

Immunization Management - Scanners, Imms Reg, Forecasting, Vaccine Lot Mgmt

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New Client Implementation



Q&A and Networking

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Session Goals

1. Understand the tools PCC provides for Immunization Management
2. Understand the benefits of utilizing these tools in conjunction
3. Encourage reaching out to PCC Support resources



Vaccine Lot manager

- Used to track your Vaccine inventory
- Tracks Manufacturer information, lot #, expirations, funding sources, status, and increases/decreases to supply
- Can be used in conjunction with a Barcode scanner to improve accuracy



Why use the Vaccine Lot Manager?

- Ensure accurate administration information
- Easily see inventory needs
- Track inventory transactions
 - Decreases automatically with Immunization order administrations



Reporting and Reconciliation

- Use the Transaction Log with a specific lot in the Vaccine Lot Manager to see each adjustment
- Use the Vaccine Reconciliation Worksheet in the Report Library to compare Lot Manager inventory with physical inventory
 - Reconcile inventory frequently to catch and resolve discrepancies quickly. The more frequently and consistently this is done, the easier discrepancies will be to resolve
- Use the Immunization Administration Details report to see additional administration and patient details
 - Useful for determining if a patient should have received a VFC lot based on insurance



Common causes of discrepancies and how to resolve them

- Shipment received increase by too many/too few doses
 - Check your shipment/order logs to make sure the amounts match the historical transaction
- A vaccine that was Administered but not ordered in the visit
 - Review recent visits and the Overdue Imms report to determine where vaccines should have been charted then ensure those are ordered/administered in the visit
- A charted Immunization Order that was not actually given physically
 - Use the Transaction Log or Administration Details report to find the erroneous order, edit, cancel, and save it
- Incorrect Lot used for administration (for example Private vs VFC funding source)
 - Use Transaction Log or Administration Details report to find the erroneous order, edit, select the correct lot, and save it
 - Use a Barcode scanner to ensure the correct lot is selected during administration



Get Started

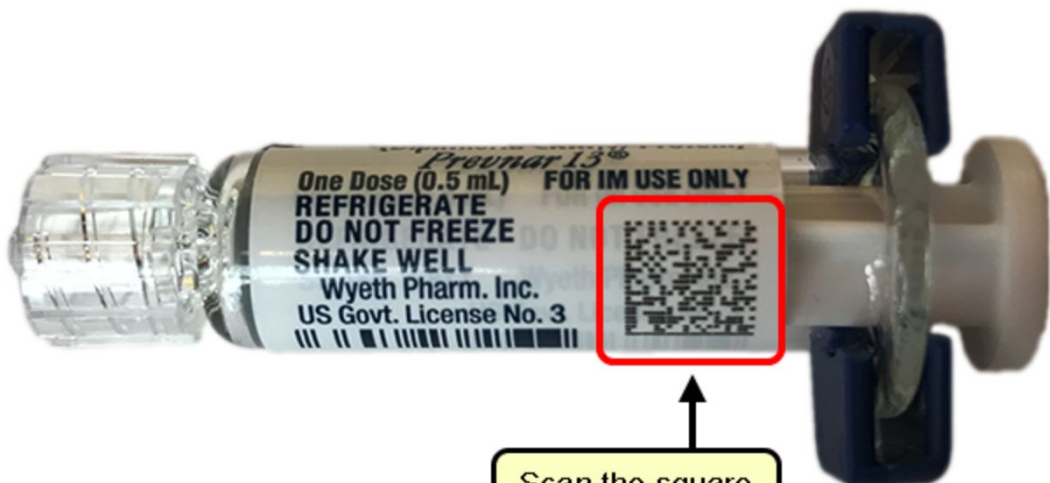
- Reach out to PCC Support or you Client Advocate for assistance using the Vaccine Lot Manager, running reports, or advice on fixing discrepancies
- Review Learn documentation on Lot Management and Immunization Reporting

<https://learn.pcc.com/help/immunization-lots-vaccine-inventory-management/>



Scanning

- Vaccine vials have small 2D barcodes that can be read with a barcode scanner
- PCC EHR Vaccine Lot Manager can detect these scans and auto-populate lot info
- Vials can also be scanned during administration to ensure the correct lot is selected



Scan the square
2D barcode



Why Scan?

- Improved patient safety
- Reduced inventory and administration errors
- Complete data transmitted to Immunization Registry
- Time saved from manual entry



What is a scanner?

- Barcode scanners effectively work like a keyboard that reads and outputs the barcode content upon detection
- Small, handheld, and can be connected to a workstation via USB or Bluetooth



Different types of scanners

USB Barcode scanner



Pros

- Plug and play
- Shareable
- Less expensive

Cons

- Tethered
- Bigger
- Less portable



Different types of scanners

Bluetooth Barcode scanner



Pros

- Mobile
- Compact

Cons

- Set up
- Charging
- Single workstation



Start scanning

- Reach out to PCC Support or you Client Advocate for additional guidance or training
- Review documentation on learn.pcc.com

<https://learn.pcc.com/help/scanning-inventory-lot-manager/>



Immunization Registries and PCC

- PCC has interfaces with the majority of State Immunization Registries in the US
- We submit Administration data automatically to connected registries using the HL7 standard format
- PCC does not receive data from connected registries
- Registry responses can be reviewed in PCC EHR to see Rejections, Errors, or Warnings from the registry (if the registry sends that information)



How to ensure accurate data gets sent

- Make sure a real provider with an NPI is assigned to the visit
- Review and update patient demographics including Race, Ethnicity, at least 1 Personal Contact, and Immunization Communication Preference
- Complete VFC Eligibility status for each visit
- Fill in all fields in Immunization Administration
 - Using a Barcode Scanner will ensure the correct lot is being sent



Make a connection!

- Register with your State or City immunization registry
- Reach out to PCC Support or your Client Advocate who will help determine if and when a connection can be established

<https://learn.pcc.com/help/submit-immunization-records-to-registries/>



Immunization Forecaster

- Lives in the Immunization History and Immunization component while charting
- Display a list of upcoming, or missing, immunizations for the patient
- Warning messages provide information about administered vaccines that have not met guidelines
- These are guidelines meant to assist but not replace medical decision making

Forecasting Results Last updated: 04/19/18 01:36pm Show Informational Warnings(0) Refresh

Vaccine Family	Dose #	Recommended Date	Minimum Date	Past Due Date	Maximum Date
HPV	1st	03/15/2019 (11y)	03/15/2017	03/15/2021	03/15/2108
Meningococcal	1st	03/15/2019 (11y)	03/15/2018	03/15/2021	03/15/2128
Hep-A	1st	03/15/2009 (1y)	03/15/2009	03/15/2010	03/15/2128
Flu	3rd	10/01/2017 (9y 6m)	07/01/2017	10/31/2017	03/15/2128
DTaP/DT/Td/Tdap	6th	03/15/2019 (11y)	03/15/2019	03/15/2021	03/15/2128



How does Forecasting work?

- PCC displays Forecasting Results and Forecasting Warnings from the IMMUCAST™ service by Scientific Technologies Corporation. STC uses an immunization rule set built on the ACIP immunization schedule guidelines from the CDC.
- Forecasting Results and Forecasting Warnings do not represent medical authority in deciding which immunizations a patient should receive. Your practice may adhere to a custom immunization schedule and make different decisions.
- ACIP guidelines and immunization schedules can change over time. PCC has a team that reviews and considers each patch or update from the STC IMMUCAST service. Once the team approves a new update or change to forecasting rules, it is reflected in the Immunizations component for all PCC practices.



Why Forecast?

- ACIP recommendations at your fingertips right in the EHR
- Review the Forecaster before visits to easily determine what is needed
- Use the Overdue Vaccine Recall to find patients forecast to be due or overdue for specific Vaccine families
- Immunization Forecasting is an optional feature. Contact PCC Support to turn it on or off.



Session Takeaways

PCC's Immunization Management tools can help you...

1. Ensure accurate information is charted and (if applicable) sent to your Immunization Registry
2. Keep track of your Vaccine inventory electronically
3. Ensure your patient population is up to date



References

- Vaccine Lot Manager
 - <https://learn.pcc.com/help/immunization-lots-vaccine-inventory-management/>
- Scanning
 - <https://learn.pcc.com/help/scanning-inventory-lot-manager/>
- Imms Reg
 - <https://learn.pcc.com/help/submit-immunization-records-to-registries/>
 - <https://learn.pcc.com/help/immunization-registry-response-viewer/>
- Vaccine Forecasting
 - <https://learn.pcc.com/help/immunization-forecasting/>
 - <https://learn.pcc.com/help/find-patients-who-are-behind-on-immunizations/>
 - <https://www.cdc.gov/vaccines/acip/recommendations.html>



What Questions Do You Have?

Questions posted in the [Live Session channel of UC Chat](#) will be read aloud by moderator for presenter to answer. Please post your questions in Live Session.

