 ÷ 10 = 2 → Review every 2\text{nd} delivery for the month
Contraceptive Counseling
Patient Sample

Total # of deliveries for the month

\[ 20 \div 10 = 2 \implies \text{Review every 2\textsuperscript{nd} delivery for the month} \]
Contraceptive Counseling
Patient Sample: Delivery Admission

• Order prenatal care patients/deliveries by birthday, last name, or variable of your choice
• Round down (if 28 births/month divided by 10 = 2.8, round down to report every 2\text{nd} birth.
Close Out and Save the Form

Select the appropriate status for your form. Most forms will be marked as “complete.”

Don’t forget to save!
### When and how often to submit the data?

<table>
<thead>
<tr>
<th>Data Collection Form(s) Name</th>
<th>ILPQC IPLARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Collection Start</td>
<td>April 2019</td>
</tr>
<tr>
<td>Data Due Date</td>
<td>April – July due August 31(^{\text{st}}) 15(^{\text{th}}) of first month of the next quarter (i.e. August data due Sept 15)</td>
</tr>
<tr>
<td>Who/what are we collecting data on?</td>
<td>Track your QI work: patient and provider education, protocol implementation, process flow etc.</td>
</tr>
</tbody>
</table>
IPLARC REPORTS
Accessing Reports in REDCap

IPLARC STRUCTURE MEASURES - REPORTING TOOL

Welcome, d-r-young

Hospital ID: [Hospital ID] Go
Tab 1: Dashboard

Please select the reporting month: Dec 2018

1. Establish and test billing codes and test process for timely reimbursement.

2. Add LARC devices to formulary, stock in pharmacy, and make available on L&D/postpartum.

3. Modify IT/EMR for documentation of acquisition, stocking, ordering, comprehensive contraceptive counseling including IPLARC, consent, IPLARC placement, and billing.

4. Implement IPLARC protocol on L&D/mother baby through protocols/process flow changes.

5. Educate all providers, nurses, staff on IPLARC benefits, clinical recommendations, and protocols as well as providers on counseling and placement of IPLARC.

6. Standardize patient education (on all contraceptive options including IPLARC) and process flow for providing education and documenting education/counseling for all patients at affiliated prenatal care sites and on L&D/mother baby units.

7. Communicate launch of IPLARC availability during delivery admission with affiliated prenatal care sites.

Key Opportunities for IPLARC Improvement and Implementation

Hospital is actively providing IPLARC

- IUD
- Implant

IUDs Placed

- #Hospital
- 1

Implants placed

- #Hospital
Structure Measure Reports

ILPQC IPLARC Initiative: Percent of Hospitals with Protocols/Process Flow
All Hospitals 2018-2019

- Hospital-level progress
- Initiative wide progress
IPLARC Webpage and Toolkit are LIVE

Immediate Postpartum Long-Acting Reversible Contraception (IPLARC)

The goal of the ILPQC Immediate Postpartum Long-Acting Reversible Contraception (IPLARC) Initiative is to support birthing hospitals that provide contraception at the hospital level to implement best practice protocols. Hospitals that do not provide contraception can participate with post-delivery outpatient alternative strategies.

**We are now recruiting hospitals for Wave 2 of the IPLARC initiative!** Is your hospital interested in participating? Sign up with the roster form available here. **

News you can use: **Check out this article** from Upstream about the importance of asking patients about pregnancy intention.

www.ilpqc.org/iplarc
# IPLARC Toolkit

## 1. Initiative Resources

- **a. 10 Steps to Getting Started with the ILPQC Immediate Postpartum LARC Initiative**
- **b. IPLARC 7 Key Opportunities for Improvement**
- **c. 13 Practice Changes for IPLARC Success**
- **d. Immediate Postpartum LARC Aims and Measures**
- **e. Immediate Postpartum LARC Data Form**
- **f. Immediate Postpartum LARC Key Drivers Diagram**
- **g. Immediate Postpartum LARC Wave 1 Teams Survey**
- **h. Plan-Do-Study-Act Worksheet**
- **i. Example Process Flow Diagram** (page 7)

## 2. National Guidance: ACOG Committee Opinions

## 3. Documentation of IPLARC placement in IT/EMR systems

## 4. Coding/billing strategies for reimbursement of IPLARC

## 5. IPLARC devices stocked in inpatient inventory

## 6. Example protocols for IPLARC placement for labor and delivery and postpartum units

## 7. Referral strategies for providing Immediate Post-Discharge LARC (interval LARC)

## 8. Provider & nurse education on IPLARC evidence, protocols, and counseling

## 9. Patient education materials for affiliated prenatal care sites & during delivery admission

## 10. Other IPLARC Toolkits/Resources

*The resources provided in this toolkit are examples, for informational purposes only and not meant to be prescriptive. The exclusion of a resource, program or website does not reflect the quality of that resource, program or website. Note: website and URLs are subject to change.*

[www.ilpqc.org/iplarc](www.ilpqc.org/iplarc)
Next Steps

• Ensure all team members who need REDCap access are able to access the data form.
• Regular monthly data collection begins April 2019
• Data Form access granted for those who had requested REDCap access.
• Email info@ilpqc.org or danielle.young@northwestern.org with any questions.
Questions?