



# Electronic Decrementing for HL7 Clinic

This is the Electronic Decrementing process for clinics that have their EHR electronically sending data directly to CT WiZ through HL7 messages

## Things You Should Know

This function enables users of HL7 practices to see if vaccines that were administered in their EHR can be matched to the CT WiZ inventory on hand.

How often a practice uses Electronic Decrementing is up to the clinic. Keep in mind that the longer you wait, the more matching/corrections will need to be made. However Electronic Decrementing **must** be done before Reconciliations.

If you are part of a large clinic it is good practice to clean up your Electronic Decrementing weekly or even on a daily basis.

# Electronic Decrementing



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## Default Provider/Clinic

Provider \*

Clinic \*

## News



There are currently no news items available.

Note that this application requires the use of Adobe Reader to view/print some of the files and reports that are available.

[Click here to download a free copy of Adobe Reader.](#)



To begin, make sure you are in the correct clinic, especially if you belong to multiple clinics.

Click **Inventory**, **Vaccines**, and then **Electronic Decrementing**.

# Electronic Decrementing

## Electronic Decrementing

Electronic Decrementing Search

Immunization From \*

Immunization Through \*

Inventory Location \*

Vaccine Group

Minimum Match Confidence 90%

01/15/2019

04/15/2019

1032 FREEZER 1

Exclude matching to Private Inventory ☐

Exclude Private Immunizations ☐

Show Clean-up Options >>

Search

Search Results - 75 entries (400 Doses)

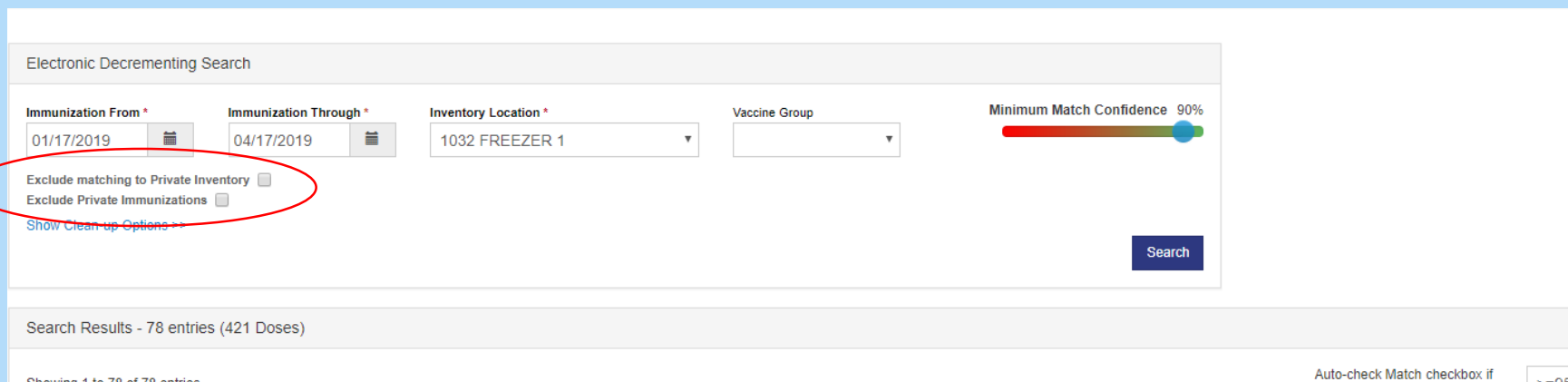
Showing 1 to 75 of 75 entries

Auto-check Match checkbox if confidence is

Incoming Inventory Transaction	Matched Inventory On-Hand	Match Confidence	Doses	Match?
HEP A, PED/ADOL, 2D : SKB : 279H2 : 01/31/2021 : ?	UNABLE TO FIND ANY MATCHES WITH 90% CONFIDENCE		69	
PCV13 : WAL : W81743 : 09/30/2020 : ?	94% - PCV13 : PFR : W81743 : 09/30/2020 : BLENDED PUBLIC CVP (37 REMAINING DOSES)	94%	56	<input type="checkbox"/>
PCV13 : WAL : W80810 : 09/30/2020 : ?	94% - PCV13 : PFR : W80810 : 09/30/2020 : BLENDED PUBLIC CVP (58 REMAINING DOSES)	94%	52	<input type="checkbox"/>
HIB (PRP-T) : PMC : UI957AA : 06/30/2020 : ?	91% - HIB (PRP-T) : PMC : UI957AAA : 03/31/2020 : BLENDED PUBLIC CVP (4 REMAINING DOSES)	91%	18	<input type="checkbox"/>
HPV9 : MSD : R020200 : 05/31/2021 : ?	98% - HPV9 : MSD : R020200 : 05/31/2021 : BLENDED PUBLIC CVP (14 REMAINING DOSES)	98%	18	<input checked="" type="checkbox"/>
DTAP-HEPB-IPV : SKB : 2HC47 : 12/31/2020 : ?	UNABLE TO FIND ANY MATCHES WITH 90% CONFIDENCE		13	
HEP A, PED/ADOL, 2D : SKB : E53PX :	98% - HEP A, PED/ADOL, 2D : SKB : E53PX : 05/31/2021 : BLENDED PUBLIC CVP (33 REMAINING DOSES)	98%	11	<input type="checkbox"/>

1. Enter the dates in the Immunization From and Through fields you want to check for Electronic Decrementing. After your first Electronic Decrementing, the Immunization From field automatically prefills with your last ending date. Click Search after your Immunization dates are entered.
2. You can slide the **Minimum Match Confidence** bar percentage to narrow or increase your results. This will assist you if you have a large list of vaccines to match.
3. CT WiZ will automatically check the Match? checkbox for any vaccines that match with a 95% confidence or higher.
4. CT WiZ will not let you match any vaccines with less than a 70% match confidence.

# Electronic Decrementing



Electronic Decrementing Search

Immunization From \* 01/17/2019 Immunization Through \* 04/17/2019 Inventory Location \* 1032 FREEZER 1 Vaccine Group Minimum Match Confidence 90%

Exclude matching to Private Inventory ☐  
Exclude Private Immunizations ☐  
[Show Clean-up Options >>](#)

Search

Search Results - 78 entries (421 Doses)

Showing 1 to 78 of 78 entries

Auto-check Match checkbox if

CT WiZ does have the option to exclude your private inventory and private Immunizations. It is recommended that **you do not** check these boxes.

If you select these, the potential inventory matches will not include privately funded inventory and may cause Reconciliation issues.

# Electronic Decrementing Matching

## Electronic Decrementing Search

Immunization From \* 01/17/2019  
 Immunization Through \* 04/17/2019  
 Inventory Location \* 1032 FREEZER 1  
 Vaccine Group  
 Minimum Match Confidence 90%  
 Exclude matching to Private Inventory ☐  
 Exclude Private Immunizations ☐  
[Show Clean-up Options >>](#)  
 Search

Search Results - 78 entries (421 Doses)

Showing 1 to 78 of 78 entries

Incoming Inventory Transaction	Matched Inventory On-Hand	Match Confidence	Doses	Match?
HEP A, PED/ADOL, 2D : SKB : 279H2 : 01/31/2021 : ?	UNABLE TO FIND ANY MATCHES WITH 90% CONFIDENCE		69	
PCV13 : WAL : W81743 : 09/30/2020 : ?	94% - PCV13 : PFR : W81743 : 09/30/2020 : BLENDED PUBLIC CVP (37 REMAINING DOSES)	94%	59	<input type="checkbox"/>
PCV13 : WAL : W80810 : 09/30/2020 : ?	94% - PCV13 : PFR : W81743 : 09/30/2020 : BLENDED PUBLIC CVP (37 REMAINING DOSES)	94%	52	<input type="checkbox"/>
	94% - PCV13 : PFR : W80810 : 09/30/2020 : BLENDED PUBLIC CVP (58 REMAINING DOSES)			

After you select all your matches, click **Accept Checked** to complete. A pop up window will appear asking you if you are sure you want to match. Once you click OK then another pop-up will appear letting you know the matches were a success.

1 This is the data that came in through the HL7 message.

2 CT WiZ automatically picks the best match to the vaccine. However, by clicking the down arrow next to the vaccine, you can see other possible matches from your inventory on hand.

3 Once you select the correct vaccine, click the Match? checkbox.

# Electronic Decrementing

Search Results - 78 entries (421 Doses)

Showing 1 to 78 of 78 entries

Auto-check Match checkbox if confidence is >=95%

Incoming Inventory Transaction	Matched Inventory On-Hand	Match Confidence	Doses	Match?
TST, UF : PMC : C5563AB : 03/31/2021 : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	5		
RSV-MAB : MED : JT0047 : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	2		
HPV9 : MSD : DD : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	1		
HPV9 : MSD : DDD : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	1		
MCV4 (MENACTRA) : PMC : DD : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	1		
TDAP, ADSORBED : PMC : C5566AA : 12/31/2020 : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	1		
TST, UF : PMC : C55663AB : 03/31/2021 : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	1		
TST, UF : PMC : C5569AA : 04/30/2021 : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE	1		

You can filter your search results by **Match Confidence**. Click on the down arrow next to **Match Confidence** to view this.

Many different vaccines/test come through HL7 messages. By filtering the Match Confidence, you can exclude things that do not pertain to the CVP program. You will **not** be required to match vaccines/test that aren't covered by the vaccine program.

# Electronic Decrementing

Search Results - 78 entries (421 Doses)

Showing 1 to 78 of 78 entries

Auto-check Match checkbox if confidence is  **Accept Checked**

Incoming Inventory Transaction	Matched Inventory On-Hand	Match Confidence	Doses	Match?
TST, UF : PMC : C5563AB : 03/31/2021 : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE		5	
RSV-MAB : MED : JT0047 : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE		2	
HPV9 : MSD : DD : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE		1	
HPV9 : MSD : DDD : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE		1	
MCV4 (MENACTRA) : PMC : DD : ??/??/???? : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE		1	
TDAP, ADSORBED : PMC : C5556AA : 12/31/2020 : ?	UNABLE TO FIND ANY MATCHES WITH 45% CONFIDENCE		1	

For the CVP vaccines that come through without any matches, click on the number of doses given with the unmatched vaccine. A new window will appear.

Incoming Inventory Transaction Group

Showing 1 to 1 of 1 entries

Date	Vaccine	Expiration Date	Lot Number	Manufacturer	Eligibility	Funding Source
04/09/2019	HPV9		DDD	MERCK & CO, INC.	VFC ELIGIBLE - MEDICAID/MEDICAID MANAGED CARE	

Showing 1 to 1 of 1 entries

Immunization

DEMOGRAPHICS

This will pull up the unmatched immunizations.



1. Click on the + under **Date**.
2. Click on **Immunization**.


This will bring you to the child's record where you will be able to see all the information on the vaccine given. If you find there was a mistake when reviewing this, correct the information in your EHR. Resend an HL7 message to correct the immunization and update the Electronic Decrementing.



# Electronic Decrementing: Reviewing your Corrections


You can review all corrections made when conducting your Reconciliation. You can do this in two different ways.  
The first way is to click on the **Action** dropdown for the vaccine that was corrected and then **Transactions**.

Vaccine Inventory Reconciliation  


Cancel Links  Update


Inventory Location: 1032 REFRIGERATOR 1

Description: \*  
APRIL 2019


Authorized By:  
GIERLA1, KIMBERLY (--) 

Status: \*  
OPEN
















Count Date: \*  
04/17/2019 

Count Time: \*  
12:34 PM 

Last Count Date/Time:

Last Order Date:  
MM/DD/YYYY 

Inventory by Doses

Description	Summary	Aggregate Administered	Physical Count	Inventory Difference	Acceptable Inv. Difference	Action
11. Hep A, ped/adol, 2D (Havrix (0.5 mL x 10 syr)) SKB • 58160-0825-52 • 3KT7B • 12/10/2020		<input type="text"/>	<input type="text"/>	-30		Action  
12. Hep A, ped/adol, 2D (Havrix (0.5 mL x 10 syr)) SKB • 58160-0825-52 • X34MF • 12/10/2020		<input type="text"/>	<input type="text"/>	-2		Action  
13. Hep A, ped/adol, 2D (Havrix (0.5 mL x 10 syr)) SKB • 58160-0825-52 • E53PX • 05/14/2021		<input type="text"/>	<input type="text"/>	-30		Action  
14. Hep B, adult (Engerix B (1 mL x 10 vials)) SKB • 58160-0821-11 • 3G535 • 01/24/2021		<input type="text"/>	<input type="text"/>	-10		Action  
15. Hep B, adult (Engerix B (1 mL x 10 vials)) SKB • 58160-0821-11 • 2NK52 • 02/20/2021		<input type="text"/>	<input type="text"/>	-10		Action  

Create Inventory Adjustment Transactions

# Electronic Decrementing: Reviewing your Corrections

A pop up will appear with all the transactions for this vaccine. You can see the -1 created by HL7. This was the matched and corrected dose from the Electronic Decrementing.

3LENDED PUBLIC CVP • Hep B, ped/adol (Engerix B (0.5 mL x 10 syr)) SKB • 58160-0820-52 • 69H24 • 07/03/2019

Transaction Inquiry ⓘ Cancel

Filter Options

Date Range  
Start Date: MM/DD/YYYY 📅 End Date: MM/DD/YYYY 📅

Transaction Type: ▼ Adjustment Reason: ▼ Reconciliation Bucket: ▼

Search ▼

Transaction Date	Transaction Type	Adjustment Reason	Quantity	Created By	Created Date
DATE	TYPE	REASON	QTY	NAME	DATE
04/04/2019, 12:00 AM	VACCINATION		-1	HL7	04/04/2019, 5:56 PM
04/03/2019, 1:55 PM	INV ADJ	ADD INITIAL INVENTORY	4	KIMBERLY GIERLA	04/03/2019, 1:55 PM

Showing 1 to 2 of 2 entries

← Previous 1 Next →

Comments ⓘ

Created from update on vaccination of Patient (33154) on 04/04/2019

OK

You can also see there is a comment for this transaction. When you click on the comment, it shows that the vaccine was updated.

# Electronic Decrementing: Reviewing your Corrections

The second way to check your correction is by hovering your cursor over the “Σ” icon in the Summary column next to the vaccine. You will see the number of corrected doses under **Inventory Administered**.

Inventory by Doses

Description	Summary	Aggregate Administered	Physical Count	Inventory Difference	Acceptable Inv. Difference	Action				
16. Hep B, adult (Engerix B (1 mL x 10 vial)) SKB • 58160-0821-11 • 033003 • 04/11/2021				-10		Action ▾				
Inventory Item Summary										
17. Hep B, ped/adol (Recombivax B (0.5 mL x 10 syr)) SKB • 58160-0820-52 • 69H24 • 07/03/2019	Last Count	Inventory Received	Inventory Administered	Inventory Transferred	Inventory Ret/Exp/Recalled	Inventory Wasted	Inventory Unaccounted	On-Hand Quantity	Auto Adjustments	Action ▾
18. Hep B, ped/adol (Recombivax B (0.5 mL x 10 syr)) SKB • 58160-0820-52 • 69H24 • 07/03/2019	Since Last Count									Action ▾
	Since Item Created	4	-1				3			
19. Hep B, ped/adol (Engerix B (0.5 mL x 10 syr)) SKB • 58160-0820-52 • 69H24 • 07/03/2019								-3		Action ▾
20. Hep B, ped/adol (Engerix B (0.5 mL x 10 syr)) SKB • 58160-0820-52 • 5327R • 03/15/2021								-13		Action ▾