



ImmuCast

Release Notes

v5.18.7.2



Support Services

For general support on this product, contact your system administrator or help desk. For up-to-date documentation, visit the STC Documentation Portal at <https://documentation.stchome.com/>.

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This documentation describes the following: ImmuCast 5.18.7.2 (and IWeb Forecaster) release notes

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Introduction

This release contains schedule changes that may affect the group of patients you select to be reforecasted. Detailed descriptions and test cases follow below in the ticket descriptions.

Please note that testing scenarios do not have a grace period applied.

Also note that Forecast, Forecaster, and ImmuCast are used interchangeably throughout this document.

Apply the Release

Apply the release by executing either the included `forecast.bat` or `forecast.sh` file. Prior forecast releases through version 5.18.1 should have already been applied. Log files, which are created in the same folder from where the release is executed, can be reviewed for errors. This release is only dependent upon previously applying v5.18.1. Versions 5.18.5 and 5.18.7 do not need to be applied. If those versions have already been applied, this release will replace them automatically.

To determine the current version of ImmuCast, execute this statement from SQLPlus:

```
SQL> select max(version) from h33_forecast_version where insert_stamp =  
(select max(insert_stamp) from h33_forecast_version);
```

If the version number returned is not 5.18.7.1, download and apply the previous releases prior to applying this. If the release prior to and including 5.18.1 releases were not applied, edit the `forecast.bat` file (or `forecast.sh` if applying the batch with the shell script) and uncomment any lines with a later version number than the version number returned by your query so that they can be applied to the database. Log files are created in the folder from where the release is executed and can be reviewed for errors.

For example, if the release for 5.18.7.1 was not applied, uncomment that line in the file to include it when the release is executed:

```
REM sqlplus H33ASIIS/ASIIS@SIIS @forecast_patch5_18_1.sql
```

For ImmuCast (Stand-Alone Forecaster)

After applying the release, restart Tomcat to enable and cache any new vaccine codes into memory.

For IWeb Only

The database should be reforecast when there have been multiple changes to forecasting. Please be aware that this can affect a large number of patients and is best accomplished over a weekend.

IWeb versions prior to 5.17.5.2: Patients that are marked for reforecasting may interfere with the immediate deduplication of HL7 messages, because patients belonging to a particular organization will also be picked up by that organization's immediate deduplication session. Reforecasting patients in IWeb version 5.17.5.2 or later will not affect the deduplication of HL7 messages.

If IWeb is hosted by STC, please contact the Help Desk to ask that the current v5.18.7.2_PreIWeb5.17.5.2_NeedsForecast.sql script included in this release be executed to mark patients for reforecasting. This will update the patients affected by this release. Non-STC hosted clients may perform these steps to mark patients for reforecasting.

After applying the database release, log in to SQLPlus as the H33ASIIS user. Execute the v5.18.7.2_PreIWeb5.17.5.2_NeedsForecast.sql script included with this release to flag the patients affected by this release for reforecasting.

If you desire to reforecast all patients, please execute the H33_MARK_FORECAST procedure (SQL> exec h33_mark_forecast) to flag patient records to be reforecast. The procedure may also be run for a specific birth date range. For IWeb 5.17.5.2 or later, forecasting is run during the regular nightly deduplication processes.

Patient Groups Affected by this Release – v5.18.7.2

If your database will be reforecast for this release, the following are patient ranges that we believe to be most affected by the changes in this release. You may wish to limit your reforecast to these ranges to limit the scope of your reforecast. Based on the information below, the range for reforecasting would be patients with a NULL value in DUE DATE for FAMILY CODE 1 or 24 (DTaP/Tdap/Td)

DTaP/Tdap/Td – Patient with NULL value in Due Date.

Ticket Details – 5.18.7.2

The following lists the detailed information about each of the tickets addressed in v5.18.7.2

Ticket #	Affects Client	Description									
FCAST-500 HDLA-1808	All	DTaP/Tdap/Td – In some cases, the Assume DTaP History setting resulted in a NULL value in patient due date for DTaP/Tdap/Td.									
		Scenario	DOB	Gender	Antigen	Vacc Date	Valid	Rec Date	Min Date	Past Due	Comments
		Assume DTaP History Setting = 17 yrs.	02/10/2007	M	DTaP- Unspec. (CVX 107)	04/17/2007	Y				
					DTaP- Unspec. (CVX 107)	07/09/2007	Y				
					DTaP- Unspec. (CVX 107)	09/10/2007	Y				
					DTaP- Unspec. (CVX 107)	09/10/2008	Y				
					DTaP- Unspec. (CVX 107)	02/09/2011	Y				
					Tdap (CVX 115)	07/24/2018	Y	07/24/2028	07/24/2023	08/23/2028	Td recommended 10 yrs from prev. dose
		Assume DTaP History Setting = 17 yrs.	03/11/2002	M	DTaP- Unspec. (CVX 107)	05/29/2002	Y				
					DTaP- Unspec. (CVX 107)	07/17/2002	Y				

			DTaP- Unspec. (CVX 107)	10/11/2002	Y				
			DTaP- Unspec. (CVX 107)	11/24/2003	Y				
			DTaP- HepB-IPV (CVX 110)	03/08/2006	Y				
			Tdap (CVX 115)	03/14/2013	Y				
			DTaP- Unspec. (CVX 107)	07/24/2018	Y	07/24/2028	07/24/2023	08/23/2028	Td recommended 10 yrs from prev. dose
Assume DTaP History Setting = 17 yrs.	11/24/2005	F	DTaP- HepB-IPV (CVX 110)	01/15/2006	Y				
			DTaP- Unspec. (CVX 107)	04/19/2006	Y				
			DTaP- Unspec. (CVX 107)	05/31/2006	Y				
			DTaP- Unspec. (CVX 107)	07/24/2009	Y				
			DTaP- Unspec. (CVX 107)	01/22/2010	Y				
			Tdap (CVX 115)	12/07/2016	Y	12/07/2026	12/07/2021	01/07/2027	Td recommended 10 yrs from prev. dose
Assume DTaP History Setting = 17 yrs.	12/12/1998	F	Tdap (CVX 115)	07/09/2016	Y	07/09/2026	07/09/2021	08/09/2026	Td recommended 10 yrs from prev. dose

Product Documentation

Product documentation is located on the STC Documentation Portal:
<https://documentation.stchome.com/>.

The following documents are available for this version of ImmuCast:

- ImmuCast 5.18.1 User Guide
- ImmuCast 5.18.7 Release Notes
- ImmuCast 5.18.7.1 Release Notes