



ADVANCING INTEGRATED HEALTHCARE

Adult Immunization Quality Improvement Initiative

Kickoff Meeting | October 16, 2024

Care Transformation Collaborative of RI

Agenda

Timing	Topic	Presenter/Facilitator
7:30-7:40am	Welcome and Introductions	Susanne Campbell
7:40-7:50am	Team Introductions	All practices
7:50-8:00am	Project Details	Susanne Campbell
8:00-8:10am	Measurement Specifications	Andrea Galgay
8:10-8:25am	RICAIR Overview	Janet Limoges
8:25-8:30am	Next Steps	Susanne Campbell



Special thanks to:



For providing funding for this initiative

Meet the Team!



Susanne Campbell
CTC-RI



Kelley Sanzen
CTC-RI
Brown Medicine



Susan Dettling
CTC-RI



Jim Beasley
Rhode Island Department
of Health



Breanne DeWolf
Rhode Island Department
of Health



Andrea Galgay
RIPCPC



Peter Hollman, MD
Brown Medicine



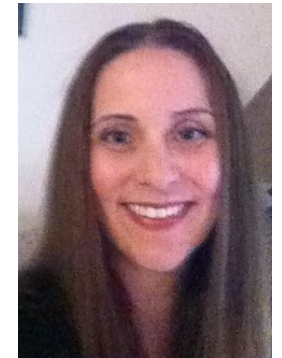
Mary Beth Sutter, MD
Family Care Center



Carolyn Karner
CTC-RI



Janet Limoges
Rhode Island
Department of
Health



Lisa Gargano, PhD
Chief Office of
Immunization, RIDOH

Teams Participating

Practices focused on Perinatal Patients

- Tri-County Community Action
- VICTA

Practices focused on Diabetic Patients

- Clinica Esperanza
- Coastal – Bald Hill
- Coastal – Hillside
- Medical Associate of RI, Bristol
- Medical Associate of RI, East Providence

What would be helpful for you to know (and/or do) to help improve immunization rates?

Project Goals

To improve immunization rates among perinatal patients and patients with diabetes, using evidence-based tools of practice choosing with the goal that nearly all patients are counseled and receive recommended needed vaccines

Perinatal Patient Vaccines	Diabetic Patient Vaccines
Tdap	Tdap
Influenza	Influenza
COVID-19	COVID-19
	Pneumococcal

Practices will meet monthly with practice facilitator to:

- **Identify** a quality improvement **team** (champion, clinical staff (providers/nurses/medical assistants/office staff/IT))
- **Review** a **pre assessment** best practices readiness assessment tool
- **Assess** present **baseline immunization** performance **rates**
- **Identify** and **implement** a performance improvement plan using the **Plan-Do-Study-Act (PDSA)** approach that will optimize care, clinical workflow, staff and patient knowledge that can be scheduled in accordance with the monthly meetings
- **Submit three PDSA's cycles** to CTC-RI (**baseline, mid-point, final**) **including** patient **immunization** performance **rates**
- **Meet quarterly with your peers** to learn about challenges and successes (**January 15th, April 16th, June 18th**)

Adult Immunization Milestone Summary

[Link to the document here](#)

Deliverable	Due Dates	Notes										
10-month Practice Team Expectations – September 2024 to June 2025												
Pre-Assessment completed	October 14, 2024	QI team and provider champion to complete survey										
Participative Agreement signed												
Quality Improvement (QI) team to attend Orientation meeting	October 16, 2024 7:30-8:30AM	Meeting is recommended for Practice Lead and Provider Champion										
Meets monthly with practice facilitator	ongoing											
PDSA #1: Submit baseline performance and immunization plan for improvement using the Plan-Do-Study-Act approach that will optimize clinical workflow.	November 15, 2024	Submit baseline <u>Plan-Do-Study-Act (PDSA)</u> to: RIDOH@ctc-ri.org										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Perinatal Vaccines</th> <th>Diabetes Vaccines</th> </tr> </thead> <tbody> <tr> <td>Tdap</td> <td>Tdap</td> </tr> <tr> <td>Influenza</td> <td>Influenza</td> </tr> <tr> <td>COVID-19</td> <td>COVID-19</td> </tr> <tr> <td></td> <td>Pneumococcal</td> </tr> </tbody> </table>		Perinatal Vaccines	Diabetes Vaccines	Tdap	Tdap	Influenza	Influenza	COVID-19	COVID-19		Pneumococcal	Baseline data should consist of numerator of patients immunized for vaccines (see table on left) looking 12 months back (November 1, 2023 – October 30, 2024 / total number of patients in area of focus (perinatal or diabetes)).
Perinatal Vaccines	Diabetes Vaccines											
Tdap	Tdap											
Influenza	Influenza											
COVID-19	COVID-19											
	Pneumococcal											
Quality Improvement (QI) team to attend meeting and report out on PDSA results:	January 15, 2025 7:30-8:30AM	Provider Champion and QI team lead is required.										
<ul style="list-style-type: none"> Data Key learnings (successes/challenges) 												
Submit mid-point performance PDSA updates.	February 15, 2025	Submit mid-point PDSA to: RIDOH@ctc-ri.org										
		<u>Data:</u> (November 1, '24 – January 30, '25)										
Quality Improvement (QI) team to attend meeting and report out on PDSA results:	April 16, 2025 7:30-8:30AM	Provider Champion and QI team lead is required.										
<ul style="list-style-type: none"> Data Key learnings (successes/challenges) 												
Submit final PDSA results with key learnings and patient story.	May 15, 2025	Submit final PDSA and PPT to: RIDOH@ctc-ri.org										
		<u>Data:</u> (February 1, 2025 – April 30, 2025)										
Post Assessment completed	June 4, 2025	QI team and provider champion to complete survey										
Quality Improvement (QI) team to attend Final meeting and report out on PDSA results:	June 18, 2025 7:30-8:30AM	Provider Champion and QI team lead is required.										
<ul style="list-style-type: none"> Final PDSA Results Key learnings (successes/challenges) 												

Measurement Specification

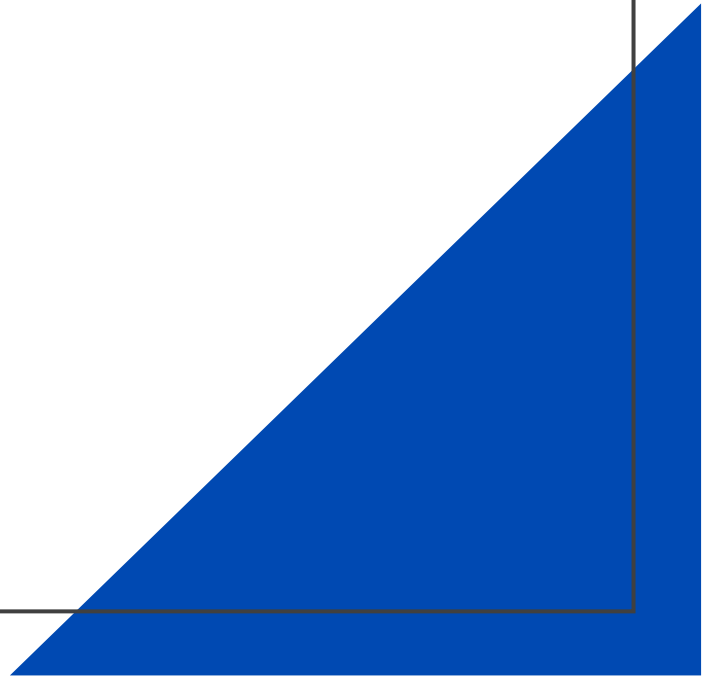


- Adult Immunization Measurement Specifications for birth patients
- Adult Immunization Measurement Specifications for patients with diabetes



RICAIR

Rhode Island Child and Adult Immunization Registry





ADULT Immunization Data



RICAIR provides a lifelong immunization registry used for preventive care and control of vaccine preventable disease.



RICAIR maintains all records of immunizations in one secure database, regardless of where the vaccine is administered.



Healthcare institutions and pharmacies receiving vaccine supplied by the State of Rhode Island are required to participate in RICAIR by electronic data reporting (or by actively working toward establishing electronic reporting)



AVAILABLE DATA

In RI, submission of immunization data to the state's IIS for children was mandated in 1997; beginning January 1, 2020, reporting of immunizations given to all ages is now required. Electronic exchange of data is the only form accepted.

An online Direct Data Entry option is available for reporting purposes for practice's working towards an HL7 interface.

Data exchange with Massachusetts's IIS began in the fall of 2023; RICAIR will receive data for those individuals with a RI address who have been immunized in Massachusetts. Recently, we have added NY state and Connecticut to the Exchange. Additional states will be added continually.



PRACTICE REPORTS

Patient List Report:

All patients associated with a practice; practice attribution occurs when a provider reports a vaccine to the registry, or when a practice self assigns themselves as the PCP in RICAIR.

COVID Immunization Report:

Lists patient's Covid-19 vaccination status according to RICAIR.

Seasonal Influenza Report:

Identifies patients who may be due for their seasonal flu vaccine.

Immunizations Submitted by Other Providers Report:

Identifies vaccines that patients in your practice have received elsewhere that have been reported to RICAIR.

Mini Grant: Eligibility and Opportunity

RICAIR will award mini grants of up to \$4,975 to establish or upgrade an electronic interface between the healthcare professional's electronic health record and RICAIR.

The interface will employ the current HL7 version 2.5.1 Immunization data messaging standard for electronic data exchange.

Eligible applicants include healthcare professional offices, independent pharmacies, mass immunizers, school districts, and skilled nursing facilities.

More information: RIDOH.RICAIRONboarding@health.ri.gov

Apply: <https://health.ri.gov/rfp/Promoting-Immunzation-Data-Exchange-2024.pdf>



Resources

Resource	LINK / NOTES
CDC, NFID, ACOG Resources Pregnancy & Immunizations	
Vaccine Recommendations Before, During, & After Pregnancy	Vaccine Recommendations Before, During, and After Pregnancy Pregnancy & Vaccines CDC
Prenatal Care and Routinely Recommended Vaccinations (1 pg. .pdf)	https://www.cdc.gov/vaccines/pregnancy/hcp-toolkit/downloads/prenatal-care-and-routinely-recommended-vaccinations-508.pdf
Guidelines for Vaccinating Pregnant Persons	Guidelines for Vaccinating Pregnant Persons Pregnancy & Vaccines CDC
	Why Maternal Vaccines Are Important Pregnancy & Vaccines CDC Maternal vaccines are important because pregnant people and their babies can get sick from diseases like COVID-19, flu, RSV and more. When doctors recommend and offer these vaccines, more pregnant people get vaccinated, which keeps them and their babies safe from these serious illnesses.
Vaccinating Pregnant Individuals: Eight Key Recommendations for COVID-19	covid-19-vaccination-site-recommendations.pdf (acog.org)
Improving influenza immunization in pregnant women and healthcare workers (PubMed article)	Improving influenza immunization in pregnant women and healthcare workers - PubMed (nih.gov)
Prenatal immunizations: Provider Tip Sheet	Point32Health's HEDIS Tip Sheets
Article	Harnessing electronic clinical data to report adult and prenatal immunization quality measures Journal of the American Medical Informatics Association Oxford Academic (oup.com)
Adult Immunizations / Diabetes Adult Immunization Schedule by Age	Adult Immunization Schedule by Age (Addendum updated June 27, 2024) Vaccines & Immunizations CDC
Immunization patient resources	National Immunization Awareness Month (NIAM) CDC <ul style="list-style-type: none"> Use these resources to help you discuss vaccinations with your patients and parents during NIAM and throughout the year.
Immunization patient resources	National Immunization Awareness Month (NIAM) CDC <ul style="list-style-type: none"> Use these resources to help you discuss vaccinations with your patients and parents during NIAM and throughout the year.
National Foundation for Infectious Disease	US Vaccine Recommendations - NFID
What Vaccines Do People with Diabetes Need?	Vaccines and Diabetes (nfid.org)
Immunize.org	Vaccinations for Adults with Diabetes (immunize.org)
A Reminder to Healthcare Professionals to Consider Pertussis Diagnoses - newsletter article	Clinical Overview of Pertussis Whooping Cough CDC

Resources (continued)

RIDOH Resources	
Rhode Island Child and Adult Immunization Registry (RICAIR) <ul style="list-style-type: none"> RICAIR Immunization Data Only Limited practice reports, (Patient Report, Covid Reports, Flu Reports) Immunization Electronic reporting start date of 2020 Limited histories for individuals born before 1997 (27yrs) <ul style="list-style-type: none"> KIDSNET Childhood preventative health information system; Multiple practice-based reports. Immunization Reporting start date of 1997 <ul style="list-style-type: none"> RICAIR Reports: (Available for Primary Care Offices Only)	<p><u>Rhode Island Child and Adult Immunization Registry (RICAIR): Department of Health</u></p> <p>RICAIR only accepts immunizations from an HL7 transmission from a practice's EHR. There is a data entry process that providers may use to enter their own recently administered vaccines, however if an adult practice wishes to submit historical data administered by another provider, they must do so through their EHR. In the future, systems will be in place that will allow providers to edit and enter additional vaccines through the Data Entry application.</p> <p>Patient List: Patients are attached to a PCP when a vaccine is reported as administered by that practice for that patient; OR, when a practice accepts the individual as their patient from the Demographic Page within RICAIR. At this time, a comprehensive listing of patients may not appear on the Practice List as many patients have only received vaccine outside of the PCP office since RICAIR began collecting information on adults. The report is available to download and may be sorted by age range.</p> <p>COVID-19 Report: Identifies patients attached to a practice who still need the most recent Covid-19 vaccine. The report is available to download and may be sorted by age range.</p> <p>Seasonal Flu Report: Identifies patients attached to a practice who appear to be due for their flu shot according to RICAIR.</p> <p>Immunizations Submitted by Other Providers: Identifies immunizations administered to patients attached to a practice that were reported to RICAIR by other provider offices or vaccine providers such as a pharmacy or community clinic.</p> <p><u>State Supplied Vaccine (SSV) Program Enrollment Instructions (ri.gov)</u></p>
State-Supplied Vaccine (SSV) Program Enrollment Instructions	<p><u>Mini-Grant - 2024 Immunization Interface Development, Promoting Immunization Data Exchange</u></p> <p>The Rhode Island Department of Health (RIDOH) will award mini-grants up to \$4,975 to establish or upgrade an electronic interface between healthcare professional's electronic health record and the Rhode Island Child & Adult Immunization Registry (RICAIR). Use link above for more details. Applications Due: March 1, 2025</p>
RIDOH Immunization Interface – Mini-Grant	<p><u>respiratory-virus-guidance.png (1047x809) (ri.gov)</u></p> <p><u>Respiratory Viruses: Department of Health (ri.gov)</u></p>
RIDOH – respiratory virus guidance resources	

Next Steps

- Practice Facilitators will be reaching out to schedule meetings
- Participative Agreements & Pre-Assessments were due October 15th. If you haven't already submitted, please send ASAP. Initial payment is contingent on receipt.
- Baseline PDSA and data submission is due November 15th.
- Next LC meeting is January 15, 2025.

THANK YOU!