



Synergy[™]

Student Information System

Synergy SIS[©]

Health

Administrator Guide



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ABOUT THIS MANUAL

Edupoint Educational Systems develops software with multiple release dates for the software and related documentation. The documentation is being released in multiple volumes to meet this commitment.

The table below lists the release date, software version, documentation volume number, and the content included in each volume of documentation to date.

Software and Document History

Date	Volume	Edition	Revision	Content
August 2009	1	1	1	Initial release of this document
March 2010	1	1	2	Updated to include changes from the November 2009 release and the February and March 2010 patches
June 2011	1	1	3	Update to include changes from the June 2011 release
February 2013	1	1	4	Updated to include changes from the February 2013 release
June 2013	1	1	5	Updated to the 8.0.1.1 release

CONVENTIONS USED IN THIS MANUAL

Bold Text

Bold Text - Indicates a button or menu or other text on the screen to click, or text to type.



Tip – Suggests advanced techniques or alternative ways of approaching the subject.



Note – Provides additional information or expands on the topic at hand.



Reference – Refers to another source of information, such as another manual or website



Caution – Warns of potential problems. Take special care when reading these sections.

BEFORE YOU BEGIN

Before installing any of the Edupoint family of software products, please be sure to rescreen the system requirements and make sure the district's computer hardware and software meet the minimum requirements. If there are any questions about the system requirements, please contact an Edupoint representative at (877) 899-9111.



Caution: The Edupoint family of software does not support the use of pop-up blockers or third-party toolbars in the browser used to access Synergy SIS. Please disable any pop-up blockers (also known as pop-up ad blockers) and extra toolbars in the browser before logging into any Edupoint product.

At any point, if there are any technical difficulties, please contact the Edupoint technical support team at support@edupoint.com or by phone at 1-877-899-9111 option 1.

Chapter One: OVERVIEW

In this chapter, the following topics are covered:

- ▶ Overview of the features of the Health screens
- ▶ Implementation considerations

OVERVIEW

The **Health** folder has screens that track where student immunizations records are entered and student health screening results are recorded. The Health folder can also record any health-related incidents and track student medications that need to be administered by school personnel. Alerts can be configured to warn staff in any screen in Synergy SIS when the student has a medical condition such as a food-related allergy or diabetes.

This manual illustrates how to setup and configure the Health-related screens contained in the Health folder. The security options available for the Health screens are also outlined. The companion manual to the Administrator Guide, *Synergy SIS – Health User Guide*, illustrates how to enter and modify the health information and print related reports.

To access the **Health** screen:

1. Open the **Synergy SIS Navigation Tree** by clicking on the Tree button.

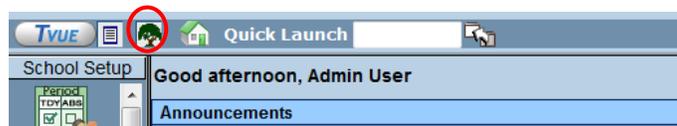


Figure 1.1 – Synergy SIS Navigation Tree

2. Expand the **Synergy SIS** folder by clicking on the blue triangle pointing right, next to the word Synergy SIS. Once clicked, the triangle will turn green and point downward.

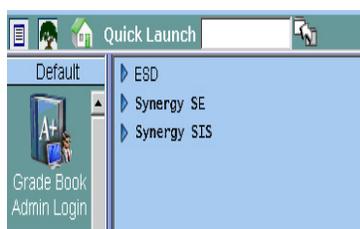


Figure 1.2 – Synergy SIS Folder

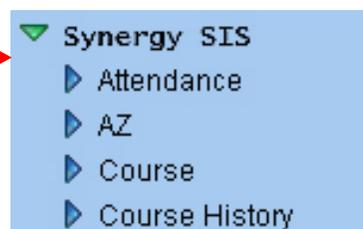


Figure 1.3 – Synergy SIS Folder Expanded

3. Under the Synergy SIS folder, open the **Health** folder by clicking on the blue triangle pointing right, next to the words Health. Once clicked, the triangle will turn green and point downward.



Figure 1.4 – Health Folder



Figure 1.5 – Health Folder Expanded

4. Click on the **Health** icon. The health screen will appear in the content pane on the right side of the screen.



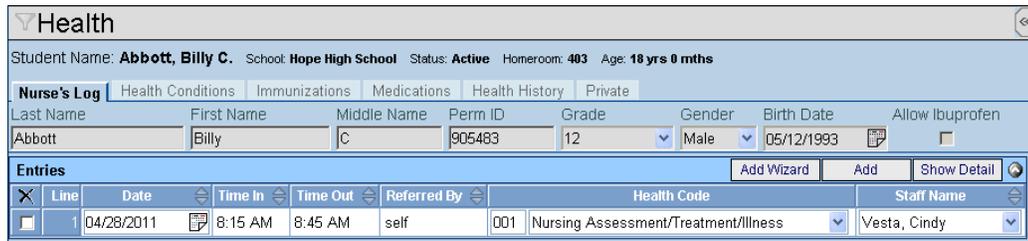
Figure 1.6 – Health Screen Icon



Note: In the rest of the manual, the location of a screen or report in the Navigation Tree (also referred to as the PAD tree) is indicated using “>”. The example above is indicated as **Synergy SIS > Health**. This means go to the Navigation Tree, click on the Synergy SIS folder, and then click on the Health folder.

The screens that are configured in this guide are:

The **Health** screen logs any visits to the nurse, records any health conditions the student may have, and tracks the student’s immunizations. It can also track any medications or procedures that school personnel need to administer to the student.



Line	Date	Time In	Time Out	Referred By	Health Code	Staff Name
1	04/28/2011	8:15 AM	8:45 AM	self	Nursing Assessment/Treatment/Illness	Vesta, Cindy

Figure 1.7 – Health Screen

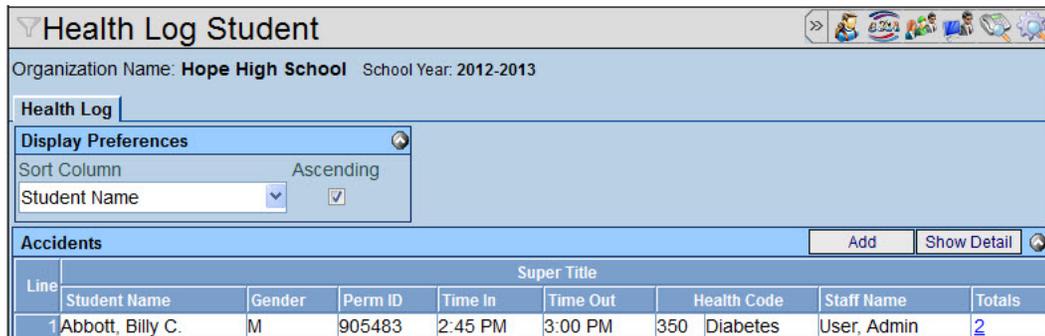
The **Health Log Other** screen records health-related incidents that involve non-students.



Line	Time In	Time Out	Patient Name	Health Code	Staff Name
1	8:15 AM	9:45 AM	Abbott, Billy	005 Nursing Assessment/Treatment/Injury	Vesta, Cindy

Figure 1.8 – Health Log Other Screen

The **Health Log Student** screen records health-related incidents for a single day.



Line	Student Name	Gender	Perm ID	Time In	Time Out	Health Code	Staff Name	Totals
1	Abbott, Billy C.	M	905483	2:45 PM	3:00 PM	350 Diabetes	User, Admin	2

Figure 1.9 – Health Log Other Screen

The **Health Screen** screen records the results of screening tests for tuberculosis, vision, hearing, scoliosis, a general physical, and dental.

Health Screen
 Student Name: **Abbott, Billy C.** School: **Hope High School** Status: **Active** Room Name: **403**

Tuberculosis | Vision | Hearing | Scoliosis | General Health | Dental

Last Name: **Abbott** First Name: **Billy** Middle Name: **C** Suffix: Perm ID: **905483** Grade: **12** Gender: **Male**

Tuberculosis Skin Test

Type: **PPD-Mantoux** Date Given 1: **07/31/2008** Date Read 1: **08/03/2008** mm Induration 1: **0** Impression 1: **Negative**

Type: **PPD-Mantoux** Date Given 2: **07/30/2010** Date Read 2: **08/04/2010** mm Induration 2: **8** Impression 2: **Positive**

Waiver: Waiver Date:

Tuberculosis Chest X-Ray

Xray Film Date: **02/10/2011** Xray Impression: **Abnormal**

Tuberculosis Medication

Medication Prescribed: Medication:

Medication Start Date: Medication End Date:

Free of communicable Tuberculosis: **Yes, Person is free of communicable Tuberculosis**

Figure 1.10 – Health Screen Screen

The **Health Screen By Section** screen allows the screening results for tuberculosis, vision, hearing, scoliosis, a general physical, and dental to be screened and entered by section.

Health Screen By Section
 Section ID: **1077** Course Title: **Am Govt** School Year: **2010-2011**

Tuberculosis | Vision | Hearing | Scoliosis | General Health | Dental

Section ID: **1077** Course ID: **SS51** Course Title: **Am Govt** Staff Name: **Jackson, Kathy** Room Name: **216**

Filter
 Hide Students With Tuberculosis Records

Tuberculosis Exam

Line	Student Name	Perm ID	Grade	Gender	Type 1	Date Given 1	Date Read 1	mm Induration 1	Impression 1	Waiver	Waiver Date
1	Abbott, Billy C.	905483	12	M	PPD-Mantoux	07/31/2008	08/03/2008	0	Negative		
2	Addington, Paula M.	871686	12	F							
3	Coleman, Jose L.	874305	12	M							
4	Cooley, Carolyn A.	922759	12	F							
5	Crum, Richard J.	872047	12	M							

Figure 1.11 – Health Screen By Section Screen

The **Individual Healthcare Plan** screen lists all the Healthcare Plans that have been created to manage a student’s chronic or long-term health issues.

Individual Healthcare Plan
 Student Name: **Abel Jones Holbrook, Albert Joseph R.** School: **Hope High School** Status: **Active** Room Name: **128**

Student
 Last Name: **Abel Jones Holbrook** First Name: **Albert Joseph** Middle Name: **Ryan** Suffix: Perm ID: **132683** Grade: **12** Gender: **Male**

Healthcare Plan

Line	Plan Name	Plan Start Date	Plan End Date	Written By	Medical Diagnosis	Nursing Diagnosis	Plan Details
1	Manage chemo side	02/18/2013	06/07/2013	User, Admin	Safety	Health maintenance, altered	Show Details

Figure 1.12 – Individual Healthcare Plan Screen

The **Medication and Service Monitor** screen lists all medications and procedures that need to be administered to students on a given date, based on the medications and procedures recorded in the Health screen for each student.

Line	Photo	Student Name	SIS Number	Date and Time	Grade	Medication and Service	Units	Dosage	Administered	Administered By	Administered Note	Medication and Service Note	Total Admin Time
1		Alford, Emily C.	905483	04/27/2011 1:00 PM	12	Insulin Test	1.00						

Figure 1.13 – Medication and Service Monitor Screen

IMPLEMENTATION CONSIDERATIONS

Most states require that schools track and verify student immunizations. To setup and configure the **Student Immunization** data, collect the state immunization guidelines to get a list of required immunizations. The CDC also provides a guide on recommended vaccination schedules.

Synergy SIS can also track other **Health** information, such as screening data for scoliosis, vision, dental, and tuberculosis. It can also track any student or staff health-related incidents and generate an Accident Report that can be sent home to the student's parents. To setup this section, gather a list of health screenings administered by the school and the tests used. The district will also need to create the format for the Accident Report. A sample report is provided in Chapter Four.

BEFORE STARTING

Throughout the Health screens, there are several drop-down lists with pre-selected values. These values are stored in a lookup table, with a separate table for each list. Some lookup tables may be modified to match the needs of the district. The lookup tables that can be modified by the school district are listed below. The values used by these tables need to be gathered before setting up the Health screens as outlined in this guide.

Lookup Table Name	Description
Accident Activity	a list of possible activities the person was engaged in when the accident occurred
Accident Location	a list of possible locations where the accident occurred
Action Taken	a list of possible actions
Administered	the status of the scheduled administration of medication
Audio Aid	a list of possible devices used to aid the student's hearing
Audio Folder	a list of possible folders used to store the audio screen results
Audio Screen Reason	a list of the reasons an audio screen is conducted
Clinical Code	the code indicating the treatment administered
Color Deficiency	this list could be setup as a list of the three possible color blindness conditions , or as a pass/fail list to indicate if the student passed the color deficiency test
Condition Code	
Dental Assessment	possible reasons that a dental exam requirement is waived
Equipment	
Exam Results	
Exemptions	the list of reasons why a student may be exempted from the vaccination requirements
Eye Exam	the list of possible vision acuity measures
Frequency Type	
Health Code	the code indicating the type of health incident
Health Conditions	the list of possible serious health conditions
Health Type of Record	
Hearing Exam	
Immittance Class	a list of the overall results of the hearing exam
Incident Code	
Incident Notification List	A list of
Individual Test	
Injury	
Interval Type	
Intervention Codes	
Med Procedure	
Medical Diagnosis	
Medication or Service	a list of medication or that are administered to students by school personnel
Medication Prescribed	a list of the medications prescribed as the result of a positive tuberculosis test, or a list of the status of a prescription
Medication Type	the type of medication administered
Otosopic Observation	
Overall Status	
Procedure	a list of medical procedures administered by school personnel
Referral (Hearing)	the referral list could indicate the external agency to where the student was referred, or the source of a referral for a hearing screening
Referral (Vision)	typically setup up as either Yes or No, the referral list could also indicate the external agency to where the student was referred, or the source of a referral
Route of Admin	the method by which the medication is administered
TB Disease Status	the overall tuberculosis status of the student
TB Result	
TB Waiver	

Treatment Urgency	a list of the follow-up treatments based on the results of the dental exam
Tympanogram Type	a list of the possible types of hearing tests used
Vaccination Code	
Vaccination SIS Code	
Vaccination State Code	
Vision Aid	the list of possible corrective lenses used by the student to correct their vision
Vision Screen Reason	
Waiver	the reasons a tuberculosis test is waived
X-ray Result	

Chapter Two: HEALTH SCREEN SETUP

In this chapter, the following topics are covered:

- ▶ How to setup the Immunization Definition
- ▶ What lookup tables need to be setup for the Health screen

LOOKUP TABLES FOR IMMUNIZATION DEFINITION

Prior to setting up the immunization requirements, there are a number of lookup tables that need to be defined. These tables are used during the setup process. The lookup tables may be modified by using the **Lookup Table Definition** screen. To modify a lookup table's values:

1. Go to the **Lookup Table Definition** screen, found under Synergy SIS > System > Setup.
2. **Find the table** that needs to be changed by clicking on the triangles next to each node. Most of the lookup tables for the Immunization Definition screen are found under the node K12.Setup.
3. Once the table is located, click the **Add** button to add a new code.

Name: **Vaccination SIS Code** Namespace: K12.Setup Locked: N
 Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code

X	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Year Start	Year End
<input type="checkbox"/>	10	01	Polio	01					
<input type="checkbox"/>	20	02	Diph	02					
<input type="checkbox"/>	30	03	DTTD	03					
<input type="checkbox"/>	40	04	MMR	04					
<input type="checkbox"/>	50	05	HIB	05					
<input type="checkbox"/>	60	06	HEP B	06					
<input type="checkbox"/>	70	07	HEP A	07					
<input type="checkbox"/>	80	08	Varicella	08					

Figure 2.1 – Vaccination SIS Code Lookup Table

4. A defined order can be set by entering the order number in the **ListOrder** column. Otherwise, the values are sorted in alphanumeric order by the Description field. If the numbers in the ListOrder field are the same, the Description is used for sorting.
5. Enter a code for the item in the **Code** column. This value must be unique since it is used to link the tables in the database and it is displayed in the drop-down list.
6. Enter the description of the code in the **Description** column.
7. The **Other SIS** column is used to import data during the conversion process from another student records system. Enter the code used in the old system in this column.
8. If appropriate, a start date and end date may be entered for the code in the **Status** column to activate or deactivate the code for a particular year. If a code is inactive, it shows in data already entered but it is not available for selection for new records. For example, if a code is no longer valid for records beginning FY2011, select 2011 for the end year.
9. The **State Code**, **Alt Code 3**, and **Alt Code SIF** are not needed since this information is not uploaded to the state. The checkbox at the top of the table **Use Code as the State Code** is not used as well.
10. Click the **Save** button at the top of the screen to save the changes.

To delete a code, click the box under the **X** column, and click the **Save** button at the top of the screen.

On the Immunization Definition screen, the detailed screen for each immunization uses the following lookup tables:

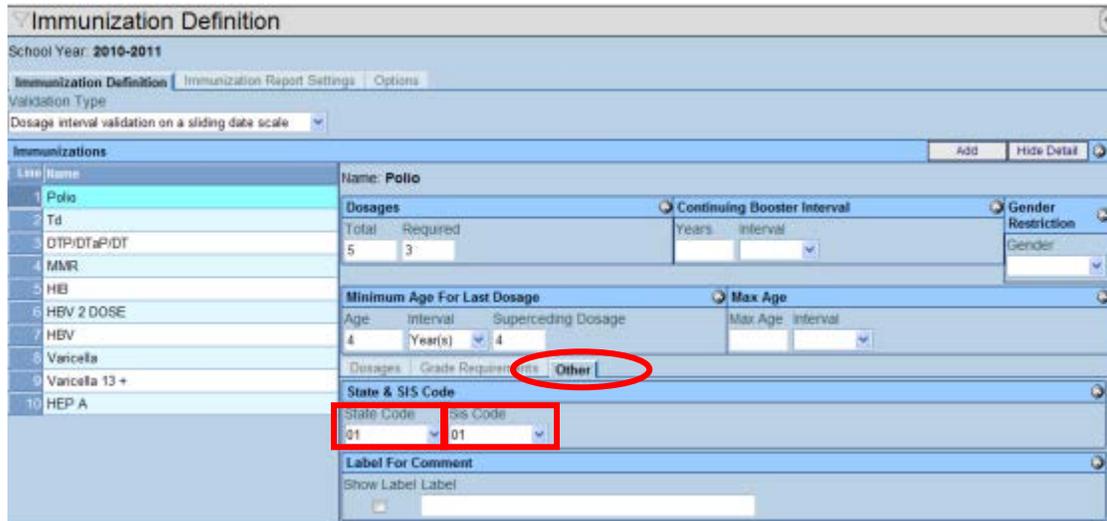


Figure 2.2 – Immunization Definition Screen, Detailed
 Figure 2.3 – Vaccination Dosage Interval Lookup Table

- SIS Code** – a list of all of the immunizations required and the code used by the previous student information system (SIS) for the immunization. This table is used only during the Generic Conversion process. The lookup table is located under **K12.Setup**, and the table name is **Vaccination Sis Code**. For this table, the code used by the previous system must be entered into the Other SIS column.

Name: Vaccination Sis Code Namespace: K12.Setup Locked: N										
Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code										
Lookup Values										
	Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 1	Alt Code SF	Status	
	1	0	01	Polio	01					
	2	0	02	Diph	02					
	3	0	03	DITD	03					
	4	0	04	MWR	04					
	5	0	05	HB	05					
	6	0	06	HEP B	06					
	7	0	07	HEP A	07					
	8	0	08	Varicella	08					

Figure 2.4 – Vaccination SIS Code Lookup Table

- State Code** – a list of all of the immunizations required by the state and the code used by the state for uploading information. The lookup table is located under **K12.Setup**, and the table name is **Vaccination State Cod**.

Name: **Vaccination State Cod** Namespace: **K12.Setup** Locked: **N**

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code

Lookup Values Add

X	Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
									Year Start	Year End
<input type="checkbox"/>	1	0	01	Polio		01				
<input type="checkbox"/>	2	0	02	Diphth		02				
<input type="checkbox"/>	3	0	03	DTTD		03				
<input type="checkbox"/>	4	0	04	MMR		04				
<input type="checkbox"/>	5	0	05	HIB		05				
<input type="checkbox"/>	6	0	06	HEP B		06				
<input type="checkbox"/>	7	0	07	HEP A		07				
<input type="checkbox"/>	8	0	08	Varicella		08				
<input type="checkbox"/>	9	0	09	PCV7		09				
<input type="checkbox"/>	10	0	10	TDAP		10				
<input type="checkbox"/>	11	0	11	MCV		11				
<input type="checkbox"/>	12	0	12	TB Skin Test		12				
<input type="checkbox"/>	13	0	13	HPV		13				

Figure 2.5 – Vaccination State Code Lookup Table



Caution: The **Vaccination State Cod** table is also used by the **HLT204 – California School Immunization Report** and the **HLT212 – Arizona Immunization Report**, among others. For the reports to work correctly for Arizona and California, this table must be setup with the appropriate values. Once the lookup table is setup, the codes must be mapped to each vaccination definition as outlined in the next section of this guide.

Oregon users, please refer to the State of Oregon User and Administrator Guide for OR vaccination codes.

Arizona Vaccination Codes

Code	Description	State Code
01	Polio	01
02	Diphth	02
03	DTTD	03
04	MMR	04
05	HIB	05
06	HEP B	06
07	HEP A	07
08	Varicella	08
09	PCV7	09
10	TDAP	10
11	MCV	11
12	TB Skin Test	12
13	HPV	13

California Vaccination Codes

Code	Description	State Code
01	Polio	01
02	DT/Td	02
02A	DTP/DtaP/Tdap	02A
03	MMR	03
04	HIB	04
08	HEP B	08
09	Hep A	09
10	Varicella (Chicken Pox)	10

IMMUNIZATION DEFINITION SETUP

Once all of the lookup tables have been setup, the immunization requirements can be defined. To setup the immunization requirements:

1. Go to the **Immunization Definition** screen, found under Synergy SIS > Health > Setup.

The screenshot shows the 'Immunization Definition' screen for the school year 2010-2011. The 'Validation Type' is set to 'Dosage interval validation on a sliding date scale'. Below this is a table for 'Immunizations' with columns: Line Name, Sequence, Dosages (Total, Required), Minimum Age For Last Dosage, Continuing Booster Interval, and Gender. The table is currently empty.

Figure 2.6 – Immunization Definition Screen

2. Select how immunizations will be checked to see if they meet the requirement from the Validation Type drop-down. To check the number of doses and the dates on which the doses were given, select **Dosage Interval Validation on a Sliding Date Scale**. To only check the number of doses, select **No Interval Validation**.
3. Click on the **Add** button to add a required immunization, and a new blank line appears in the Immunizations section.

The screenshot shows the 'Immunization Definition' screen with a new entry added to the 'Immunizations' table. The entry is for 'Polio' with the following details:

Line Name	Sequence	Dosages		Minimum Age For Last Dosage	Continuing Booster Interval	Gender
		Total	Required			
Polio	1	5	3	4	Year(s)	

Figure 2.7 – Immunization Definition Screen, Adding an Immunization

4. Enter the name of the immunization in the **Name** column.
5. The **Sequence** number controls the order in which the immunizations are displayed on the screen, from lowest to highest number.
6. Enter the number of possible dosages in the **Total** column, and the minimum number of dosages that are required in the **Required** column. For example, the Polio vaccine required 3 doses, but if the last dose was not given to the student when they were 4 years old or older they require 4 doses. For polio, the total dosages would be 4 and the required dosages would be 3.
7. If the last dosage of a vaccine must be given at a certain age or older, enter the number and time unit in the **Minimum Age for Last Dosage** column. The number is entered in the first box, and the time unit (Day, Week, Month, Year) is selected from the drop-down list. For example, the last dose of polio must be given to the student when the student is 4 years or older. For polio, enter 4 in the first box and select Year(s) from the drop-down list.
8. If the vaccine requires a booster every so many years, enter the number and time unit in the **Continuing Booster Interval** column. For example, some states require a Tdap booster every 5 years. For Tdap, enter 5 in the first box and select Year(s) from the time unit drop-down list.

9. To add another immunization, click the **Add** button to add another line and fill in the needed information. Continue adding lines until all immunizations have been entered. To delete an immunization, check the box in the **X** column.
10. Click the **Save** button at the top of the screen to save the immunization definitions.

Some immunizations have more complicated requirements. To enter more information about the immunization requirement:

1. Click the **Show Detail** button, and select the immunization to modify on the left hand side of the screen by clicking on it.

The screenshot shows the 'Immunization Definition' screen for the school year 2010-2011. The immunization selected is 'Polio'. The 'Dosages' section shows a total of 5 doses, with 3 required. The 'Continuing Booster Interval' is set to 4 years. The 'Minimum Age For Last Dosage' is 4 years, and the 'Max Age' is also 4 years. The 'Grace Period' section shows 5 dosages with their respective sequences, intervals, and grace periods.

Line	Sequence	Interval	Grace Period
1	1	6	4
2	2	4	4
3	3	4	4
4	4	4	4
5	5		

Figure 2.8 – Immunization Definition Screen, Detailed Screen

2. The **Dosages** and **Continuing Booster Interval** sections are the same information as shown in the main part of the screen.
3. The age and interval of the **Minimum Age for Last Dosage** is also the same information from the main part of the screen.
4. If the student did not meet the minimum age for last dosage requirement, but the requirement can be met by taking a different number of dosages, enter the number of dosages that overrides the minimum age requirement in the box labeled **Superseding Dosage**. For example, if a student was younger than 4 years when they received their last polio dose, they can still meet the requirement if they have 4 doses instead of 3.
5. If the student has to complete the final dose of the immunization requirement by a certain age, enter that age in the **Max Age** section. Enter the number in Max Age box and select the time unit from the Interval drop-down list. For example, some states require students to receive a varicella vaccination before they turn 13. For the varicella vaccination, enter 13 in the Max Age box and select Year(s) from the Interval drop-down list. **Note that Max Age does not work unless a minimum age has also been entered.**

- The **Dosages** grid outlines the recommended schedule of dosages needed for the immunization. If all other requirements are met, the student will still be listed as compliant if their dosages do not match this schedule. However, it does display a schedule for the student based on their birth date so that their dosage schedule can be manually checked, as shown below.

Dosages					
Line	Date	Due By	Override Compliance	Status	Comment (Source)
1	02/02/2004	06/23/1993	<input type="checkbox"/>		
2	01/28/2006	03/01/2004	<input type="checkbox"/>		
3	03/03/2007	02/25/2006	<input type="checkbox"/>		
4	04/04/2008	03/31/2007	<input type="checkbox"/>		
5	05/06/2009		<input type="checkbox"/>		

Figure 2.9 – Student Dosage Schedule

- A blank line is already displayed for each possible dose entered in the Total field. To enter the dosages schedule, enter the number and select the time unit from the drop-down list in the **Dosage Period** column. All dosage periods are based on the student's birth date as entered in the Student screen. For example, according to the CDC schedule, all students should receive the first dose of the MMR vaccine at age 12 to 15 months. Therefore, the first sequence number would be set to 1 year (or 12 months) after birth, and the Grade Period would be set to 3 months (12 months + 3 months equals 15 months). The second dose should be given at 4 to 6 years old, but at a minimum of 4 weeks after the first dose. The second sequence would then be set to 4 weeks after prior dosage, with a grace period of 5 years. The **Grace Period** is the permissible time after the scheduled dosage when the vaccine can still be administered.

Dosages						
Line	Sequence	Dosage Period			Grace Period	
		Duration	Type	Duration	Type	
1	1	6	Week(s)	after birth	4	Day(s)
2	2	4	Week(s)	after prior dosage	4	Day(s)
3	3	4	Week(s)	after prior dosage	4	Day(s)
4	4	4	Week(s)	after prior dosage	4	Day(s)
5	5			after prior dosage		

Figure 2.10 – Dosages Schedule

- Click the **Save** button at the top of the screen to save the changes.

Sometimes, as new immunization requirements are phased in, some vaccines are only required for certain grade levels. For example, in some states the meningococcal vaccine is only required for 6th and 7th grade students. To setup a grade level-specific immunization requirement:

1. Click the **Show Detail** button, and select the immunization to modify on the left hand side of the screen by clicking on it.
2. Click on the **Grade Requirements** tab in the detailed screen.

Immunization Definition
School Year: 2010-2011
Immunization Definition | Immunization Report Settings | Options
Validation Type
Dosage interval validation on a sliding date scale

Immunizations [Add] [Hide Detail]

Name: Meningococcal

Dosages [Continuing Booster Interval] [Gender Restriction]

Total Required: 1 1
Years Interval: 11

Minimum Age For Last Dosage [Max Age]

Age Interval Superseding Dosage: 11
Max Age Interval: 13

Grade Level Requirements

Line	Grade	Dosage	Minimum Age For Last Dosage	Superseding Dosage	Continuing Booster
					Years Interval
1	PS				
2	K				
3	01				
4	02				
5	03				
6	04				
7	05				
8	06	1			
9	07	1			
10	08				
11	09				
12	10				
13	11				
14	12				
15	12+				

Figure 2.11 – Immunization Definition Screen, Detailed Screen, Grade Requirements Tab

3. In the **Grade Level Requirements** section, enter the required number of doses for each grade in the **Dosage** column.
4. If the last dosage of a vaccine must be given at a certain age or older, enter the number and time unit in the **Minimum Age for Last Dosage** column for each grade. The number is entered in the first box, and the time unit (Day, Week, Month, Year) is selected from the drop-down list.
5. If the student did not meet the minimum age for last dosage requirement, but the requirement can be met by taking a different number of dosages, enter the number of dosages that overrides the minimum age requirement in the **Superseding Dosage** column for each grade.
6. If the vaccine requires a booster every so many years, enter the number and time unit in the **Continuing Booster Interval** column for each grade.
7. Click the **Save** button at the top of the screen to save the changes.

For immunizations that have varying requirements across ages and grades, it may be necessary to separate the requirements into two immunization definitions to capture all of the requirements needed. These definitions can then be grouped together to capture the overall compliance with the requirements. For example, the requirement for the varicella vaccine in some state is 1 dose if it is given to the student before they are 13, or 2 doses if the first dose was given at 13 years of age or later. To create an immunization grouping:

1. Enter the vaccination requirement in the Immunizations grid in two or more separate requirements. For example, the Varicella requirements would be entered as one requirement for students younger than 13, and one requirement for students 13 years or older.

Line	Name	Sequence	Dosages		Minimum Age For Last Dosage	Continuing Booster Interval	Gender
			Total	Required			
2	Varicella	2	1	0	12	Year(s)	
3	Varicella 13 +	3	2	0			

Figure 2.12 – Immunization Definition Screen

2. Once the requirements are entered, a grouping can be created to make sure the student met one of the requirements. To create a grouping, click the **Add** button in the Immunization Groups section at the bottom of the screen.

Line	Group Name	Group Type	Merge Data Type
1	DTP/Id	Combined	<input type="checkbox"/>
2	HBV	Individually	<input type="checkbox"/>
3	Varicella	Individually	<input checked="" type="checkbox"/>

Figure 2.13 – Immunization Definition Screen, Groups

3. In the blank line that is added, enter the overall name for the requirement in the **Group Name** column.
4. Select the type of grouping to be used from the **Group Type** drop-down. If the student can meet one of the individual requirements in the group to be considered compliant, select **Individually**. For example, with the Varicella requirement, the student can meet either the requirement for students who received the vaccine prior to age 13 or the requirement for students who took the vaccine at age 13 or older.
5. If the dosages taken for each requirement can be substituted for each other in the grouping, select the **Group Type** of **Combined**. For example, a student is required to take 4 dosages of either the DTaP, DTP, or DT vaccine. Each vaccine could be listed separately, and if the student takes a combined total of 4 of the 3 types of vaccines, they are considered compliant.
6. To merge the definitions on the Immunizations tab of the Health screen so that only 1 line appears for all of the definitions in the group, check the box labeled **Merge Data Type**. If data has already been entered for the definitions, they cannot be merged. The individual definitions will still be monitored for compliance and will still

appear separately on the Immunization Definition. This works best for vaccines such as the Varicella vaccine where each definition references the same vaccine, but the requirements are different either by age or by grade.

7. Click the **Save** button at the top of the screen to save the new grouping.
8. To select which definitions are parts of the group, click the **Show Detail** button and click on the group on the left-hand side of the screen.

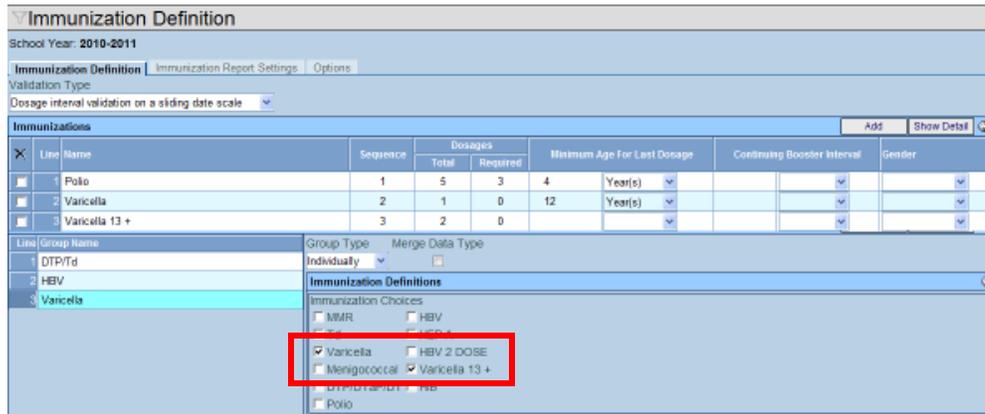


Figure 2.14 – Immunization Definition Screen, Group Detail

9. Check the box in front of each definition to include in the group.
10. Click the **Save** button at the top of the screen to save the changes.

If vaccination information must be uploaded to the state or if the district plans to a state immunization record state immunization record report, each definition must be mapped to a state vaccination code. Each definition must also be mapped to a SIS code to be used to convert data from a previous student information system. To define these codes:

1. Click on the **Show Detail** button in the Immunizations section, and click on the **Other** tab in the detailed screen of each immunization.

The screenshot shows the 'Immunization Definition' screen for the school year 2010-2011. The 'Immunizations' list on the left includes Polio, Td, DTP/DTaP/DT, MMR, HB, HBV 2 DOSE, HBV, Varicella, Varicella 13+, and HEP A. The 'Polio' definition is selected, showing details such as 'Total' (5) and 'Required' (3) dosages. The 'State & SIS Code' section is highlighted with a red box, showing 'State Code' set to '01' and 'SIS Code' set to '01'. The 'Label For Comment' section is also highlighted with a red box, showing 'Show Label' checked and 'Label' set to 'Label'.

Figure 2.15 – Immunization Definition Screen, Detailed Screen, Other Tab

2. Select the **State Code** from the drop-down list for the immunization definition selected on the left. This code will be used to upload the data to the state.
3. Select the **SIS Code** from the drop-down list for the immunization definition selected on the left. This code will be used to convert the data from another student information system software package.
4. To change the name of the Comment column displayed in the detailed screen of the definition selected on the Immunizations tab of the Health screen, check the box **Show Label**, and enter the new text to be displayed in the **Label** box.
5. Click the **Save** button at the top of the screen to save the changes.
6. Click on a different definition on the left-hand side of the screen to select the codes and repeat steps 2 through 5 for each definition.

Some school districts may require that their immunizations have customized definitions to capture all of the requirements needed. The **Immunization Definition** screen enables users to create custom rules to validate that students are compliant with their immunizations. To create custom immunization definitions:

1. Navigate to Synergy SIS > Health > Setup > Immunization Definition.

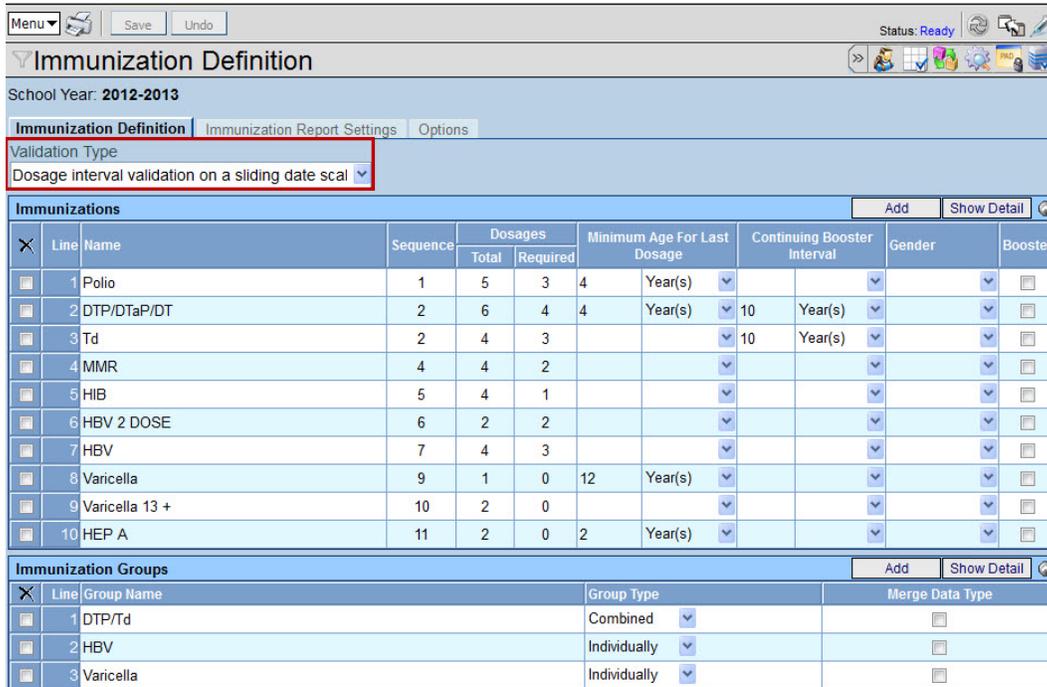


Figure 2.16 Immunization Definition screen - Immunizations Definition tab

2. In the **Validation Type** field, select the **Custom validation rules** option.

NOTE: When you select **Custom validation rules**, previously defined immunizations, sequences, and total dosages appear.

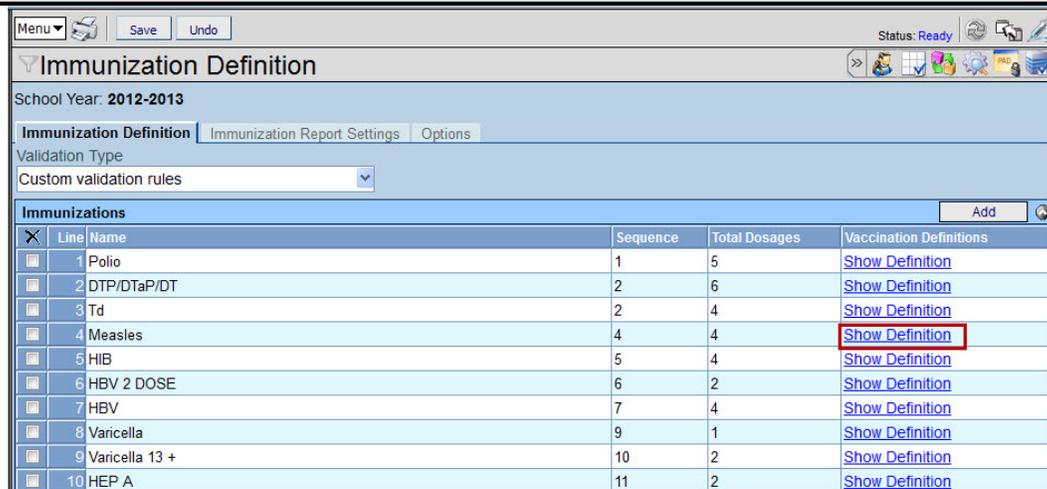


Figure 2.17 Immunization Definition screen - Show Definition

3. Select an immunization from the **Immunization** grid and click on the **Show Definition** link. The **Immunization Rule Definition** screen displays.

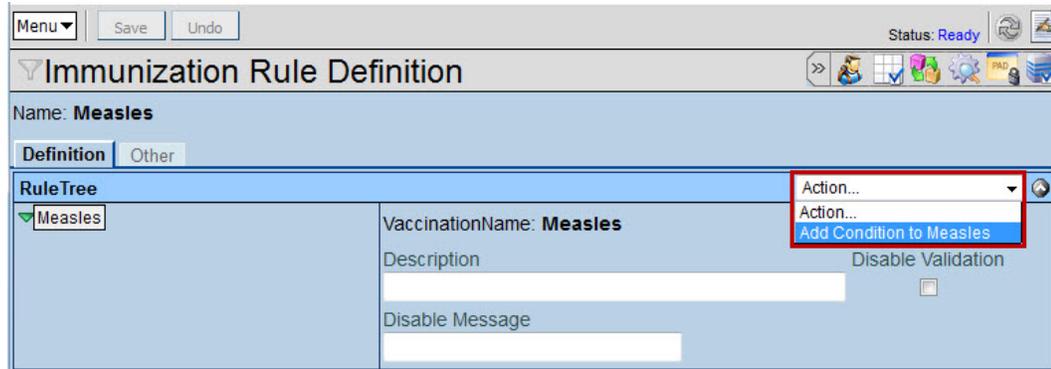


Figure 2.18 Immunization Rule Definition - Add Condition

4. Select the primary node under the **Rule Tree**.
5. Select the Add Condition to (primary node) option from the Action menu. The Vaccination Condition Definition screen opens.

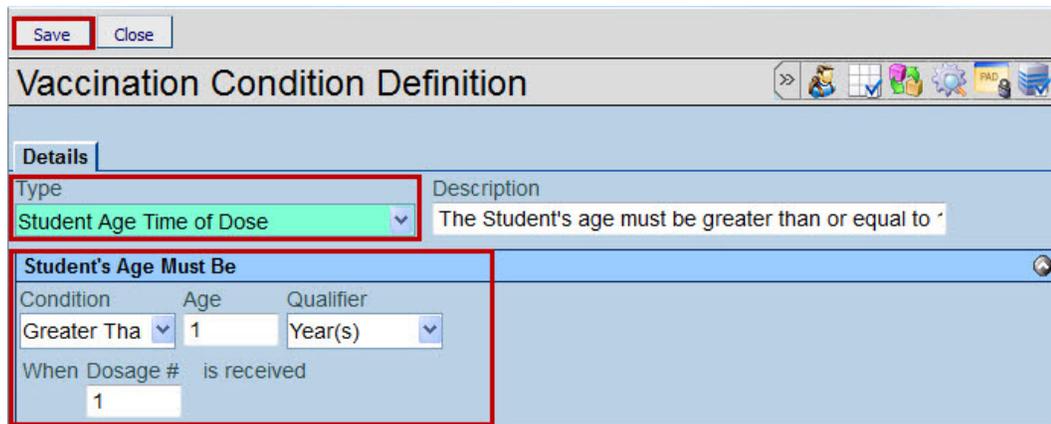


Figure 2.19 Vaccination Condition Definition



NOTE: A node may have only one Condition, and multiple Actions.

When a condition is defined, a **True** and a **False** node also are created. Each **True** or **False** node may have one condition defined and many actions.

6. Select the condition type in the **Type** field. The Types available are:
 - **All Dosage Dates Condition** – sets a specific message if a dosage date for the immunization equals the value entered.
 - **All Dosage On Or After Birthday** – sets a specific message if not all dosages have been entered on or after the student's date of birth.
 - **At Least 1 Dose After Age** – sets that a student must have at least one dosage in any immunization after the time frame entered.
 - **Dosage Date** –allows a dosage interval to be set based upon the date of evaluation. The date of evaluation is the current date.
 - **Dosage Exists** –states the dose exists.

- **Interval Between Dosages** – sets an interval of time between two doses.
 - **Other Vaccination Compliance** – Allows one series of immunizations to force compliance for another. For example, if DTAP and TDAP are listed separately, this condition could be used to show the TDAP is compliant if DTAP is compliant and no dates are present for TDAP.
 - **Student Age Time of Dose** – states an age interval for a given dose.
 - **Student Age Today** – defines the age interval used in evaluation. The date of evaluation is the current date.
 - **Student Grade Level** – defines the Grade condition a student must meet.
 - **X Number of Dosages In Separate Month** - sets a message if more than the specified number of doses are entered in the same month for the same immunization
7. Enter the condition details in the appropriate fields. (The fields displayed vary based on the condition type selected.)
- **Description** – text in this field overrides the system-generated description.
 - **Dosage #** – the specific dosage within a series of doses.
 - **Vaccination** – the specific vaccination.
 - **Condition** – This determines how to calculate the Interval.
 - Equal
 - Greater
 - Greater than or Equal
 - In (Include)
 - Less
 - Less than or Equal
 - **Amount** – the value used with the Qualifier and Condition.
 - **Age** – the specified age of a student used in calculations.
 - **Value** – the specific grade value used with the Student Grade Level condition.
 - **Qualifier**
 - Day(s)
 - Month(s)
 - Year(s)
 - **Date** – The specified date a condition must meet.
 - **Message** – text entered display on the Student dosage status and the Vaccine status.
 - **Compliance**
 - Compliant

- o Exempt
 - o Not Compliant
 - o Not Required
 - o Up to Date
8. Click **Save**. The condition and the **True** and **False** nodes appear under the main node on the **Rule Tree**.

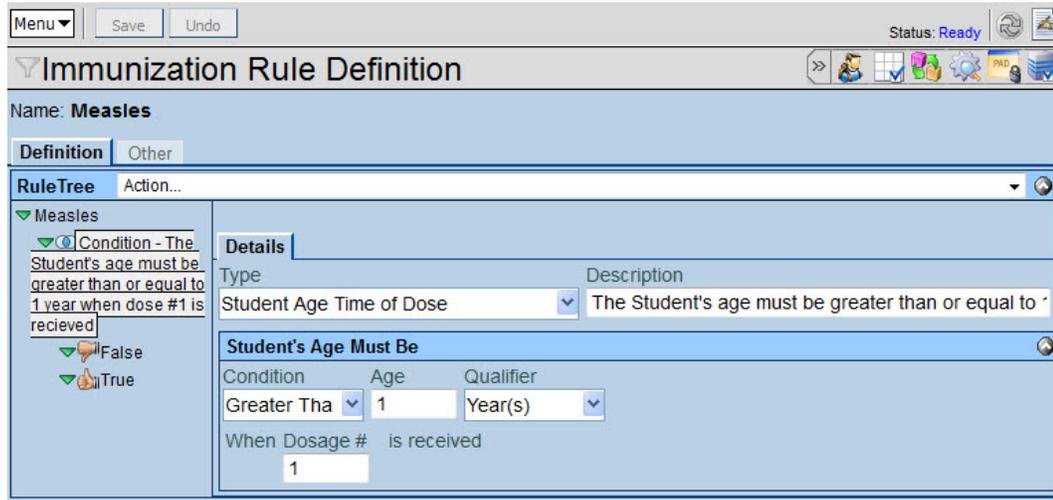


Figure 2.20 Immunization Rule Definition screen

9. Select the **False** node.

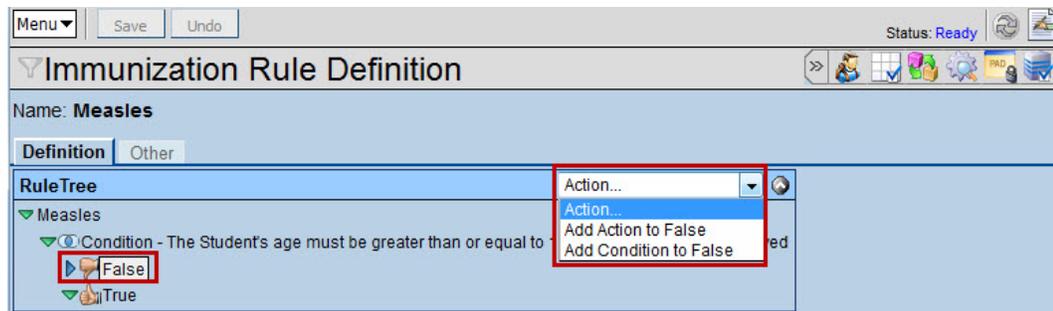


Figure 2.21 Immunization Rule Definition screen - Add Action

10. Select the **Add Condition to False** option from the **Action** menu. The **Vaccination Condition Definition** screen opens. Follow steps five through eight outlined above to add a condition.

OR

Select **Add Action to False**. The **Vaccination Action Definition** screen opens. Follow the steps below to add an action.

The screenshot shows a web-based form titled "Vaccination Action Definition". At the top, there are "Save" and "Close" buttons. Below the title bar, there are navigation icons. The "Details" tab is active. The "Type" dropdown menu is open, showing "Set Dosage Status" selected. Below this, the "Set" section is visible, containing a "Dosage # Status To Result" table with one row: "1" in the dosage field and "Insufficient" in the status dropdown. Below the table is a text field for the message, containing "Incomplete - Dose #1 Due.".

Figure 2.22 Vaccination Action Definition

11. Select the action type in the **Type** field. The Types available are:
 - **Set Dosage Due Date** – defines the interval between dosages. As an example dose #2 due 2 months after dose #1 is received.
 - **Set Dosage Status** – sets a specific dosage with a specific result and message. As an example dose #2 set to Not Compliant and the message set to Incomplete.
 - **Set Other Vaccination Compliance** – Sets the series of immunizations to force compliance for another. For example, if DTAP and TDAP are listed separately, this condition could be used to show the TDAP is compliant if DTAP is compliant and no dates are present for TDAP.
 - **Set Vaccination Compliance** – This will set a specific vaccination to a specific result and message.
12. Enter the condition details in the appropriate fields. (The fields displayed vary based on the condition type selected.)
 - **Description** – text in this field overrides the system-generated description.
 - **Dosage #** – the specific dosage within a series of doses.
 - **Vaccination** – the specific vaccination.
 - **Amount** – the value used with the Qualifier and Condition.
 - **Qualifier**
 - Day(s)
 - Month(s)
 - Year(s)
 - **Result**
 - Compliant
 - Exempt
 - Insufficient
 - No Record

- Not Compliant
 - Not Required
 - Up to Date
 - **Message** – text entered display on the Student dosage status and the Vaccine status.
13. Click **Save**. The action appears under the **False** node.
 14. Continue to add conditions and actions under the appropriate nodes as needed to complete the immunization compliance definition.

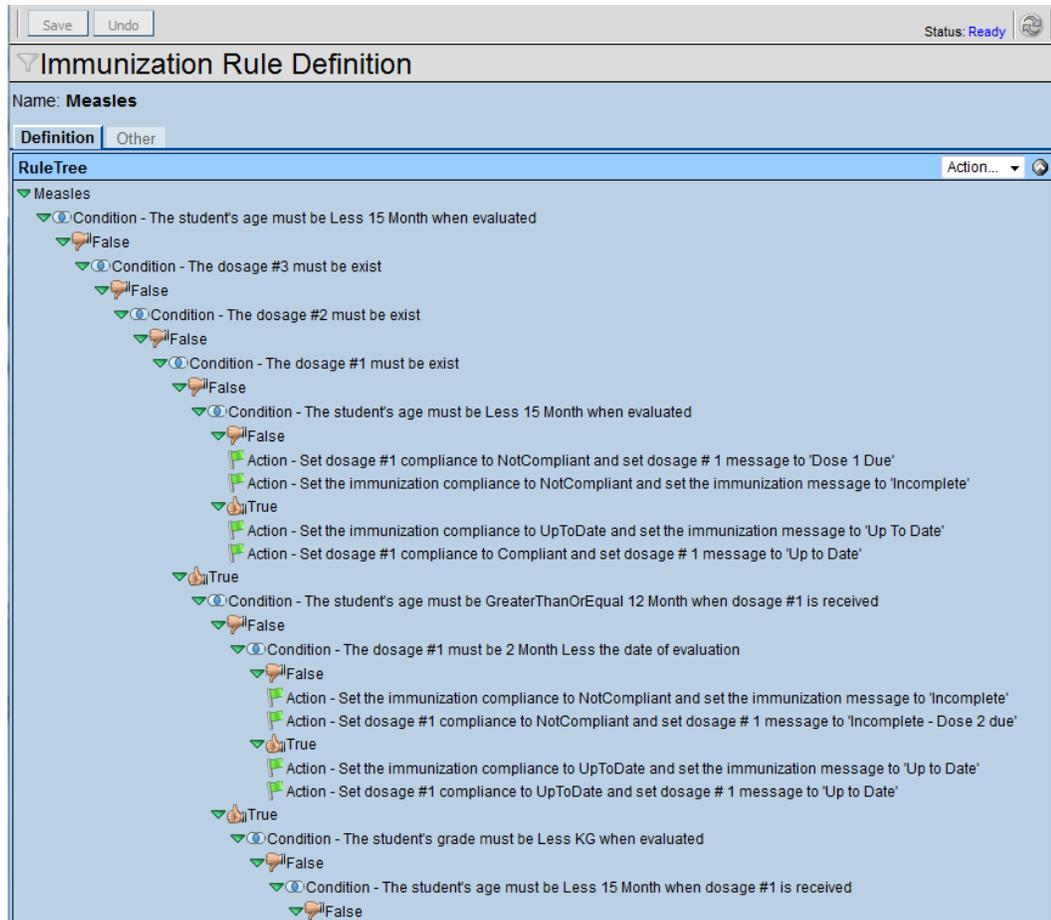


Figure 2.23 Immunization Rule Definition screen - defined immunization

Some health reports can include custom text in the footer of the report. At the bottom of the Student Immunization Report (HLT202), the district can add custom instructions or information.

**Hope High School
Student Immunization Profile**

Year: 2010-2011
Report: HLT202

1. Identification Information

Student Name Abbott, Billy C.	Perm ID 905483	Grade 12	Gender Male	Birth Date 05/12/1993
----------------------------------	-------------------	-------------	----------------	--------------------------

2. Immunizations

	1st Date	2nd Date	3rd Date	4th Date	5th Date	6th Date	Compliance
Polio	02/02/2004	01/28/2006	03/03/2007	04/04/2008	05/06/2009		
DTP/DTaP/DT	02/02/2004	01/28/2006	03/03/2007	04/04/2008	05/06/2009		
Td	09/10/2010						
MMR	05/06/2009						
HIB	02/02/2004	01/28/2006	04/04/2008	05/06/2009			
HBV 2 DOSE	11/27/2008	02/28/2009					
HBV							
Varicella (History of Disease)	02/26/2011						
Varicella 13 + (History of Disease)							
HEP A	07/28/1997	07/29/1997					

3. Documentation

I certify that I reviewed this student's immunization record and it has been transcribed accurately.
Date: _____
Admitting Official: _____

Documentation presented:

- Official State Record
- Foreign country (name) _____
- Out-of-State record (Name) _____

4. Status of requirements

A. Immunization Complete Date: _____
Date: _____

B. Currently up-to-date; more doses are due later.

C. Laboratory evidence of immunity to: _____

Exemption for:

- D. Medical Reasons - Permanent
Date: _____
- E. Medical Reasons - Temporary until:
Date: _____
- F. Personal Beliefs
Date: _____

Tuberculosis

First Tuberculosis Skin Test			Second Tuberculosis Skin Test			Tuberculosis Chest X-Ray	
Impression	Date Given	mm Induration	Impression	Date Given	mm Induration	Impression	Date Given

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Figure 2.24 – Student Immunization Profile Report

To add this custom text:

1. Click on the **Immunization Report Settings** tab of the Immunization Definition screen.

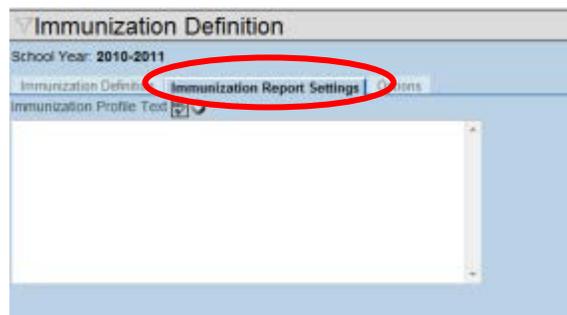


Figure 2.25 – Immunization Definition Screen, Immunization Report Settings Screen

2. Enter the text in the box labeled **Immunization Profile Text**. The text in this box may be checked for spelling by clicking the Spell Check button.
3. Click the **Save** button at the top of the screen to save the text.

An exclusion date is the day by which a student must be compliant in all their immunizations or have an exemption reason on file.

1. Navigate to **Synergy SIS > Health > Setup > Immunization Definition**.
2. On the **Immunization Report Settings** tab, enter a value in the **Exclusion Days** (from mailing date) field.



NOTE: The **Exclusion Days** is set to the current date plus the number specified. The default value is 14. For example, if the current date is 1/10/2013 and the field is set to 14, the Exclusion Date is 1/24/2013. The **Exclusion Days** can be overridden by the **Exclusion Date** field on the HLT215 and HLT216 report interfaces.

The screenshot shows a web application interface for 'Immunization Definition'. At the top, there is a 'Menu' dropdown, a printer icon, and 'Save' and 'Undo' buttons. Below this is a header for 'Immunization Definition' and 'School Year: 2012-2013'. A navigation bar includes 'Immunization Definition', 'Immunization Report Settings' (which is the active tab), 'Options', and 'Health Department'. Under the active tab, there is a section for 'Immunization Profile Text' with a dropdown menu. At the bottom of the screen, the 'Exclusion Days (from mailing date)' field is highlighted with a red border and contains the number '20'.

Figure 2.26: Immunization Definition screen

3. Click **Save**.

The system can be set to indicate that a parent or guardian’s signature is on file every time a new immunization record is created.

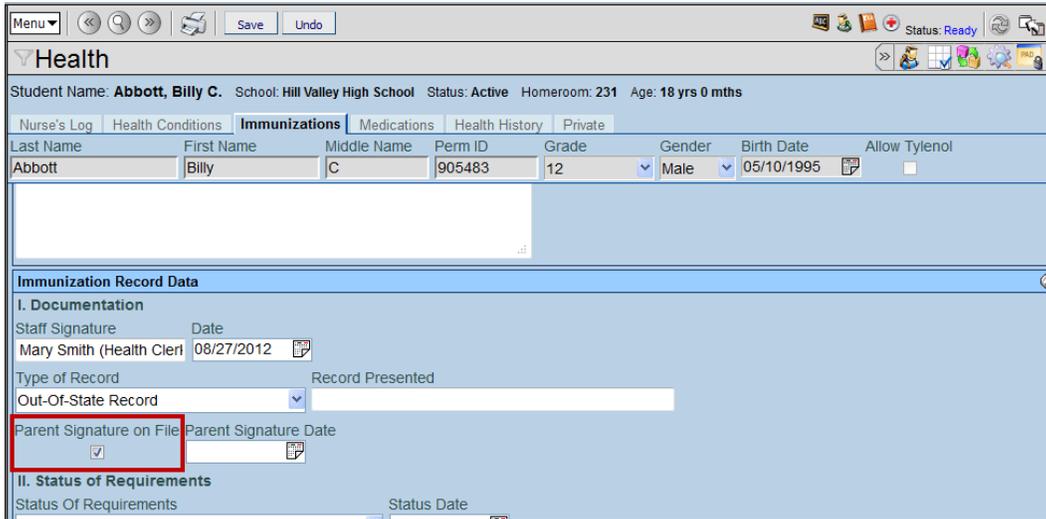


Figure 2.27 - Health screen, Immunization tab

 **NOTE:** Any immunization data entered on the **Immunization** tab of the **Health** screen before this option was selected remains unaffected.

1. Navigate to **Synergy SIS > Health > Setup > Immunization Definition.**

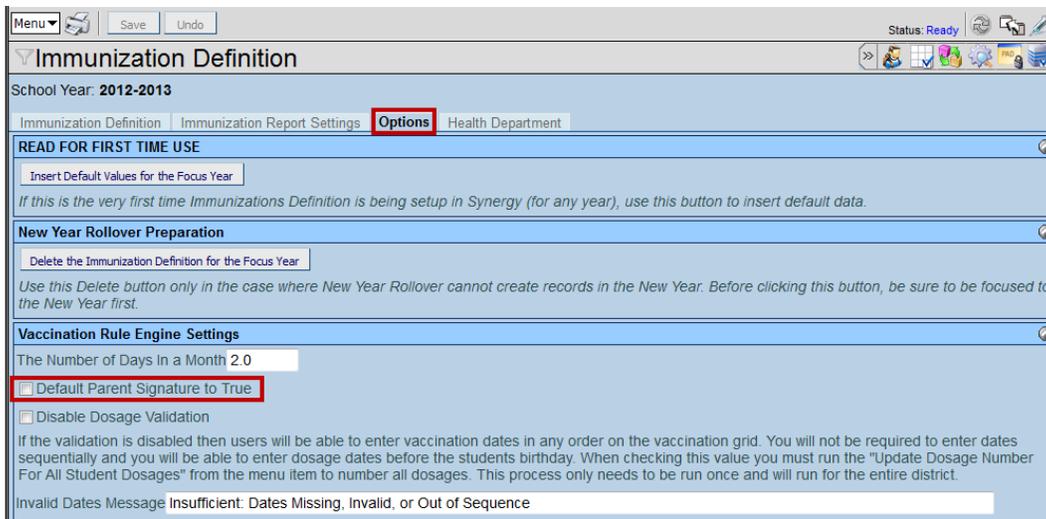


Figure 2.28: Immunization screen, Options tab

2. On the **Options** tab, select the **Default Parent Signature to True** checkbox.
3. Click **Save**.

The message that displays when immunization records has invalid dates is customizable on the **Options** tab of the **Immunization Definition** screen. The message can be as general or specific as desired.

1. Navigate to **Synergy SIS > Health > Setup > Immunization Definition**.

The screenshot shows the 'Immunization Definition' screen with the 'Options' tab selected. The 'Invalid Dates Message' field is highlighted with a red box. The message text is: 'Invalid Dates Message: Insufficient: Dates Missing, Invalid, or Out of Sequence'.

Figure 2.29: Immunization screen, Options tab

2. On the **Options** tab, enter the appropriate message in the **Invalid Dates Message** field.
3. Click **Save**.

The system can create letters informing parents and guardians that student's immunization records must be compliant by a specified date. These letters contain the local health authority's contact information and contain a local health authority representative or officer's signature.

Contact your local health authority for the correct information and signature, and enter it on the **Health Department** tab of the **Immunization Definition** screen.

1. Navigate to **Synergy SIS > Health > Setup > Immunization Definition**.

The screenshot shows the 'Immunization Definition' screen with the 'Health Department' tab selected. The 'Regional Health Department' group box is highlighted. The information entered in the group box is: Department Name: Local County Health Authority; Department Officer Name: Jane Smith; Department Address: 132 Main St, Mesa, AZ 85204; Department Phone Number: 480-555-1212. The 'Signature Image File' group box is also visible, showing a signature image and buttons for 'Upload Signature File' and 'Clear Signature File'.

Figure 2.30: Immunization screen - Regional Health Department group box

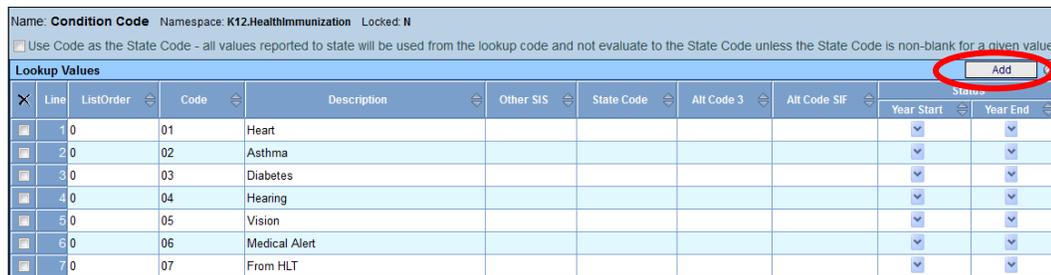
2. On the **Health Department** tab, enter the required information in the **Regional Health Department** group box.

- Department Name
 - Department Officer Name
 - Department Address
 - Department Phone Number
3. In the **Signature Image File** group box, upload a file containing the (authorized) signature of the Regional Health Department Officer.
 4. Click **Save**.

LOOKUP TABLES FOR HEALTH SCREEN

On each tab of the Health screen, found under Synergy SIS > Health, there are several drop-down lists, where pre-populated values may be selected from these lists. The values in each drop-down list are stored in a lookup table, with a separate table for each list. The lookup tables may be modified by using the **Lookup Table Definition** screen, found under Synergy SIS > System > Setup. Some lookup tables may be modified to match the needs of the school district. To modify a lookup table's values:

1. Go to the **Lookup Table Definition** screen, found under Synergy SIS > System > Setup.
2. **Find the table** that needs to be changed by clicking on the triangles next to each node. Most of the lookup tables for the Health screen are found under the nodes K12.HealthIncident, K12.HealthImmunization, and K12.HealthMedication.
3. Once the table is located, click the **Add** button to add a new code.



Name: **Condition Code** Namespace: K12.HealthImmunization Locked: N
 Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value

X	Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
									Year Start	Year End
	1	0	01	Heart						
	2	0	02	Asthma						
	3	0	03	Diabetes						
	4	0	04	Hearing						
	5	0	05	Vision						
	6	0	06	Medical Alert						
	7	0	07	From HLT						

Figure 2.31 – Condition Code Lookup Table

4. The order in which the values are displayed can be set by entering the order number in the **ListOrder** column. If the numbers in the ListOrder field are the same or are all-blank, the Code is used to sort the list and then the Description.
5. Enter a code for the item in the **Code** column. This value must be unique since it is used internally to link the tables in the database and it is displayed in the drop-down list.
6. Enter the description of the code in the **Description** column.
7. The **Other SIS** column is used to import data during the conversion process from another student records system. Enter the code used in the old system here.
8. If appropriate, a start date and end date may be entered for the code in the **Status** column to activate or deactivate the code for a particular year. If a code is inactive, it shows in data already entered but it is not available for selection for new records. For example, if a code is no longer valid for records beginning FY2011, select 2011 for the end year.
9. The **State Code**, **Alt Code 3**, and **Alt Code SIF** are not needed since this information is not uploaded to the state. The checkbox at the top of the table **Use Code as the State Code** is not used as well.
10. Click the **Save** button at the top of the screen to save the changes.

To delete a code:

1. Click the box under the **X** column, and click the **Save** button at the top of the screen.

Nurse's Log Tab

The Nurse's Log tab of the Health screen has the following lookup tables:

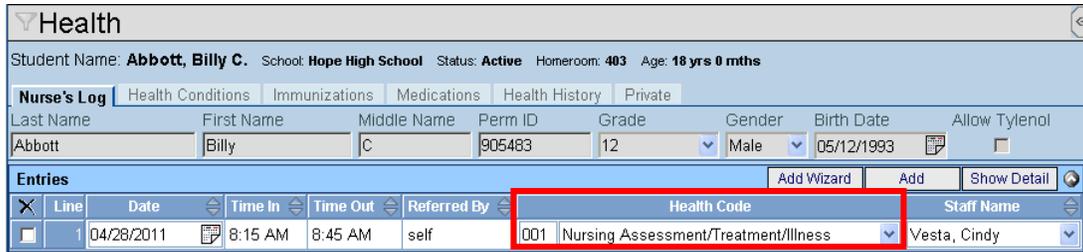


Figure 2.32 – Health Screen, Nurse's Log Tab

- **Health Code** – the code indicating the type of incident. The lookup table is located under **K12.HealthIncident**, and the table name is **Incident Code**.

Name: **Incident Code** Namespace: **K12.HealthIncident** Locked: **N**

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Year Start	Year End
1	0	001	Nursing Assessment/Treatment/Illness	001.00					
2	0	005	Nursing Assessment/Treatment/Injury	005.00					
3	0	010	Health Conference/ Counseling	010.00					
4	0	015	Medication # Doses given	015.00					
5	0	017	Personal Feminine Needs	017.00					
6	0	018	Medication : TYL	018.00					
7	0	020	Nursing Procedures	020.00					
8	0	030	Parent Contact	030.00					
9	0	035	Home Visits	035.00					
10	0	040	Student Health Record [Enrollment]	040.00					

Figure 2.33 – Incident Code Lookup Table

In the **detailed** screen of the Nurse's Log tab, there is the following lookup table:

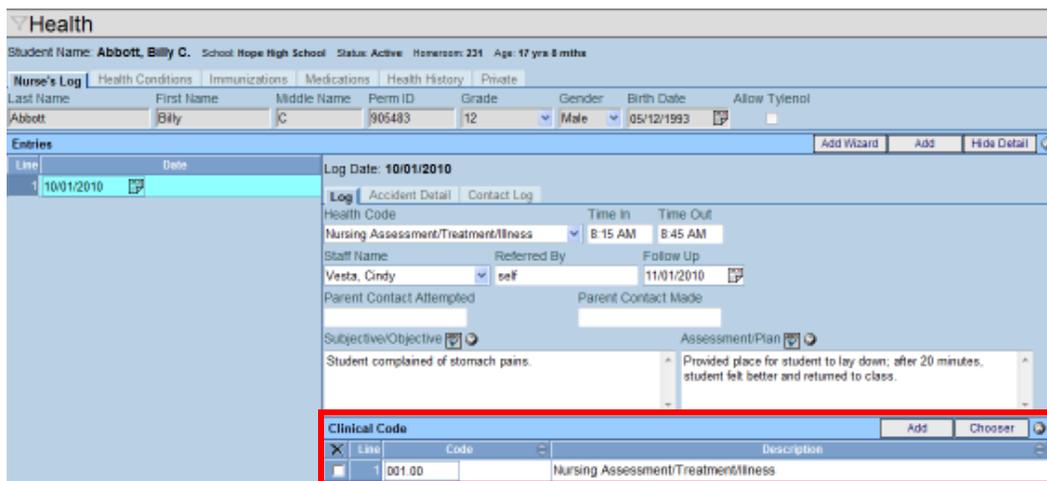


Figure 2.34 – Health Screen, Nurse's Log Tab, Detailed

- **Clinical Code** – the code indicating the treatment administered. The lookup table is located under **K12.HealthIncident**, and the table name is **Clinical Codes**.

Name: **Clinical Codes** Namespace: **K12.HealthIncident** Lookup: **II**

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value

Lookup Values										
X	Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Status	
									Year Start	Year End
<input type="checkbox"/>	1	0	001.00	Nursing Assessment/Treatment/line						
<input type="checkbox"/>	2	0	005.00	Nursing Assessment/Treatment/Inju						
<input type="checkbox"/>	3	0	010.00	Health Conference/ Counseling						
<input type="checkbox"/>	4	0	010.50	IN H.O. FOR DISC.						
<input type="checkbox"/>	5	0	015.00	Medication # Doses given						
<input type="checkbox"/>	6	0	017.00	Personal Feminine Needs						
<input type="checkbox"/>	7	0	019.00	Medication : TYL						
<input type="checkbox"/>	8	0	020.00	Nursing Procedures						
<input type="checkbox"/>	9	0	030.00	Parent Contact						
<input type="checkbox"/>	10	0	035.00	Home Visits						

Figure 2.35 – Clinical Codes Lookup Table

On the **Accident Detail tab** of the detailed screen of the Nurse’s Log, there is the following lookup table:

Health

Student Name: **Abbott, Billy C.** School: **Hope High School** Status: **Active** Homeroom: **234** Age: **10 yrs 6 mths**

Nurse's Log | Health Conditions | Immunizations | Medications | Health History | Private

Last Name: **Abbott** First Name: **Billy** Middle Name: **C** Perm ID: **905483** Grade: **12** Gender: **Male** Birth Date: **07/31/2002** Allow Tylenol:

Line	Date
1	02/14/2013
2	02/13/2013
3	02/12/2013

Log Date: **02/13/2013**

Log | **Accident Detail** | Contact Log

Print Health Accident Report

Print Report Merge Document Merge Language

Accident Date Accident Time Initial Care Given/By Whom

Accident Location End Date

Supervising Staff Member Medical Care Recommended Student covered by School Accident Insurance

Taken Where After Accident (Specify Home, Hospital, etc.)

Picked Up By Time Taken

Reason Injured Person was on the Premises (lunch, P.E., etc.)

Witnesses

Follow Up

Preventative Measures Taken

Other Persons Notified

Parent/Guardian Notified

Regional R.N. Notified

Superintendent Notified

Figure 2.36 – Health Screen, Nurse’s Log Tab, Detailed

- **Other Persons Notified** – a list of people notified of an incident in addition to emergency contacts.. The lookup table is located under **K12.HealthIncident**, and the table name is **Incident Notification List**.

Name: Incident Notification List Namespace: K12.HealthIncident Locked: N

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value

Lookup Values

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
								Year Start	Year End
0	10		Superintendent Notified						
0	20		Regional R.N. Notified						
0	30		Parent/Guardian Notified						

Figure 2.37 – Incident Notification List Lookup Table

On the **Contact Log** tab of the detailed screen of the Nurse's Log, there are the following lookup tables:

Health

Student Name: Abbott, Billy C. School: Hope High School Status: Active Homeroom: 231 Age: 17 yrs 8 mths

Nurse's Log Health Conditions Immunizations Medications Health History Private

Last Name: Abbott First Name: Billy Middle Name: C Perm ID: 905483 Grade: 12 Gender: Male Birth Date: 05/12/1993 Allow Tylenol:

Log Date: 10/01/2010

Contact Log

Line	Date	Time	Contact Type	Person Contacted	Contact By	Outcome	Comment
1	10/01/2010	8:45 AM	Phone	parent	nurse		sent child back to class

Figure 2.38 – Contact Log Tab, Detailed Screen, Nurse's Log

- Contact Type** – a list of the methods a teacher might use to contact the parent or student. The lookup table is located under **K12**, and the table name is **Contact Type**.

Name: Contact Type Namespace: K12 Locked: N

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value

Lookup Values

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
								Year Start	Year End
1	1		Phone						
2	2		Office						
3	3		Letter						
4	4		Home						

Figure 2.39 – Contact Type Lookup Table

- Outcome** – a list of the possible types of outcomes from contact with the student or parent. The lookup table is located under **Revelation**, and the table name is **Contact Outcome**.

Name: Contact Outcome Namespace: Revelation Locked: N

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value

Lookup Values

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
								Year Start	Year End
1	1	S	Scheduled In-Person Meeting						
2	2	F	Scheduled Follow-up Meeting						
3	3	M	On-going Monitoring						

Figure 2.40 – Contact Outcome Lookup Table



Caution: The lookup tables for the Contact Log are also used for the Student Contact Log tab on the Student screen, and the values in the lookup tables should reflect the needs of both screens.

Health Conditions Tab

The Health Conditions tab of the Health screen has the following lookup table:

Line	Order By	Health Conditions	Date Entered	Start Date	End Date	Comment
1		06 Medical Alert		08/20/2007		ASTHMA
2		06 Medical Alert				OCCASIONAL ASTHMA, SCOLIOSIS, ADHD
3		06 Medical Alert		08/15/2007		ADHD

Figure 2.41 – Health Screen, Health Conditions Tab

- Health Conditions** – the list of possible serious health conditions of which school personnel need to be aware. The lookup table is located under **K12.HealthImmunization**, and the table name is **Condition Code**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
								Year Start	Year End
10	01	01	Heart						
20	02	02	Asthma						
30	03	03	Diabetes						
40	04	04	Hearing						
50	05	05	Vision						
60	06	06	Medical Alert						
70	07	07	From HLT						

Figure 2.42 – Condition Code Lookup Table

Immunizations Tab

The Immunizations tab of the Health screen has the following lookup tables:

The screenshot shows the 'Health' screen for student **Abbott, Billy C.** with school **Hope High School**, status **Active**, homeroom **234**, and age **10 yrs 6 mths**. The **Immunizations** tab is selected. The student's details are: Last Name: Abbott, First Name: Billy, Middle Name: C, Perm ID: 905483, Grade: 12, Gender: Male, Birth Date: 07/31/2002. There is an 'Allow Tylenol' checkbox which is unchecked.

The **Set Exemption And Compliance** section contains a message: "In order to set exemptions or compliance to all vaccinations, Confirm Set must be checked before hitting Save." There is a 'Confirm Set' checkbox (unchecked). Below it is an 'Exempt' dropdown menu (highlighted with a red box) and a 'Compliance' checkbox (unchecked). A 'Comment' text area is also present.

The **Immunization Record Data** section is divided into three parts:

- I. Documentation:** Staff Signature: Mary Smith (Health Cler), Date: 08/27/2012. 'Type of Record' dropdown (highlighted with a red box) is set to 'Out-Of-State Record'. 'Record Presented' is a text input field.
- II. Status of Requirements:** Status Of Requirements: All Requirements Are Met, Status Date: 05/04/2011. Exemption Granted: Medical Reasons - Permanent, Exemption Date: (empty).
- III. 7th Grade Entry:** 7th Grade Entry: All requirements are met. Name: Donna Jones (registr), Date: 09/10/2012.

Figure 2.43 – Health Screen, Immunizations Tab

- Exempt** – the list of reasons why a student may be exempted from the vaccination requirements. The lookup table is located under **K12.VaccinationInfo**, and the table name is **Exemptions**. This is the same table used for the Exempt drop-down list in the detailed screen of each vaccination.

Name: Exemptions Namespace: K12.VaccinationInfo Locked: N										
<input type="checkbox"/> Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value										
Lookup Values										Add
X	Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Status	
									Year Start	Year End
	1		MRP	Medical Reasons						
	2		MRT	Medical Reasons Temporary						
	3		P	Personal Beliefs						
	4		IU	Immunity to Mumps						
	5		IR	Immunity to Rubella						
	6		IM	Immunity to Measles						

Figure 2.44 – Exemptions Lookup Table

- **Type of Record** – the types of records that students present to show their immunization record. The lookup table is located under **K12.HealthInfo.Setup**, and the table name is **Health Type of Record**.

Name: Health Type Of Record Namespace: K12.HealthInfo.Setup Locked: N										
<input type="checkbox"/> Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value										
Lookup Values										Add
X	Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
									Year Start	Year End
	1	1	0	Arizona Lifetime Record			0			
	2	2	1	Out-Of-State Record			1			
	3	3	2	Other Immunization Record			2			
	4	4	3	Foreign Country			3			

Figure 2.45 – Health Type of Record Lookup Table



Caution: The **Health Type of Record** table is also used by the **HLT212 – Arizona Immunization Report**. For the HLT212 report to work correctly, this table must be setup with the following values.

Code	Description	Alt Code 3
0	Arizona Lifetime Record	0
1	Out-of-State Record	1
2	Other Immunization Record	2
3	Foreign Country	3

Medications Tab

The detailed screen of the Medications tab has all of the lookup tables, which are:

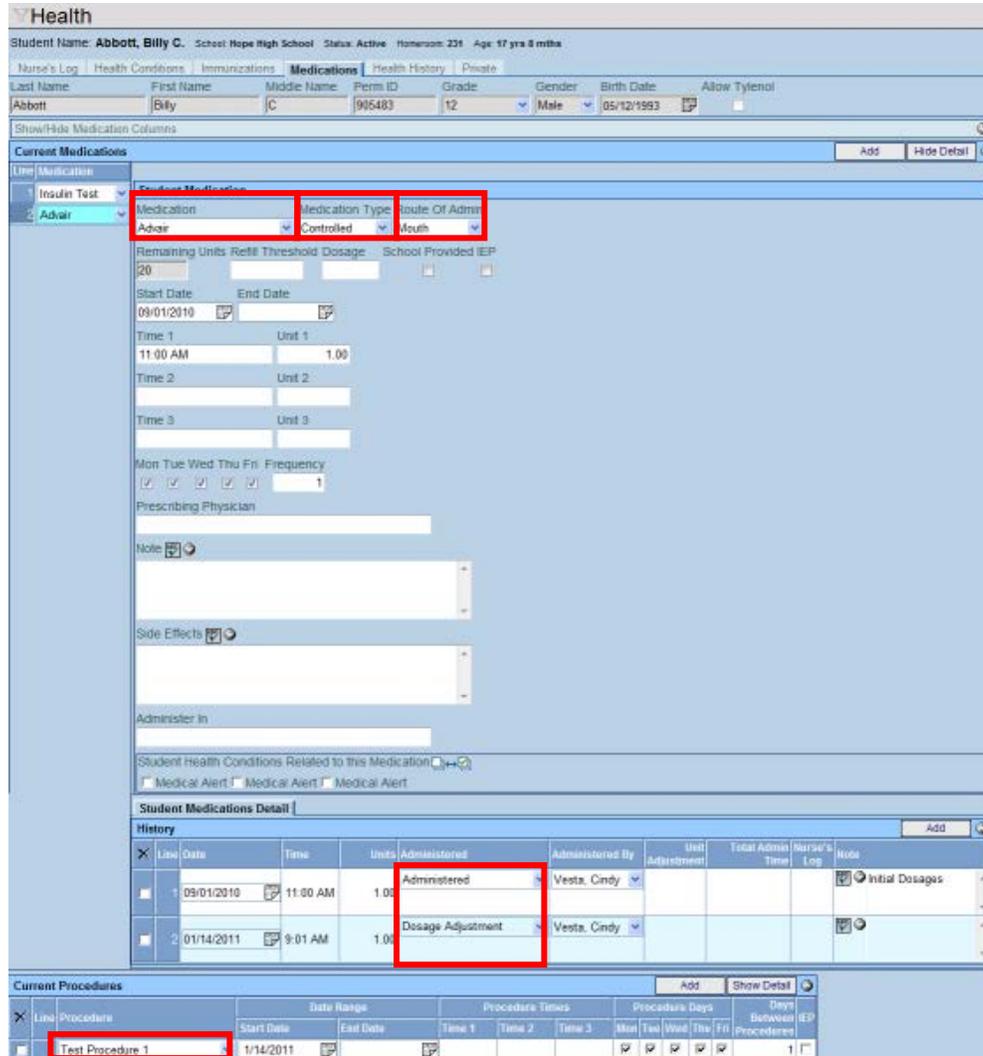


Figure 2.46 – Medications Tab, Health Screen, Detailed

- Medication** – a list of medications that are administered to students by school personnel. The lookup table is located under **K12.HealthMedication**, and the table name is **Medication or Service**.

Name: Medication Or Service Namespace: K12.HealthMedication Locked: #									
Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value									
Lookup Values									
Line	UseOrder	Code	Description	Other SIS	State Code	All Code 3	All Code SF	States	
								Year Start	Year End
1	0	00	Insulin Test						
2	0	01	Adair						
3	0	02	Ritalin						
4	0	03	Tylenol						
99		99	Other						

Figure 2.47 – Medication or Service Lookup Table

- Medication Type** – the type of medication administered. The lookup table is located under **K12.HealthMedication**, and the table name is **Medication Type**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Year Start	Year End
1	1	1	Over the Counter						
2	2	2	Controlled						

Figure 2.48 – Medication Type Lookup Table

- **Route of Admin** – the method by which the medication is administered. The lookup table is located under **K12.HealthMedication**, and the table name is **Route of Administration**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Year Start	Year End
1	0	0	Mouth						
2	0	1	Intravenous						
3	0	2	Topical						

Figure 2.49 – Route of Administration Lookup Table

- **Administered** – the status of the scheduled administration of medication. The status used to indicate the medication was given must have an **Alt Code 3 of 0**, and the status used to indicate an adjustment in the amount of medication kept by the school must have an **Alt Code 3 of 3**. The lookup table is located under **K12.HealthMedication**, and the table name is **Administered**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Year Start	Year End
1	0	0	Administered			0			
2	0	1	No Show						
3	0	2	Absent						
4	0	3	Dosage Adjustment			3			

Figure 2.50 – Administered Lookup Table

- **Procedure** – a list of medical procedures administered by school personnel. The lookup table is located under **K12.HealthMedication**, and the table name is **Med Procedure**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Year Start	Year End
1	0	00	Test Procedure 1						
2	1	01	Test Procedure 2						

Figure 2.51 – Med Procedure Lookup Table

Health History Tab and Private Tab

Since the Health History tab displays a historical list of all nurse's logs, medications, and procedures, the tab does not have any unique lookup tables. The Private tab does not have any lookup tables.

Chapter Three: OTHER SCREENS SETUP

In this chapter, the following topics are covered:

- ▶ What lookup tables need to be setup for the Health Screen screen
- ▶ What lookup tables need to be setup for the Health Screen By Section screen
- ▶ What lookup tables need to be setup for the Health Log Other screen
- ▶ What lookup tables need to be setup for the Medication and Service Monitor screen

LOOKUP TABLES FOR HEALTH SCREEN SCREEN

On each tab of the Health Screen screen, found under Synergy SIS > Health, there are several drop-down lists, where pre-populated values may be selected from these lists. The values in each drop-down list are stored in a lookup table, with a separate table for each list. The lookup tables may be modified by using the **Lookup Table Definition** screen, found under Synergy SIS > System > Setup. Some lookup tables may be modified to match the needs of the school district. To modify a lookup table's values:

1. Go to the **Lookup Table Definition** screen, found under Synergy SIS > System > Setup.
2. **Find the table** that needs to be changed by clicking on the triangles next to each node. Most of the lookup tables for the Health screen are found under the nodes K12.HealthIncident, K12.HealthImmunization, and K12.HealthMedication.
3. Once the table is located, click the **Add** button to add a new code.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Year Start	Year End
1	0	1	Religious Reasons						
2	0	2	Health Reasons						

Figure 3.1 – Tb Waiver Lookup Table

4. The order in which the values are displayed can be set by entering the order number in the **ListOrder** column. If the numbers in the ListOrder field are the same or are all-blank, the Code is used to sort the list and then the Description.
5. Enter a code for the item in the **Code** column. This value must be unique since it is used internally to link the tables in the database and it is displayed in the drop-down.
6. Enter the description of the code in the **Description** column.
7. The **Other SIS** column is used to import data during the conversion process from another student records system. Enter the code used in the old system in this column.
8. If appropriate, a start date and end date may be entered for the code in the **Status** column to activate or deactivate the code for a particular year. If a code is inactive, it shows in data already entered but it is not available for selection for new records. For example, if a code is no longer valid for records beginning FY2011, select 2011 for the end year.
9. The **State Code**, **Alt Code 3**, and **Alt Code SIF** are not needed since this information is not uploaded to the state. The checkbox at the top of the table **Use Code as the State Code** is not used as well.
10. Click the **Save** button at the top of the screen to save the changes.

To delete a code:

1. Click the box under the **X** column, and click the **Save** button at the top of the screen.

Tuberculosis Tab

The Tuberculosis tab of the Health Screen screen has the following lookup tables:

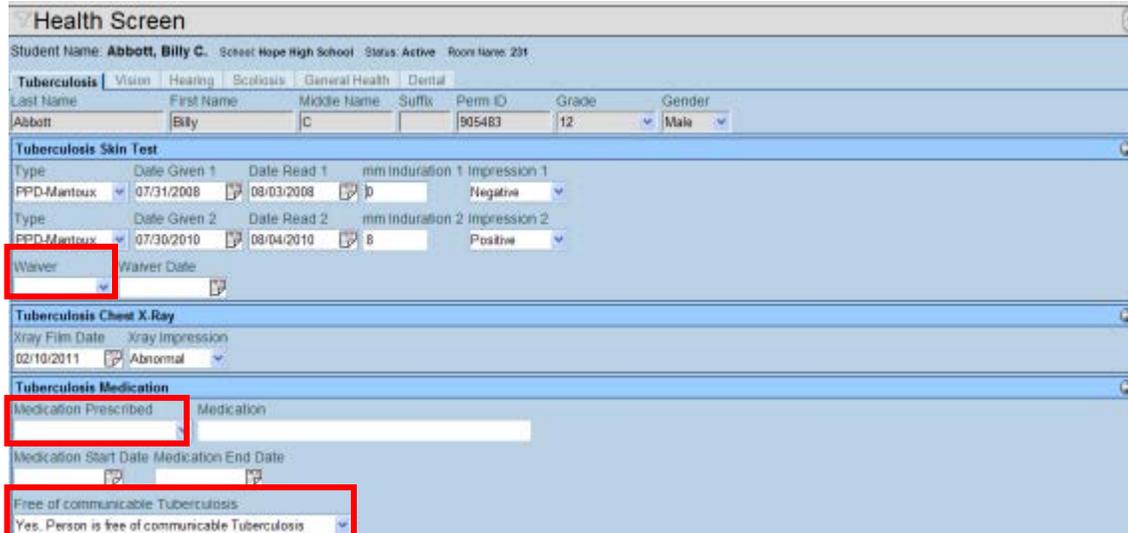


Figure 3.2 – Health Screen Screen, Tuberculosis Tab

- **Waiver** – the reasons a tuberculosis test is waived. The lookup table is located under **K12.HealthScreen**, and the table name is **TB Result**.

Line	ListOrder	Code	Description	Other SIS	State Code	AE Code 3	AE Code SF	States
								Year Start Year End
1	0	1	Religious Reasons					
2	0	2	Health Reasons					

Figure 3.3 – TB Waiver Lookup Table

- **Medication Prescribed** – a list of the medications prescribed as the result of a positive tuberculosis test, or a list of the status of a prescription. The lookup table is located under **K12.HealthScreen**, and the table name is **TB Result**.

Line	ListOrder	Code	Description	Other SIS	State Code	AE Code 3	AE Code SF	States
								Year Start Year End
1	0	N	No Medications Prescribed					
2	0	Y	Medications Prescribed					

Figure 3.4 – Medication Prescribed Lookup Table

- **Free of Communicable Tuberculosis** – the overall tuberculosis status of the student. The lookup table is located under **K12.HealthScreen**, and the table name is **TB Result**.

Name: **Tb Disease Status** Namespace: **K12.HealthScreen** Locked: **N**

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless th

Lookup Values										Add		
X	Line	ListOrder	Code	Description	Other SIS	State Code	All Code 3	All Code SF	Status		Year Start	Year End
	1	0	N	No, Person is not free of communicable								
	2	0	Y	Yes, Person is free of communicable								

Figure 3.5 – TB Disease Status Lookup Table

Vision Tab

The main and detailed screens of the Vision tab use the following lookup tables:

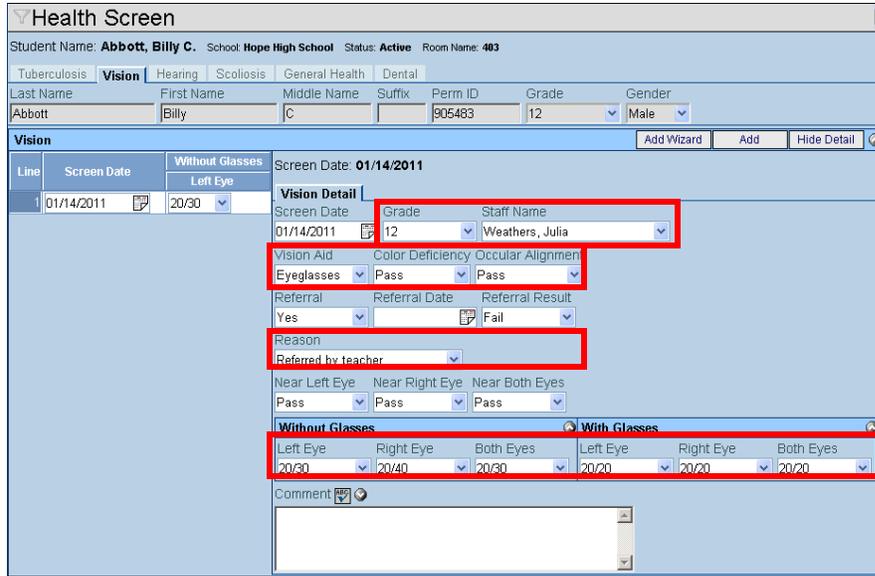


Figure 3.6 – Health Screen Screen, Vision Tab, Detailed

- **Grade** – a list of possible grade levels. This is the same list of grade levels that is used through Synergy SIS, and the setup of the list is outlined in the *Synergy SIS – State Data Reporting Guide*.
- **Staff Name** – a list of all staff entered in Synergy SIS that has the Health role checked in the Staff Role section. For more information, please see the chapter on Staff in the *Synergy SIS – System Administrator Guide*.
- **Vision Aid** – the list of possible corrective lenses used by the student to correct their vision. The lookup table is located under **K12.HealthScreen**, and the table name is **Vision Aid**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Status	Year Start	Year End
0	1	1	Eyeglasses	E						
0	2	2	Contacts	C						

Figure 3.7 – Vision Aid Lookup Table

- **Color Deficiency** – this list could be setup as a list of the three possible color blindness conditions (total, red-green, or blue-yellow), or as a pass/fail list to indicate if the student passed the color deficiency test. The lookup table is located under **K12.HealthScreen**, and the table name is **Color Deficiency**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Status	Year Start	Year End
1	1	P	Pass							
2	2	N	Fail							

Figure 3.8 – Color Deficiency Lookup Table

- Referral** – typically setup up as either Yes or No, the referral list could also indicate the external agency to where the student was referred, or the source of a referral. The lookup table is located under **K12.HealthScreen**, and the table name is **Referral**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Year Start	Year End
1	0	N	No						
2	0	Y	Yes						

Figure 3.9 – Referral Lookup Table

- Reason** – the reason for the referral. The lookup table is located under **K12.HealthScreen**, and the table name is **Vision Screen Reason**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Year Start	Year End
1	1	1	Referred by parent						
2	2	2	Referred by teacher						

Figure 3.10 – Vision Screen Reason Lookup Table

- Left Eye, Right Eye, & Both Eyes (Without Glasses & With Glasses)** – the list of possible vision acuity measures. All six fields share the same lookup table. The lookup table is located under **K12.HealthScreen**, and the table name is **Eye Exam**.

Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SF	Year Start	Year End
1	0	1	20/10						
2	0	2	20/20						
3	0	3	20/30						
4	0	4	20/40						
5	0	5	20/50+						

Figure 3.11 – Eye Exam Lookup Table

Hearing Tab

The main and detailed screens of the Hearing tab, as well as the screen used to add a Hearing record, use the following lookup tables:

The screenshot displays the 'Health Screen' interface for a student named Billy C. Abbott. The 'Hearing' tab is selected, showing a detailed view of an audio test performed on 01/04/2011. The student's grade is 12, and the staff name is highlighted. The referral date is 12/30/2010, with the reason being 'C2, C2'. The test results are shown for both the left and right ears, including tympanic type, volume, static compliance, middle ear pressure, and result (RA). Red boxes highlight the Grade, Staff Name, Referral Date, Reason, Folder, Left Aid Tympanic Type, Right Aid Tympanic Type, Volume, Static Compliance, Middle Ear Pressure, and Result fields.

Figure 3.12 – Health Screen Screen, Hearing Tab, Detailed

- **Grade** – a list of possible grade levels. This is the same list of grade levels that is used through Synergy SIS, and the setup of the list is outlined in the *Synergy SIS – State Data Reporting Guide*.
- **Staff Name** – a list of all staff entered in Synergy SIS that has the Health role checked in the Staff Role section. For more information, please see the chapter on Staff in the *Synergy SIS – System Administrator Guide*.

- **Referral** – the referral list could indicate the external agency to where the student was referred, or the source of a referral. The lookup table is located under **K12.HealthScreenAud**, and the table name is **Referral**.

Line	ListOrder	Code	Description	Other SIS	State Code	All Code 3	All Code SE	Year Start	Year End
0	1		Referred to doctor/new case						
0	2		Referred to doctor						
0	3		Failed/Not referred						
0	4		No change since previous test						
0	5		Improved by prescription						
0	6		Screening inconclusive						
0	7		Permanent disability						
0	8		Referred - non-acuity problem						

Figure 3.13 – Referral Lookup Table

- **Reason** – a list of the reasons an audio screen is conducted. The lookup table is located under **K12.HealthScreen**, and the table name is **Audio Screen Reason**.

Line	ListOrder	Code	Description	Other SIS	State Code	All Code 3	All Code SE	Year Start	Year End
1	1	1	1						
2	2	2	2						
3	3	8A	Do not Screen this year per Audiologist						
4	4	8P	Do not screen this year per parent request						
5	5	9A	Do not ever screen per Audiologist request						
6	6	9P	Do not ever screen per parent request						
7	7	A	A						
8	8	N	N						
9	9	P	P						
10	10	C1	C1						
11	11	C2	C2						
12	12	PH	PH						

Figure 3.14 – Audio Screen Reason Lookup Table

- **Folder** – a list of possible folders used to store the audio screen results. The lookup table is located under **K12.HealthScreen**, and the table name is **Audio Folder**.

Line	ListOrder	Code	Description	Other SIS	State Code	All Code 3	All Code SE	Year Start	Year End
1	1	A	Active						
2	2	B	Blue						
3	3	Y	Yellow						
4	4	I	Inactive						
5	5	H	Hearing Impaired						
6	6	S	Shield						

Figure 3.15 – Audio Folder Lookup Table

- **Left Aid & Right Aid (Left Ear & Right Ear)** – a list of possible devices used to aid the student’s hearing. The lookup table is located under **K12.HealthScreen**, and the table name is **Audio Aid**.

Line	ListOrder	Code	Description	Other SIS	State Code	All Code 3	All Code SE	Year Start	Year End
0	1		Hearing Aid						

Figure 3.16 Audio Aid Lookup Table

- **Tymp Type (Left Ear & Right Ear)** – a list of the possible types of test used. The lookup table is located under **K12.HealthScreen**, and the table name is **Tympanogram Type**.

Line	ListOrder	Code	Description	Other S/S	State Code	Alt Code 3	Alt Code S/S	Year Start	Year End
1	0	A-	A-+100 to -200 daPa, 16cc to 1.60cc						
2	0	Ad-	Ad-+100 to -200 daPa, >1.60cc						
3	0	Ap-	Ap-> 100 daPa, +100 to -200 daPa						
4	0	As-	As-+100 to -200 daPa, 16cc to 19cc						
5	0	B-	B-+100 to -400 daPa, 15cc or less						
6	0	B*	B*-Perforation, (-399 pressure)						
7	0	B+	B+-Tube reading, (-399 pressure)						
8	0	C-	C--205 to -400 daPa, 16cc or higher						
9	0	U-	U-(Could not test or unknown)						

Figure 3.17 – Tympanogram Type Lookup Table

- **Result (Left Ear & Right Ear)** – a list of the overall results of the hearing exam. The lookup table is located under **K12.HealthScreen**, and the table name is **Immittance Class**.

Line	ListOrder	Code	Description	Other S/S	State Code	Alt Code 3	Alt Code S/S	Year Start	Year End
1	1	P	Pass						
2	2	F	Fail						
3	3	RA	Risk Audio						
4	4	RM	Risk Medical						
5	5	RB	Risk Both Audio and Medical						
6	6	FA	Fail Audio						
7	7	FM	Fail Medical						
8	8	FB	Fail Both						

Figure 3.18 – Immittance Class Lookup Table

Scoliosis Tab

The Scoliosis tab of the Health Screen screen has the following lookup tables:

The screenshot displays the 'Health Screen' interface for a student named Billy C. Abbott. The 'Scoliosis' tab is active. The student's information includes Last Name: Abbott, First Name: Billy, Middle Name: C, Suffix: , Perm ID: 995483, Grade: 12, and Gender: Male. The 'Physical Exam' section shows a record with Physical Exam Date: 01/06/2011, Physical Exam Result: Pass, Date Referred: 12/14/2010, and Grade: 12. The 'Grade' dropdown menu is highlighted with a red box. The 'X-Ray' section shows two film dates: 01/04/2011 and 01/05/2011, both with an impression of 'Normal'. A comment field is visible at the bottom.

Figure 3.19 – Health Screen Screen, Scoliosis Tab

- **Grade** – a list of possible grade levels. This is the same list of grade levels that is used through Synergy SIS, and the setup of the list is outlined in the *Synergy SIS – State Data Reporting Guide*.

General Health Tab

The General Health Tab has the following lookup tables:

Health Screen

Student Name: **Abbott, Billy C.** School: **Hope High School** Status: **Active** Room Name: **403**

Tuberculosis | Vision | Hearing | Scoliosis | **General Health** | Dental

Last Name: First Name: Middle Name: Suffix: Perm ID: Grade: Gender:

Health Add Show Detail

X	Line	Screen Date	Grade	Height		Weight		BMI	Heart Rate	Blood Pressure	Referral Date
				Inches	Percentile	lbs	Percentile				
<input type="checkbox"/>	1	01/10/2011	12	68	54	185	58	28.13			

Activity Screening Add

X	Line	Screen Date	Screen Type	Result	Staff Name
<input type="checkbox"/>	1	03/14/2011	Drug	Pass	

Figure 3.20 – Health Screen Screen, General Health Tab

- **Screen Type** – a list of the health screening types (Health and Drug). The values in this drop-down list are hard-coded into the programming code and there is no associated lookup table.



Caution: The information in the Activity Screening grid is also shown in the Student Groups screen, and both screens share the same fields. Any changes to these lookup tables affect both screens.

Dental Tab

The Dental tab of the Health Screen screen has the following lookup tables:

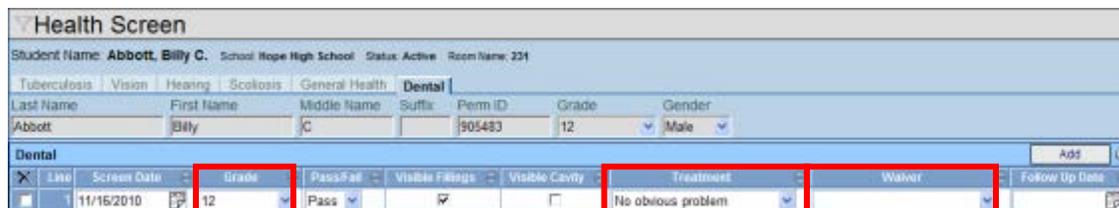


Figure 3.21 – Health Screen Screen, Dental Tab

- Grade** – a list of possible grade levels. This is the same list of grade levels that is used through Synergy SIS, and the setup of the list is outlined in the *Synergy SIS – State Data Reporting Guide*.
- Treatment** – a list of the recommended follow-up treatments based on the results of the dental exam. The lookup table is located under **K12.HealthScreen**, and the table name is **Treatment Urgency**.

Name: **Treatment Urgency** Namespace: **K12.HealthScreen** Locked: **N**

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code

Lookup Values									
Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
								Year Start	Year End
1	1	0	No obvious problem	N		1			
2	2	1	Early dental care recommended	E		2			
3	3	2	Urgent care needed	U		3			

Figure 3.22 – Treatment Urgency Lookup Table

- Waiver** – possible reasons that a dental exam requirement is waived. The lookup table is located under **K12.HealthScreen**, and the table name is **Dental Assessment**.

Name: **Dental Assessment** Namespace: **K12.HealthScreen** Locked: **N**

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code

Lookup Values									
Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status	
								Year Start	Year End
1	1	0	Lack of access to insurance	0		2			
2	2	1	Financial burden	1		1			
3	3	2	Parental consent	2		3			
4	4	3	Form not returned	3		4			

Figure 3.23 – Dental Assessment Lookup Table



Caution: The **Treatment Urgency** and **Dental Assessment** tables are also used by the **HLT618 – Oral Health Assessment and Waiver Report**. For the HLT618 report to work correctly, these tables must be setup with the following values.

Treatment Urgency

Code	Description	Alt Code 3
0	No obvious problem	1
1	Early dental care recommended	2
2	Urgent care needed	3

Dental Assessment

Code	Description	Alt Code 3
0	Lack of access to insurance	2
1	Financial burden	1
2	Parental consent	3
3	Form not returned	4

LOOKUP TABLES FOR THE HEALTH SCREEN BY SECTION SCREEN

The Health Screen By Section screen, found under Synergy SIS > Health, uses all of the same lookup tables used by the Health Screen screen.

The screenshot shows the 'Health Screen By Section' interface. At the top, it displays 'Section ID: 1077', 'Course Title: Am Govt', and 'School Year: 2010-2011'. Below this are tabs for 'Tuberculosis', 'Vision', 'Hearing', 'Scoliosis', 'General Health', and 'Dental'. The 'Tuberculosis' tab is active, showing search criteria: Section ID (1077), Course ID (SS51), Course Title (Am Govt), Staff Name (Jackson, Kathy), and Room Name (216). A 'Filter' section includes a checkbox for 'Hide Students With Tuberculosis Records'. The main data table is titled 'Tuberculosis Exam' and contains the following information:

Line	Student Name	Perm ID	Grade	Gender	Type 1	Date Given 1	Date Read 1	mm Induration 1	Impression 1	Waiver	Waiver Date
1	Abbott, Billy C.	905483	12	M	PPD-Mantoux	07/31/2008	08/03/2008	0	Negative		
2	Addington, Paula M.	871686	12	F							
3	Coleman, Jose L.	874305	12	M							
4	Croley, Carolyn A.	922759	12	F							
5	Crum, Richard J.	872047	12	M							

Figure 3.24 – Health Screen By Section Screen

LOOKUP TABLES FOR THE HEALTH LOG OTHER SCREEN

The Health Log Other screen, found under Synergy SIS > Health, uses all of the same lookup tables used by the Nurse’s Log Tab of the Health screen.

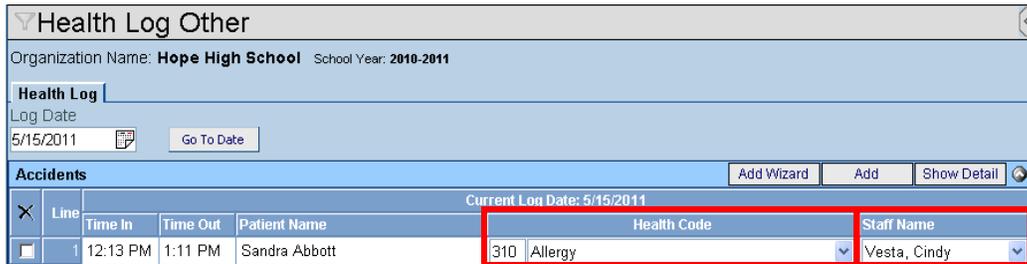


Figure 3.25 – Health Log Other Screen

LOOKUP TABLES FOR THE HEALTH LOG STUDENT SCREEN

The Health Log Student screen, found under Synergy SIS > Health, uses all of the same lookup tables used by the Nurse’s Log Tab of the Health screen.



Figure 3.26 – Health Log Student Screen

LOOKUP TABLES FOR THE MEDICATION AND SERVICE MONITOR SCREEN

The Medication and Service Monitor Screen, found under Synergy SIS > Health, uses all of the same lookup tables as the Medications Tab of the Health Screen.

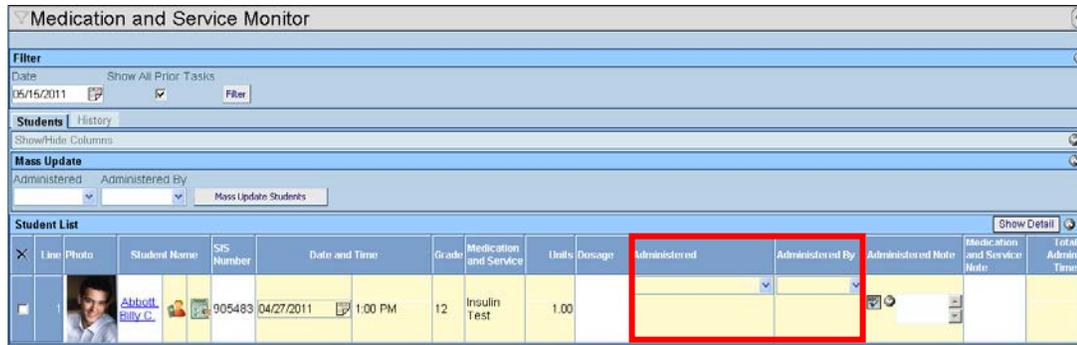


Figure 3.27 – Medication and Service Monitor Screen

LOOKUP TABLES FOR THE INDIVIDUAL HEALTHCARE PLAN SCREEN

The Healthcare Plan Details Screen, found under Synergy SIS > Health > Individual Healthcare Plan screen > Show Details, uses the following lookup tables:

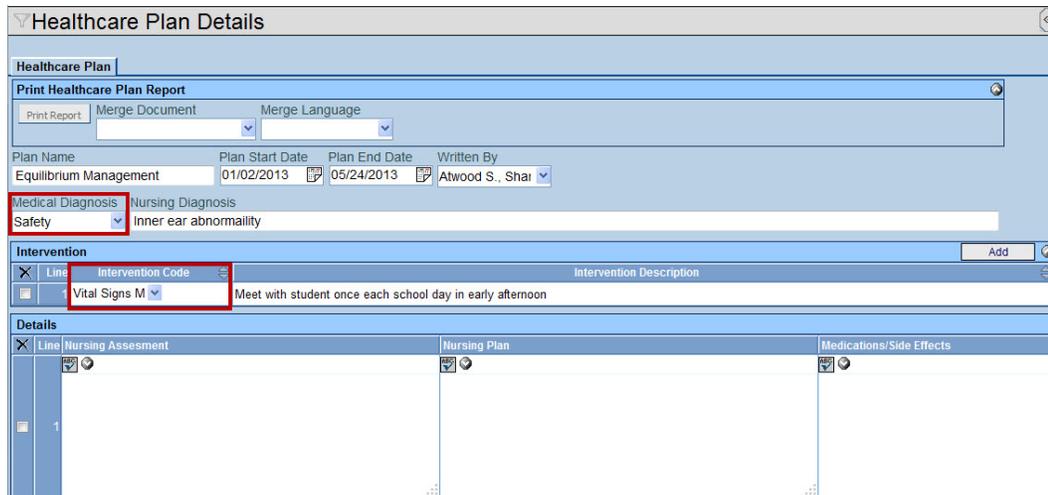


Figure 3.28 – Healthcare Plan Details Screen

- Medical Diagnosis** – a list of medical diagnosis based on NANDA nursing diagnosis Definition and Classification codes. The lookup table is located under **K12.HealthInfo.NursePlan**, and the table name is **Medical Diagnosis**.

Name: Medical Diagnosis Namespace: K12.HealthInfo.NursePlan Locked: N									
Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value									
Lookup Values									
Line	ListOrder	Code	Description	Other SIS	State Code	All Code 3	All Code SIF	Status	
								Year Start	Year End
1	1	1	Circulation						
2	2	2	Ego Integrity						
3	3	3	Elimination						
4	4	4	Food/Fluid						
5	5	5	Neurosensory						
6	6	6	Safety						
7	7	7	Sexuality (component of integrity an						
80	0	0	Activity/Rest						

Figure 3.29 – Medical Diagnosis Lookup Table

- Intervention Code** – a list of intervention codes based on the Nursing Intervention Classification (NIC) codes. The lookup table is located under **K12.HealthInfo.NursePlan**, and the table name is **Intervention Code**.

Name: **Intervention Code** Namespace: **K12.HealthInfo.NursePlan** Locked: **N**

Use Code as the State Code - all values reported to state will be used from the lookup code and not evaluate to the State Code unless the State Code is non-blank for a given value

Lookup Values										Add	
X	Line	ListOrder	Code	Description	Other SIS	State Code	Alt Code 3	Alt Code SIF	Status		
									Year Start	Year End	
	1		AIRMG	Airway Management							
	2		BLEED	Bleeding Reduction, Wound							
	3		CAST	Cast Care: Maintenance							
	4		ERILL	Emergency Care (Illness)							
	5		ERINJ	Emergency Care (injury)							
	6		NAUSE	Nausea Management							
	7		NOSEB	Bleeding Reduction, Nasal							
	8		REST	Rest							
	9		VS	Vital Signs Monitoring							
	10		WOUND	First Aid for minor injury							
	11	0	ADMIN	Admission Care							

Figure 3.30 – Intervention Code Lookup Table

Chapter Four: ACCIDENT REPORT & TASK SETUP

In this chapter, the following topics are covered:

- ▶ How to customize the Health Accident Report
- ▶ Setting up the Health Tasks

SETTING UP THE HEALTH ACCIDENT REPORT

The Health Accident Report can be printed from the Accident Detail tab in the detailed screen of the Nurse's Log tab in the Health screen. It is designed to give educators an easy way to print a letter to send to the student's parents when an accident occurs. Different types of forms can be created depending on the nature of the accident, such as a simple report or a more detailed report. The report may also be created in any language, and the appropriate language will be selected at the time of printing based on either the student's home language or primary language.

The screenshot shows the 'Health' screen for a student named Billy C. Abbott. The 'Nurse's Log' tab is active, and the 'Accident Detail' sub-tab is selected. A table of log entries is visible, with the entry for 10/01/2010 highlighted. A pop-up window titled 'Print Health Accident Report' is open, showing a 'Print Report' button circled in red, along with 'Merge Document' and 'Merge Language' options. Below the pop-up, there are fields for 'Accident Date', 'Accident Time', and 'Initial Care Given/By Whom'.

Figure 4.1 – Health Screen, Nurse's Log Tab, Detailed Screen, Accident Detail Tab

The form is a letter composed in Word that is merged with information from the accident detail record such as the student's name and address and the nature of the accident. The information pulled from the accident detail can be customized as well.

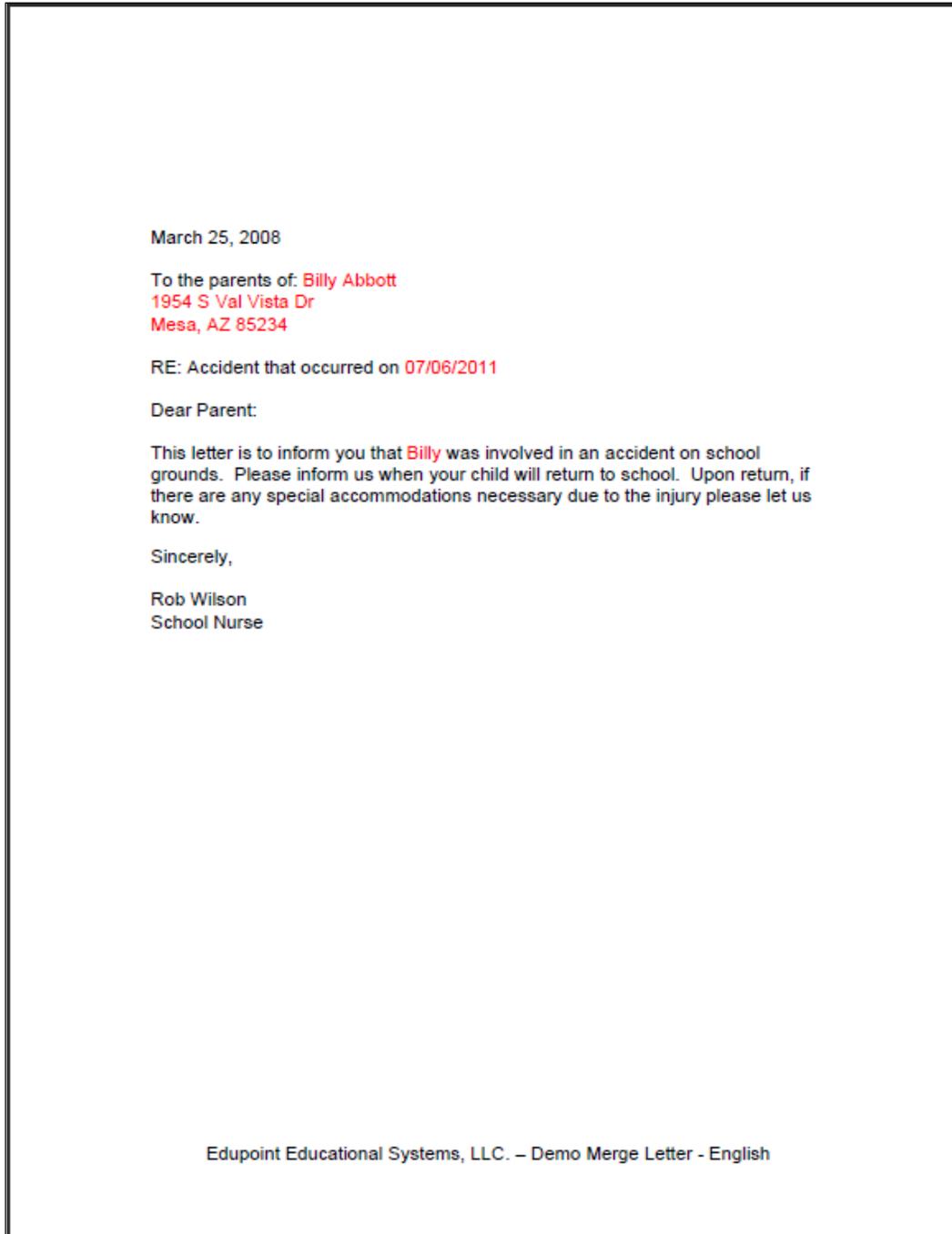


Figure 4.2 – Health Accident Report

Setting up a health accident report consists of two steps. The first step is creating the letter in Microsoft Word, and the second step is adding the letter to Synergy SIS and defining it as a health accident report.

To create the letter, start a new document in any version of Microsoft Word. Write the letter, and then add the fields to be used when merging the letter with the information from the discipline record. The field names need to be entered in the following format as Word merge fields:

<<FieldName >>

Common field names to use are FirstName, LastName, Address, CityStateZipCode, IncidentLocation, IncidentDate, and IncidentTime.



Figure 4.3 – Health Accident Report Word Document

For more information about creating a mail merge document, please refer to the chapter on Mail Merges in the *Synergy SIS – System Administrator Guide*.

The letter can be standardized either at the district level or at the school level. To set the letter as standard across the district, use the **Mail Merge District Definition** screen. To create a letter specific to the school, use the **Mail Merge Definition** screen. Other than the screen, the instructions below are the same for each screen. While the instructions below specify the Mail Merge Definition, they can also be used in the Mail Merge District Definition screen.

To add the letter to Synergy SIS and define it as a health accident report:

1. Go to the **Mail Merge Definition** screen, found under Synergy SIS > System > Setup.

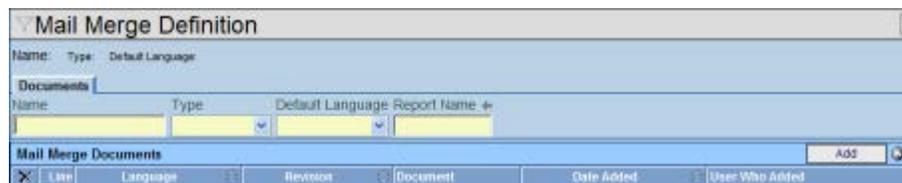


Figure 4.4 – The Mail Merge Definition Screen

- Click the **Add** button at the top of the screen. A new Mail Merge Definition screen pops-up. Required fields have an aqua color instead of white.

Figure 4.5 – Adding a Mail Merge Definition

- Enter a **Name** for the health accident report, such as Accident Report or Detailed Accident Report.
- Select the **Type** of definition from the drop down list. The options are General or Labels. For the Health Accident Report, select General.
- Choose the **Default Language** to be used for the form from the drop-down list. It can be set to any language defined within Synergy SIS.
- To set this letter as the Health Accident Report, the report must be defined as the report name. To select the health accident report as the report name, click on the **gray arrow next to the Report Name field**.
- The Find Foreign Key screen appears. To find the health accident report, enter “**HLT203**” in the Number field and click the **Find** button.

Line	Namespace	Name	Number
1	K12.HealthInfo.Reports	Student Health Accident Report	HLT203

Figure 4.6 – Searching for a Report

- A list of health-related reports appears. Select the **Student Health Accident Report (HLT203)** by clicking on it in the list, and click the **Select** button at the top of the screen.

Line	Namespace	Name	Number
1	K12.HealthInfo.Reports	Student Health Accident Report	HLT203

Figure 4.7 – Find Report Def Screen, Selecting

- The name of the report now appears in the Report Name field. To save the definition, click the **Save** button at the top of the screen.

The screenshot shows the 'Mail Merge Definition' window. At the top are 'Save' and 'Close' buttons. Below the title bar, there are fields for 'Name', 'Type', 'Default Language', and 'Report Name'. The 'Name' field contains 'Accident Report', 'Type' is 'General', 'Default Language' is 'English', and 'Report Name' is 'HLT203 - Student Health Accident Report'.

Figure 4.8 – The completed Mail Merge Definition

Once the definition has been created, the letter created in the first step needs to be attached to the definition. To attach the letter:

- Click the **Add** button in the Mail Merge Documents section

This screenshot is similar to Figure 4.8 but shows the 'Mail Merge Documents' section at the bottom. A red circle highlights the 'Add' button in the top right corner of this section.

Figure 4.9 – Mail Merge Definition screen

- Select the document created by click the **Browse** button and clicking on it.

The dialog box is titled 'Attach document'. It contains the text 'Steps To Upload Image:' followed by two numbered steps: '1) Click Browse and select the file you wish to upload' and '2) Click Upload'. Below the text is a text input field with a 'Browse...' button to its right, and an 'Upload' button below the input field.

Figure 4.10 – Uploading a Document

- Once the document name appears in the box, click the **Upload** button.

This screenshot shows the 'Mail Merge Documents' grid. A new row has been added with the following data: 'English' in the Language column, an icon in the X column, and '03/25/2008 10:30:00' in the Date Added column. The 'User Who Added' column shows 'Wilson, Rob'.

Figure 4.11 – Uploaded Document, Mail Merge Definition screen

- A new line is added to the Mail Merge Documents grid, with an icon for the attached document and the date and user name of the staff who added the document.
- Select the language of the document from the **Language** drop-down list.
- To track which version of the letter is currently in use, enter the **Revision** name or number.
- Click the **Save** button at the top of the screen.

Multiple documents can be attached to one definition, each in a different language. To view the existing attached document, click on the **Word icon** in the Document column.

To delete a document, click the box in the **X** column and click the **Save** button. To delete the entire definition, first delete all attached documents and then click the **Delete** button at the top of the screen.

SETTING UP THE HEALTHCARE PLAN REPORT

The Healthcare Plan Report can be printed from the Healthcare Plan Detail screen of the Individual Healthcare Plan screen. It is designed to give health staff an easy way to print a letter to send to the student's parents when a plan needs to be put in place to deal with a student's long-term or chronic medical issue. The report may be created in any language, and the appropriate language will be selected at the time of printing based on either the student's home language or primary language.

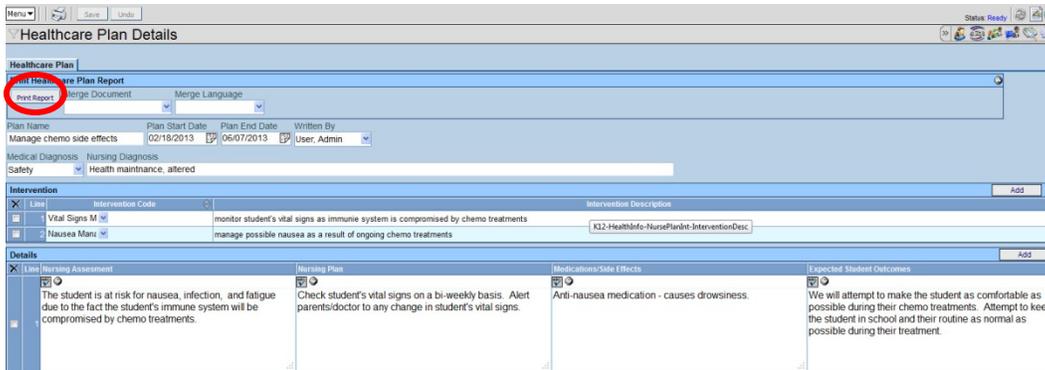


Figure 4.12 – Healthcare Plan Details Screen,

The form is a letter composed in Word that is merged with information from the Healthcare Plan detail record such as the student's name and address and the plan name.

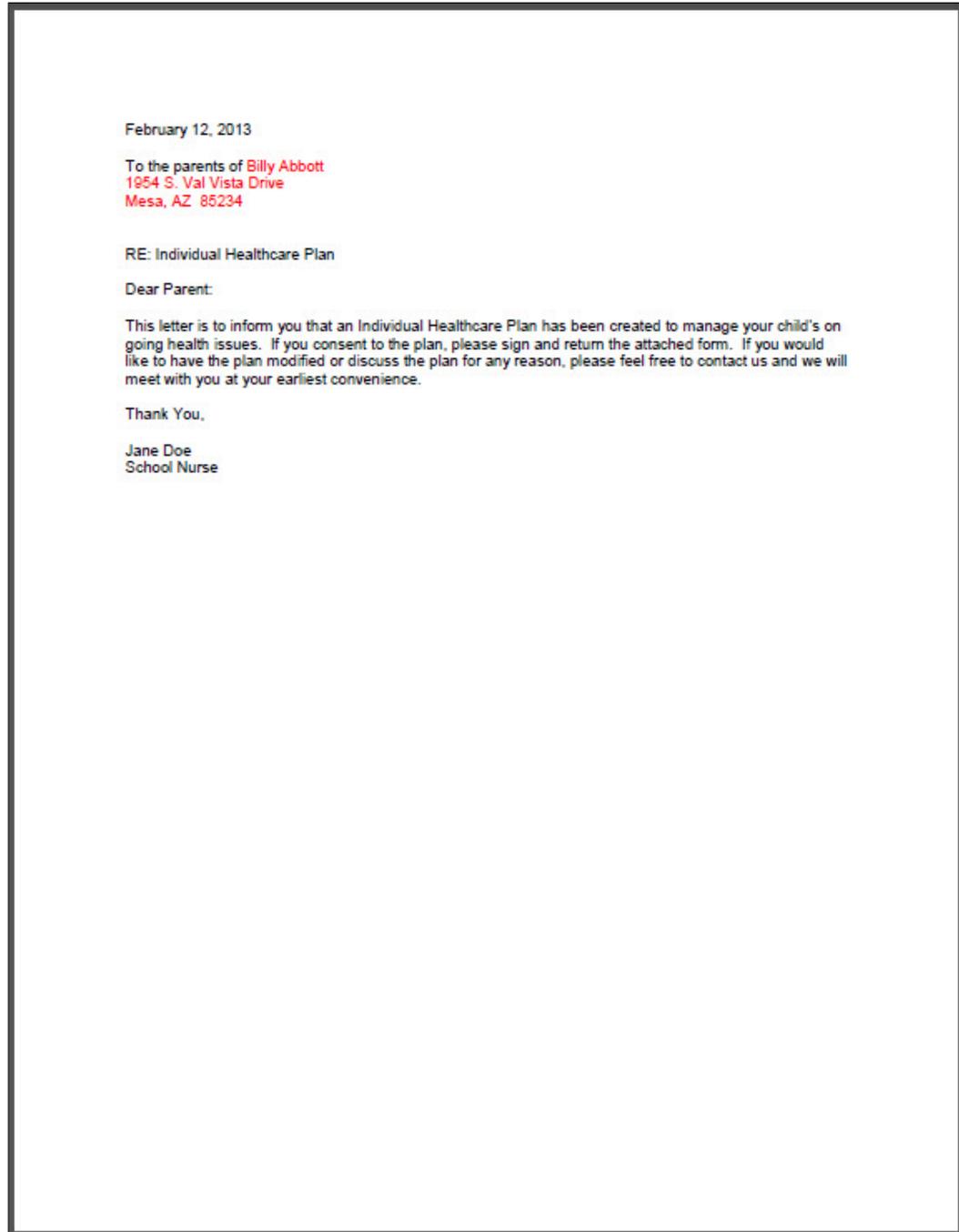


Figure 4.13 – Healthcare Plan Report letter

Setting up a health accident report consists of two steps. The first step is creating the letter in Microsoft Word, and the second step is adding the letter to Synergy SIS and defining it as a health accident report.

To create the letter, start a new document in any version of Microsoft Word. Write the letter, and then add the fields to be used when merging the letter with the information from the discipline record. The field names need to be entered in the following format as Word merge fields:

<<FieldName >>

Common field names to use are FirstName, LastName, Address, CityStateZipCode, PlanName, PlanStartDate, and PlanEndDate.

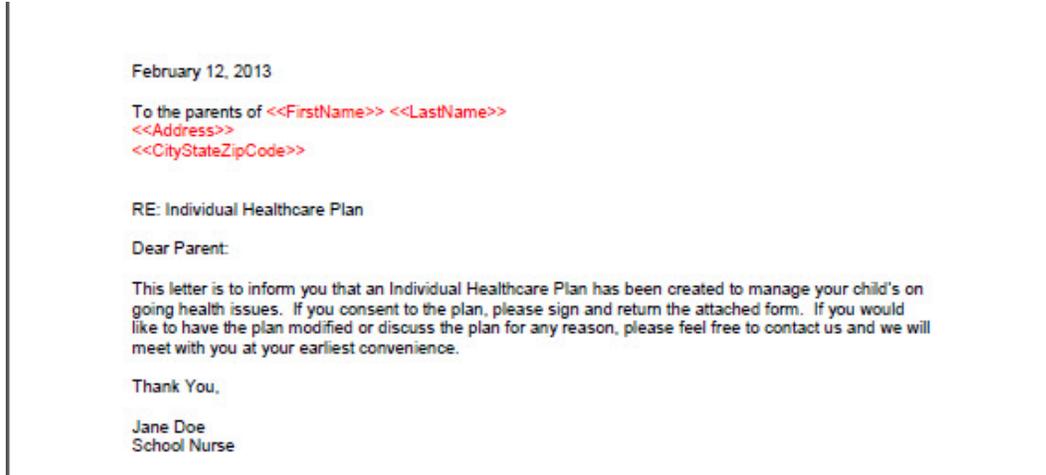


Figure 4.14 – Healthcare Plan Report Word Document

For more information about creating a mail merge document, please refer to the chapter on Mail Merges in the *Synergy SIS – System Administrator Guide*.

The letter can be standardized either at the district level or at the school level. To set the letter as standard across the district, use the **Mail Merge District Definition** screen. To create a letter specific to the school, use the **Mail Merge Definition** screen. Other than the screen, the instructions below are the same for each screen. While the instructions below specify the Mail Merge Definition, they can also be used in the Mail Merge District Definition screen.

To add the letter to Synergy SIS and define it as a health accident report:

1. Go to the **Mail Merge Definition** screen, found under Synergy SIS > System > Setup.

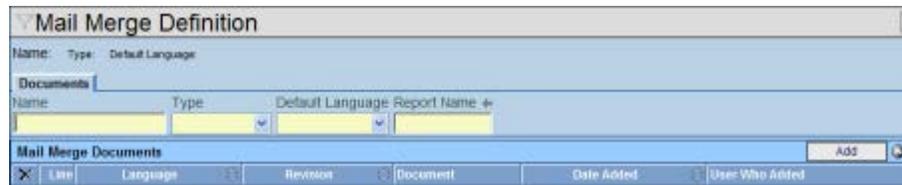


Figure 4.15 – The Mail Merge Definition Screen

- Click the **Add** button at the top of the screen. A new Mail Merge Definition screen pops-up. Required fields have an aqua color instead of white.

Figure 4.16 – Adding a Mail Merge Definition

- Enter a **Name** for the health accident report, such as Individual Healthcare Plan or Healthcare Plan Report.
- Select the **Type** of definition from the drop down list. The options are General or Labels. For the Healthcare Detail Plan Report, select General.
- Choose the **Default Language** to be used for the form from the drop-down list. It can be set to any language defined within Synergy SIS.
- To set this letter as the Healthcare Detail Plan Report, the report must be defined as the report name. To select the health accident report as the report name, click on the **gray arrow next to the Report Name field**.
- The Find Foreign Key screen appears. To find the healthcare detail plan report, enter “**HLT213**” in the Number field and click the **Find** button.

Figure 4.17 – Searching for a Report

- A list of health-related reports appears. Select the **Student Nurse Plan Report (HLT213)** by clicking on it in the list, and click the **Select** button at the top of the screen.

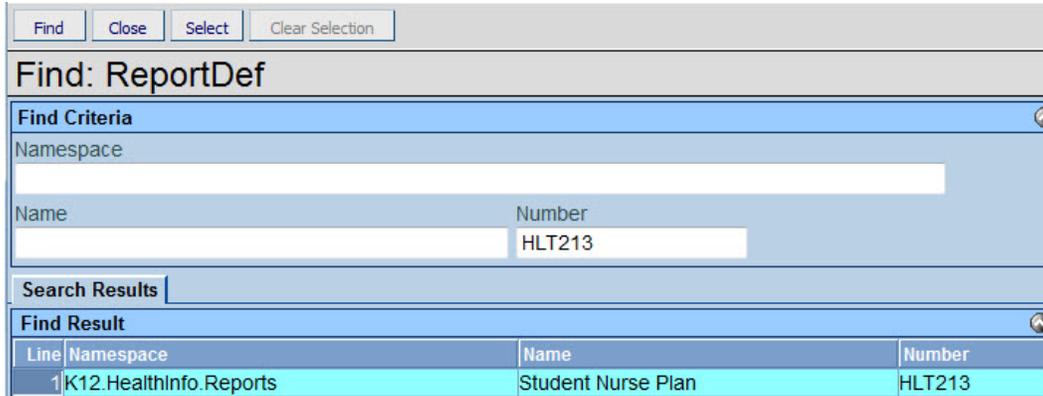


Figure 4.18 – Find Report Def Screen, Selecting

9. The name of the report now appears in the Report Name field. To save the definition, click the **Save** button at the top of the screen.



Figure 4.19 – The completed Mail Merge Definition

Once the definition has been created, the letter created in the first step needs to be attached to the definition. To attach the letter:

1. Click the **Add** button in the Mail Merge Documents section

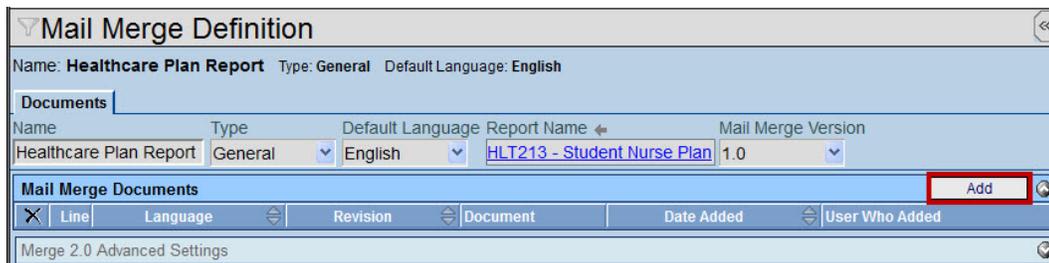


Figure 4.20 – Mail Merge Definition screen

2. Select the document created by clicking the **Browse** button and clicking on it.

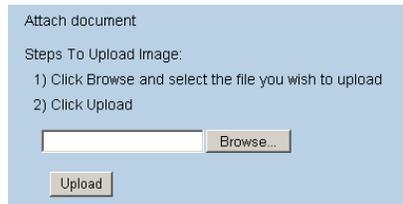


Figure 4.21 – Uploading a Document

3. Once the document name appears in the box, click the **Upload** button.

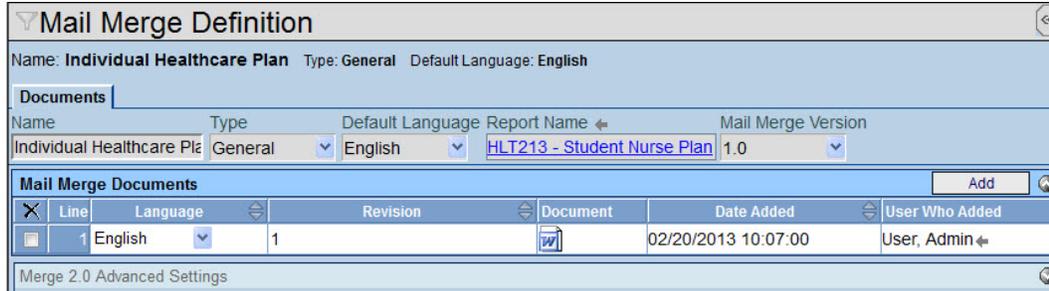


Figure 4.22 – Uploaded Document, Mail Merge Definition screen

4. A new line is added to the Mail Merge Documents grid, with an icon for the attached document and the date and user name of the staff who added the document.
5. Select the language of the document from the **Language** drop-down list.
6. To track which version of the letter is currently in use, enter the **Revision** name or number.
7. Click the **Save** button at the top of the screen.

Multiple documents can be attached to one definition, each in a different language. To view the existing attached document, click on the **Word icon** in the Document column.

To delete a document, click the box in the **X** column and click the **Save** button. To delete the entire definition, first delete all attached documents and then click the **Delete** button at the top of the screen.

HEALTH TASK INFORMATION

To create the list of medications and procedures that need to be administered each day in the Medication and Service Monitor screen, scheduled tasks have been created in the Task Definition screen that run each day to create the tasks based on the information entered on the Medications tab of the Health screen. To turn on these tasks or run the tasks ahead of schedule:

1. Go to the **Task Definition** screen, found under Synergy SIS > System > Setup.

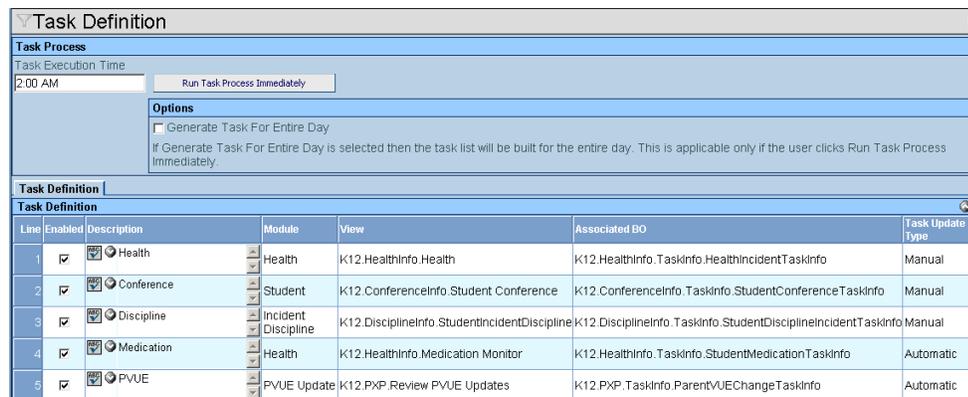


Figure 4.23 – Task Definition Screen

2. The tasks for the Medication and Service Monitor screen are called **Procedures** and **Medications**. To turn on these tasks, check the box labeled **Enabled** in front of each task. To turn them off for school breaks, uncheck the box.
3. To adjust the time at which the tasks are run, enter the time in the **Task Execution Time** box.
4. Click the **Save** button at the top of the screen.

To run the tasks out of schedule:

1. Click the **Run Task Process Immediately** button.
2. A box pops-up to confirm if the task process should be run. Click **OK** to run all of the enabled tasks.

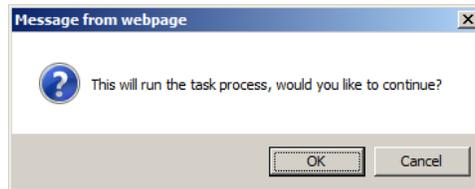


Figure 4.24 – Continue Prompt

3. The Medications and Service Monitor screen lists all of the tasks due today.



Caution: If the tasks already ran on schedule, running the processes immediately may create duplicate tasks. Don't check the box **Generate Task for Entire Day** to only add the new tasks.

Chapter Five: SECURITY

In this chapter, the following topics are covered:

- ▶ The location of the security nodes for the health-related screens

Security for each of the screens discussed throughout this manual is defined by two options: the **PAD Security** screen and the **Security Definition** screen. Both of these screens are found under Synergy SIS > System > Security. How each of these screens work and how security is defined is covered in detail in the *Synergy SIS - Security Administrator Guide*. This chapter outlines where the security for each part of each health-related screen may be defined in the Security Definition screen.

IMMUNIZATION DEFINITION SECURITY

The **Immunization Definition** screen, found under Synergy SIS > Health > Setup, is controlled by multiple security nodes. The entire **Immunizations grid** is controlled by the node:

K12.HealthInfo.Setup.School Vaccination Setup

The data on the main screen of the grid, such as **Name, Sequence & Dosages**, is controlled by this security node:

K12.HealthInfo.Setup.SchoolVaccinationCode

Immunization Definition										
School Year: 2010-2011										
Immunization Definition Immunization Report Settings Options										
Vaccination Type										
Dosage interval validation on a sliding date scale										
Immunizations										
Line	Name	Sequence	Dosages		Minimum Age For Last Dosage		Continuing Booster Interval		Gender	
			Total	Required						
1	Polio	1	5	3	4	Year(s)				
2	Vaccella	2	1	0	12	Year(s)				
3	Vaccella 13+	3	2	0						
4	DTP/DTaP/DT	4	6	4	4	Year(s)	10	Year(s)		
5	MMR	4	4	2						
6	Td	4	4	3			10	Year(s)		
7	HB	5	4	1						
8	HBV 2 DOSE	6	2	2						
9	HBV	7	4	3						
10	HEP A	11	2	0	2	Year(s)				
11	Menigococcal	12	1	1	11	Year(s)	11			
Immunization Groups										
Line	Group Name	Group Type	Merge Data Type							
1	DTP/Td	Combined	<input type="checkbox"/>							
2	HBV	Individually	<input type="checkbox"/>							
3	Vaccella	Individually	<input type="checkbox"/>							

Figure 5.1 – Immunization Definition Screen

The **Validation Type** field at the top of the screen is controlled by this security node:

K12.HealthInfo.Setup.SchoolVaccinationScreen

The above security node also controls the **Immunization Report Settings** tab.

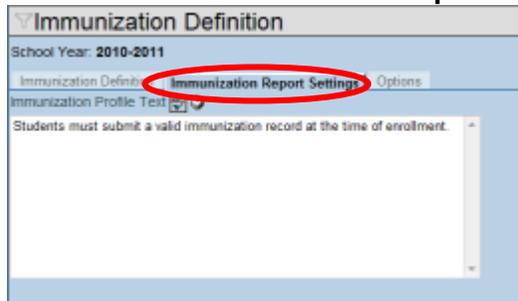


Figure 5.2 – Immunization Definition Screen, Immunization Report Settings Tab

In the detailed screen of each immunization definition, the **Dosages** tab is controlled by this security node:

K12.HealthInfo.Setup.SchoolVaccinationDosage

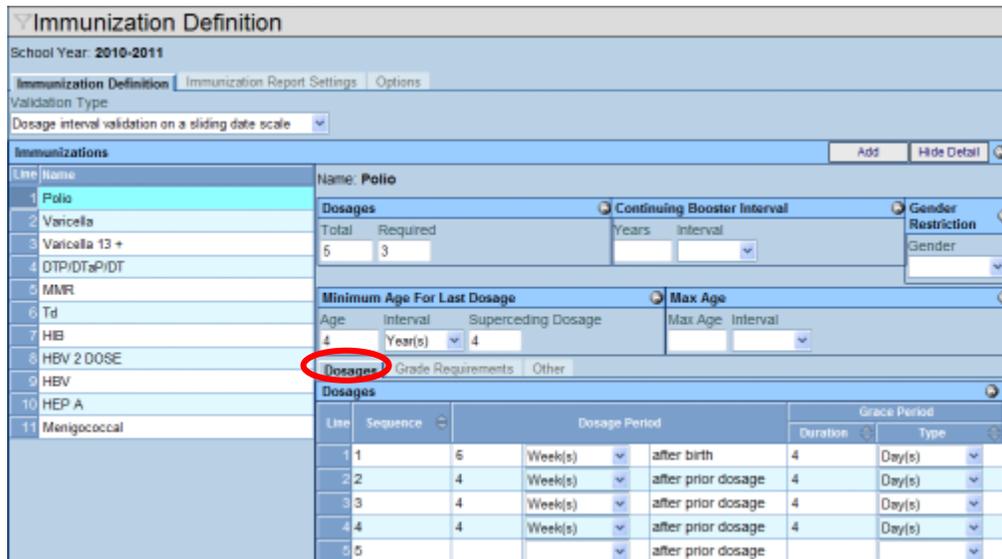


Figure 5.3 – Immunization Definition Screen, Detailed, Dosages Tab

In the detailed screen of each immunization definition, the entire **Grade Requirements** tab is controlled by this security node:

K12.HealthInfo.Setup.SchoolGrdReqGrid

The individual dosage requirements for each grade level are controlled by this security node:

K12.HealthInfo.Setup.SchoolVaccinationGrdReq

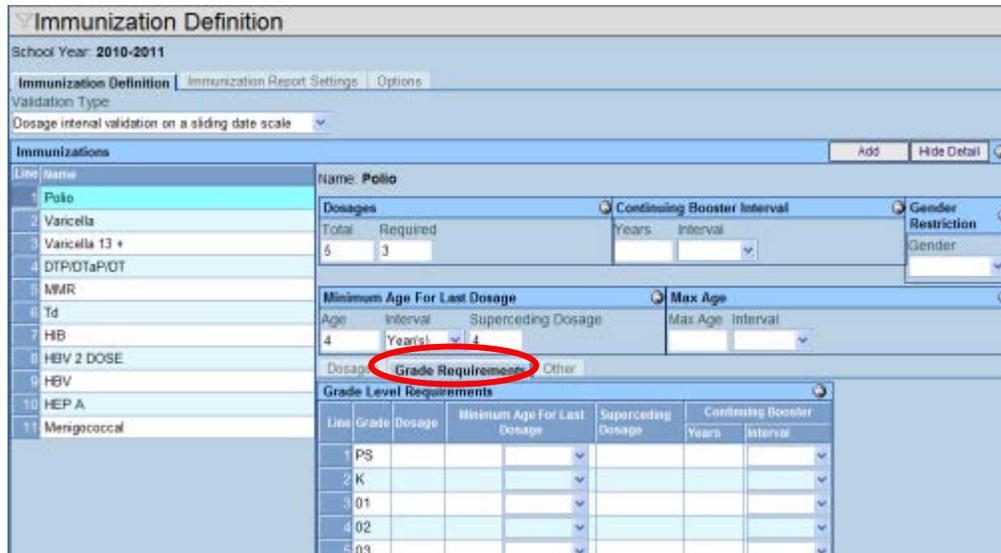


Figure 5.4 – Immunization Definition Screen, Detailed, Grade Requirements Tab

In the detailed screen of each immunization definition, the entire **Other tab** is controlled by this security node:

K12.HealthInfo.Setup.SchoolVaccinationSchYr

The above security node also controls the top part of the detailed screen, including the **Dosages, Continuing Booster Interval, Minimum Age for Last Dosage and Max Age sections.**

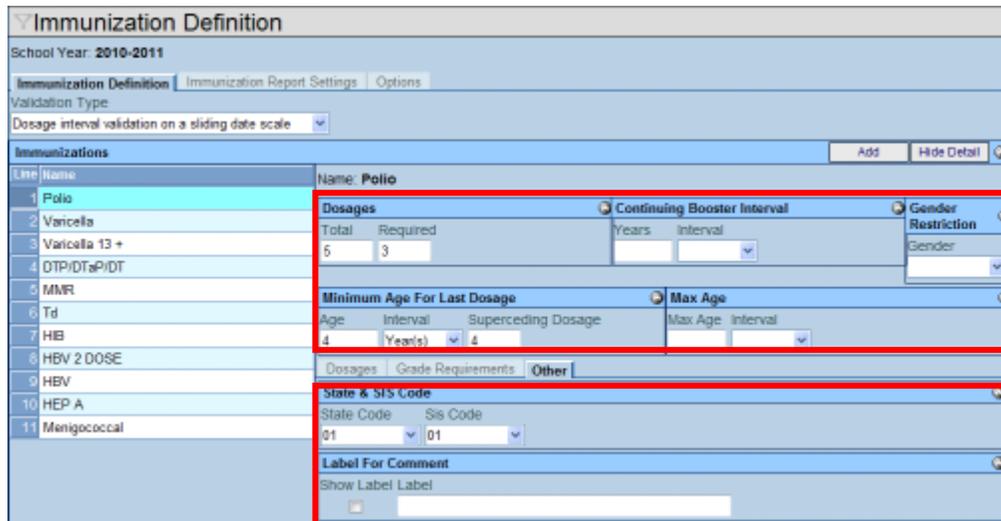


Figure 5.5 – Immunization Definition Screen, Detailed, Other Tab

The entire **Immunization Groups** grid at the bottom of the screen is controlled by this security node:

K12.HealthInfo.Setup.SchoolVaccGroupGrid

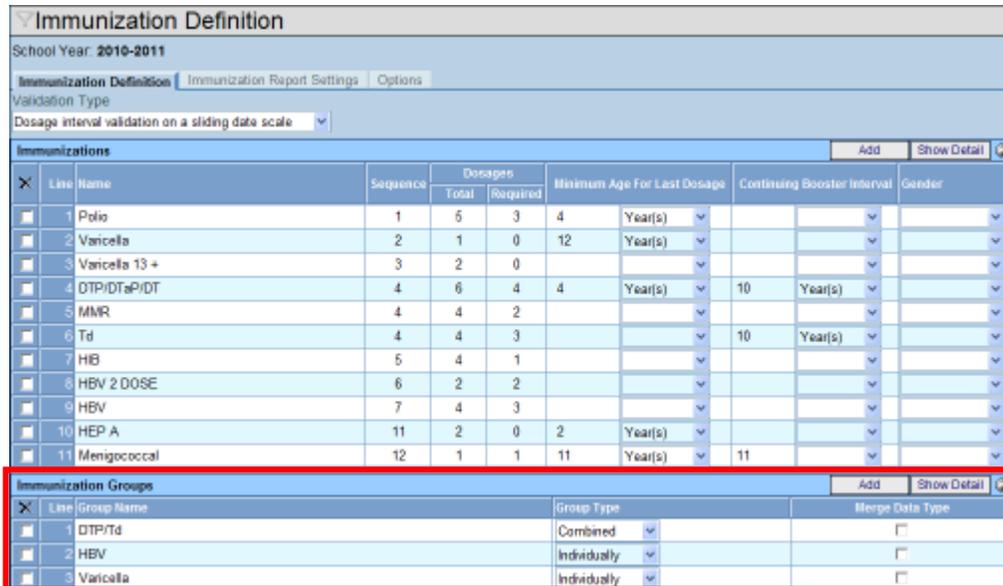


Figure 5.6 – Immunization Definition Screen

In the detailed screen of each immunization group, the **Immunization Choices checkboxes** are controlled by this security node:

K12.HealthInfo.Setup.SchoolVaccinationGroup

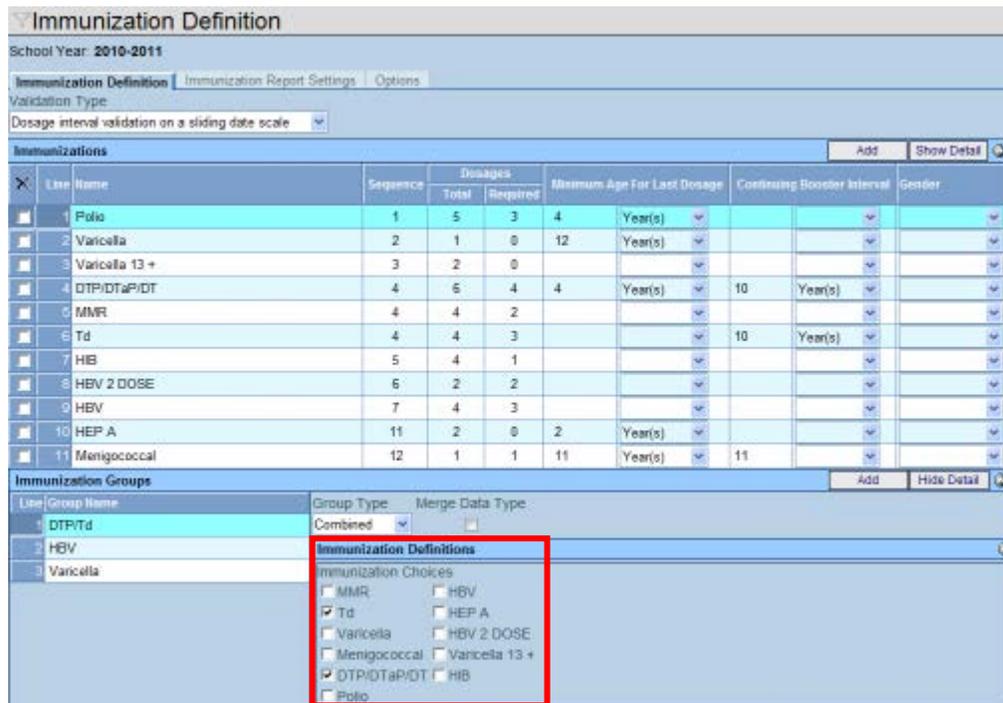


Figure 5.7 – Immunization Definition Screen, Detailed Screen of Immunization Groups

The following security nodes do not provide a visible change in security on the screens:

- K12.Setup.VaccinationDefinition
- K12.Setup.VaccinationDosageDefinition
- K12.HealthInfo.Setup.SchoolStudentDosage
- K12.HealthInfo.Setup.SchoolVaccination
- K12.HealthInfo.Setup.SchoolVaccinationGroupDef

HEALTH SECURITY

Each of the tabs in the **Health screen**, found under Synergy SIS > Health, is controlled by their own security nodes, and no one security node controls the entire screen.

The **Nurse's Log tab** is controlled by this security node:

K12.HealthInfo.HealthIncident

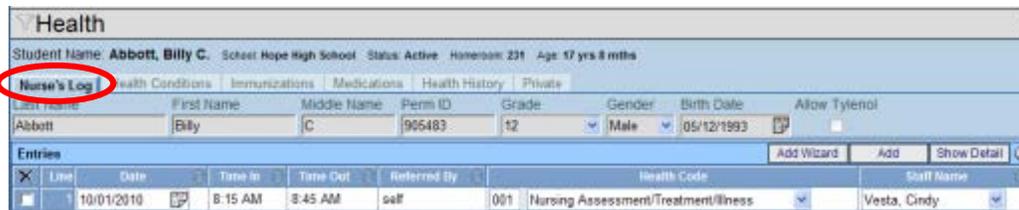


Figure 5.8 – Health Screen, Nurse's Log Tab

The **Clinical Code section** of the detailed screen of the Nurse's Log tab is controlled by this security node:

K12.HealthInfo.StudentClinicalCodes

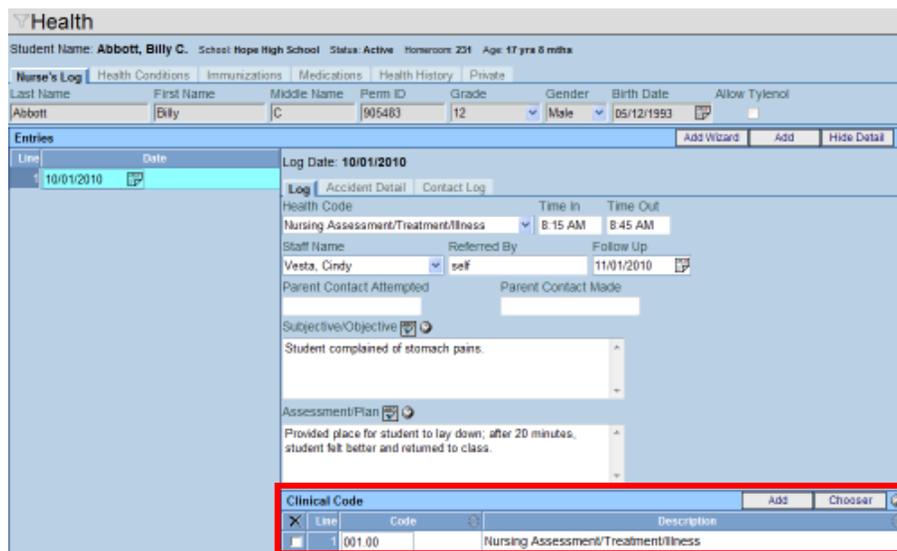


Figure 5.9 – Health Screen, Nurse's Log Tab, Detailed Screen, Clinical Code Section

The Contact Log tab of the detailed screen of the Nurse’s Log tab is controlled by this security node:

Revelation.RevPersonContact

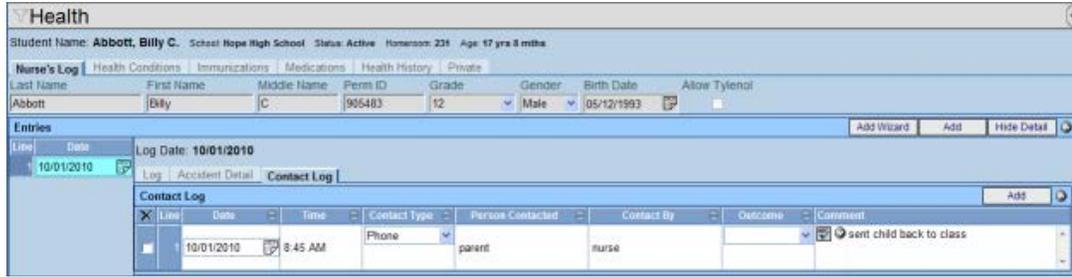


Figure 5.10 – Contact Log Tab, Detailed Screen, Nurse’s Log



Caution: This security node also controls the Student Contact Log tab of the Student screen.

The **Health Conditions** tab is controlled by this security node:

K12.HealthInfo.HealthConditions

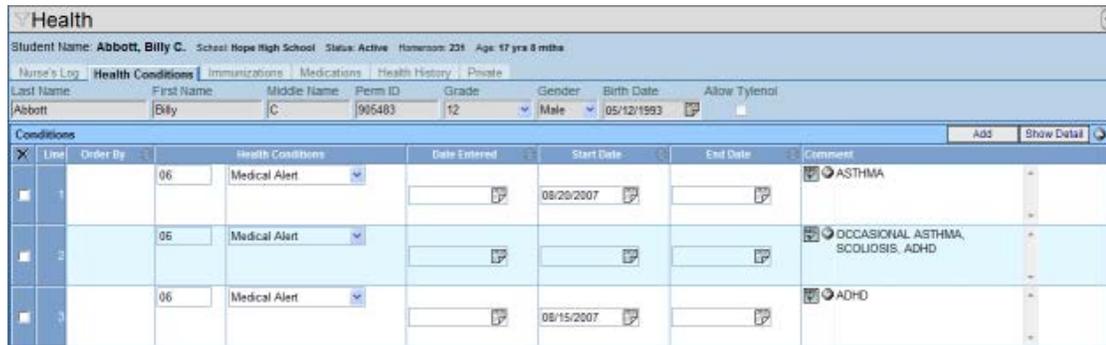


Figure 5.11 – Health Screen, Health Conditions Tab

The **Immunizations tab** is controlled by eight different security nodes. The **Immunizations grid** at the top of the screen is controlled by this security node:

K12.HealthInfo.StudentVaccinationGrid

The **Dosage Data grid** in the middle of the screen is controlled by this security node:

K12.HealthInfo.StudentVaccinationQuickDataEntryGrid

Health						
Student Name: Abbott, Billy C. School: Hope High School Status: Active Room: 221 Age: 17 yrs 8 mths						
Nurse's Log Health Conditions Immunizations Medications Health History Private						
Last Name	First Name	Middle Name	Perm ID	Grade	Gender	Birth Date
Abbott	Billy	C	905483	12	Male	05/12/1993
Immunizations						
Line	Name	Status as of 01/19/2011				
1	Polio	<input checked="" type="checkbox"/>	Compliant (5 valid dosage(s))			
2	Varicella	<input checked="" type="checkbox"/>	Not Required (0 valid dosage(s))			
3	Varicella 13 +	<input checked="" type="checkbox"/>	Not Required (0 valid dosage(s))			
4	DTP/DTaP/DT	<input checked="" type="checkbox"/>	Compliant (5 valid dosage(s))			
5	Td	<input checked="" type="checkbox"/>	Compliant (5 valid dosage(s))			
6	MMR	<input type="checkbox"/>	Not Compliant (1 valid dosage(s))			
7	HIB	<input checked="" type="checkbox"/>	Compliant (4 valid dosage(s))			
8	HBV 2 DOSE	<input type="checkbox"/>	Not Compliant (1 valid dosage(s))			
9	HBV	<input type="checkbox"/>	Not Compliant (0 valid dosage(s))			
10	HEP A	<input checked="" type="checkbox"/>	Not Required (0 valid dosage(s))			
11	Meningococcal	<input checked="" type="checkbox"/>	Compliant (0 valid dosage(s))			
Dosage Data						
Line	Name	1	2	3	4	5
1	Polio	02/02/2004	01/29/2005	03/03/2007	04/04/2008	05/06/2009
2	Varicella	02/25/2011				
3	Varicella 13 +					
4	DTP/DTaP/DT	02/02/2004	01/29/2005	03/03/2007	04/04/2008	05/06/2009
5	Td	09/10/2010				
6	MMR	05/06/2009				
7	HIB	02/02/2004	01/29/2005	04/04/2008	05/06/2009	
8	HBV 2 DOSE	11/27/2008	02/28/2009			
9	HBV					
10	HEP A	07/28/1997	07/29/1997			
11	Meningococcal					
Set Exemption And Compliance						
Immunization Record Data						

Figure 5.12 – Immunizations Tab, Health Screen

The **Set Exemption and Compliance** section is controlled by this security node:

K12.HealthInfo.StudentVaccinationUnbound

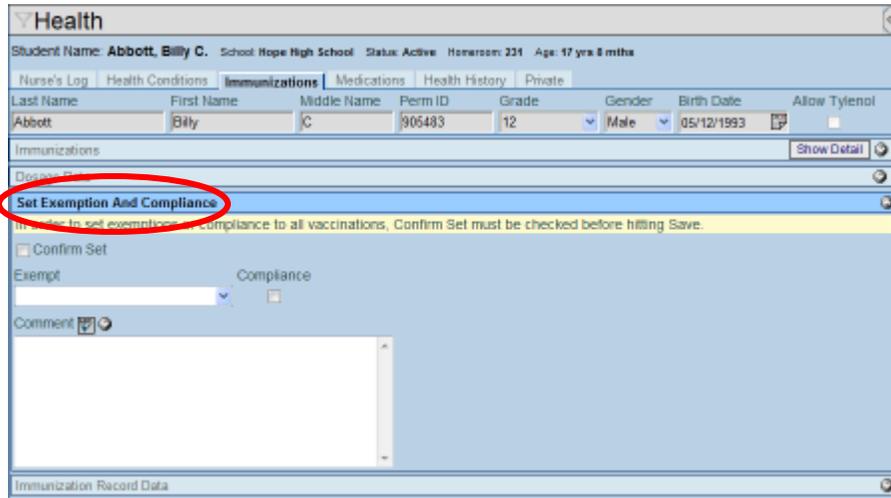


Figure 5.13 – Immunizations Tab, Health Screen, Set Exemption and Compliance

The **Immunization Record Data** section at the bottom of the screen is controlled by this security node:

K12.HealthInfo.HealthImmunizationData

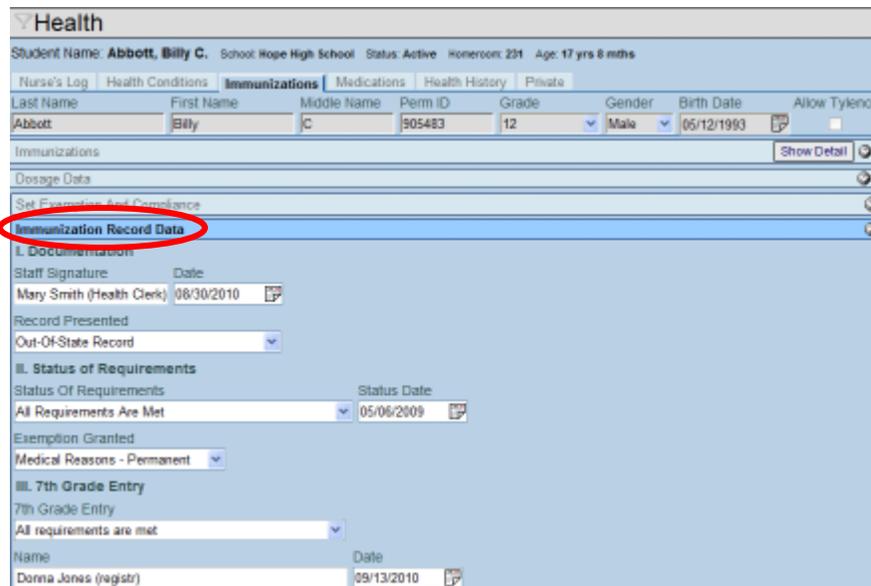


Figure 5.14 – Immunizations Tab, Health Screen, Immunization Record Data

The **detailed screen** of each immunization is controlled by two security nodes. The top part of the detailed screen, the **Student Dosage section**, is controlled by:

K12.HealthInfo.StudentDosageGrid

The security node **K12.HealthInfo.StudentDosage** also provides control over the data in the Student Dosage section.

The bottom part of the detailed screen, the **Exemption, Compliance Override and Comments section**, is controlled by this security node:

K12.HealthInfo.StudentDosageDetail

The security node **K12.HealthInfo.StudentVaccination** also provides control over the data in the Exemption, Compliance Override and Comments section.

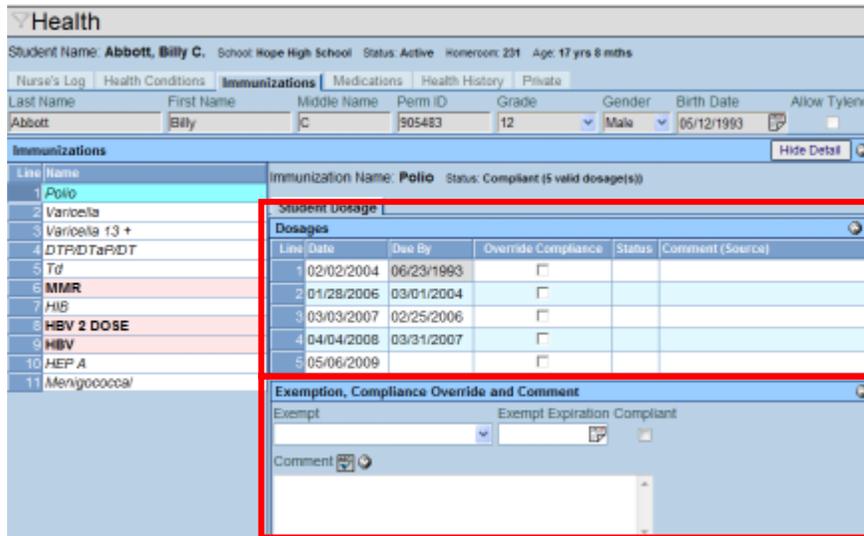


Figure 5.15 – Immunizations Tab, Health Screen, Detailed Screen

The **Medications tab** of the Health screen is controlled by eight different security nodes. The **Current Medications grid** is controlled by this security node:

K12.HealthInfo.StudentMedicationGrid

The **Current Procedures grid** is controlled by this security node:

K12.HealthInfo.StudentMedicationProcedureGrid

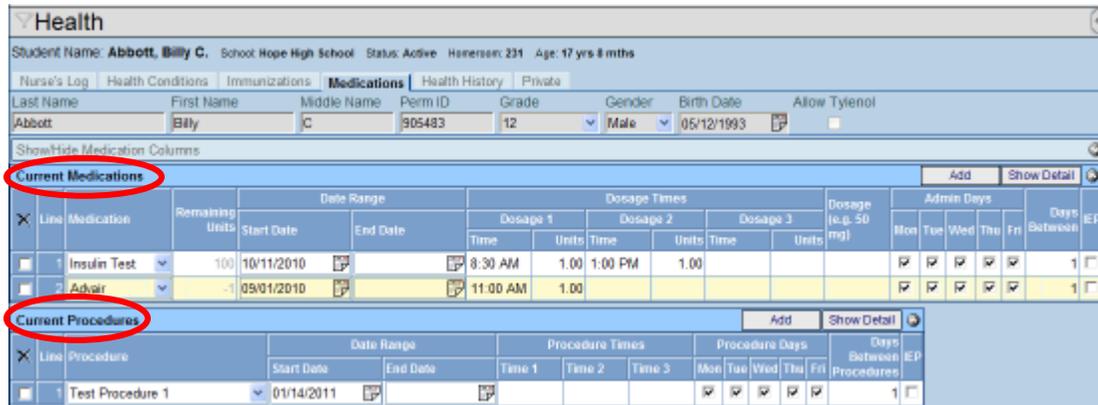


Figure 5.16 – Health Screen, Medications Tab

The **detailed screen of the Current Medications grid** is divided into three sections, each with its own security node. The **Student Medication section** is controlled by this security node:

K12.HealthInfo.StudentMedication

The **Student Health Conditions section** is controlled by this security node:

K12.HealthInfo.StudentMedicationHealthConditions

The **Student Medications Detail section** is controlled by this security node:

K12.HealthInfo.StudentMedicationTrackingGrid

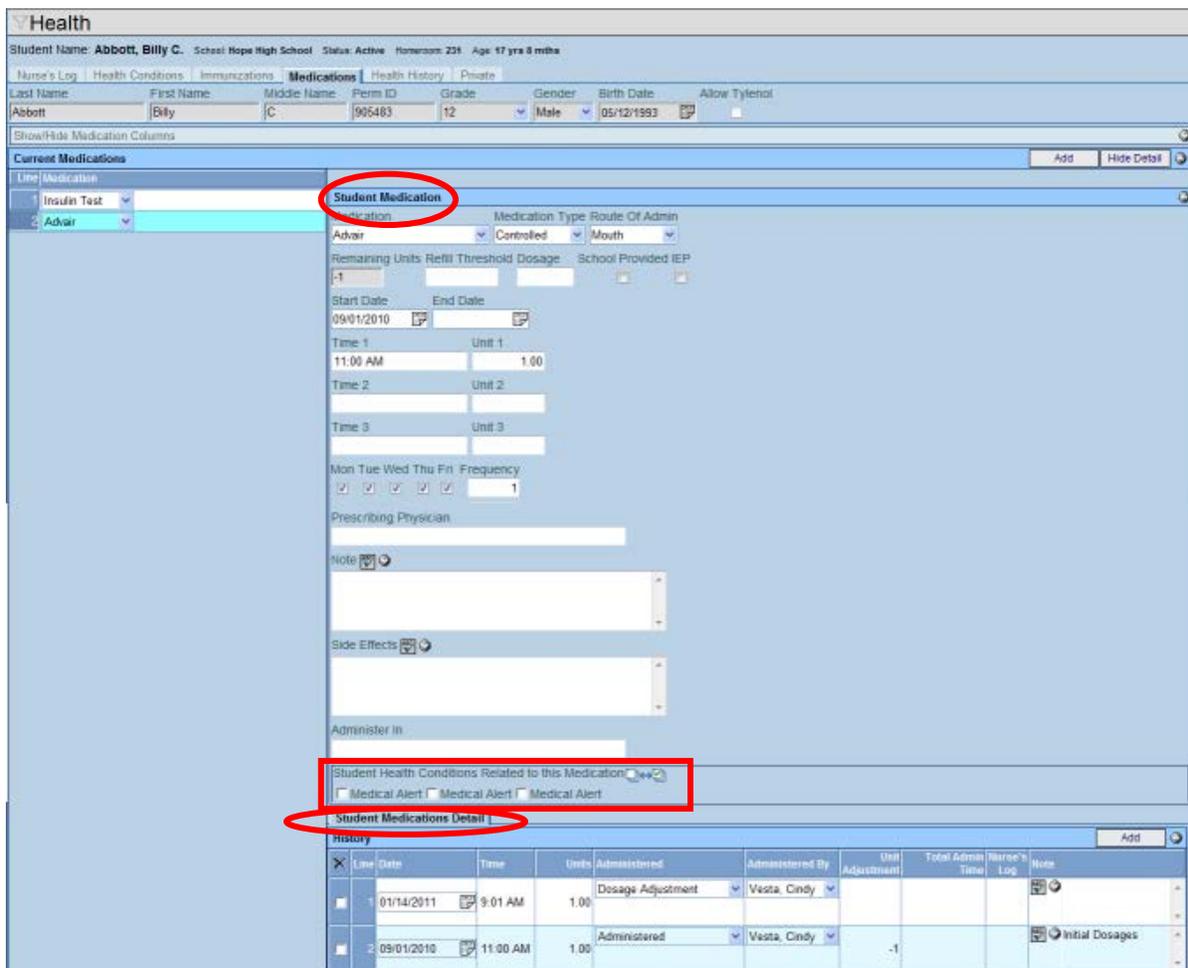


Figure 5.17 – Detailed Screen of Current Medications grid, Health Screen

The **detailed screen of the Current Procedures grid** is divided into three sections, each with its own security node. The **Student Medication Procedure** section is controlled by this security node:

K12.HealthInfo.StudentMedicationProcedure

The **Student Health Conditions** section is controlled by this security node:

K12.HealthInfo.StudentMedProcedureHealthConditions

The **Student Medication Procedure Detail** section is controlled by this security node:

K12.HealthInfo.StudentMedicationProcedureTrackingGrid

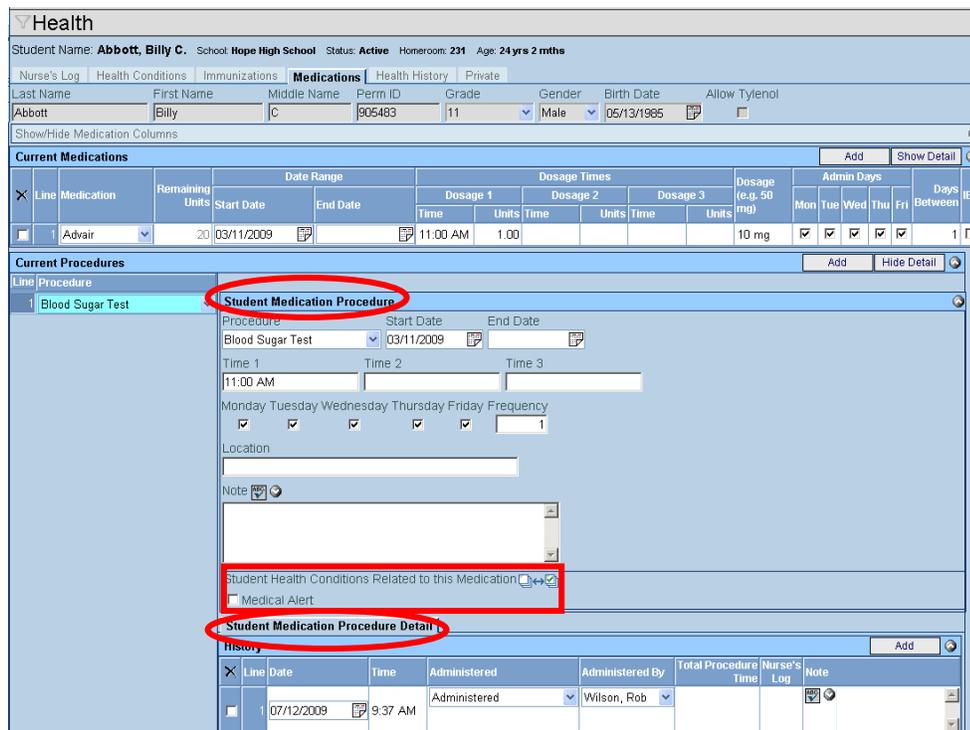


Figure 5.18 – Detailed Screen of Current Procedures grid, Health Screen

The **Private tab** is controlled by this security node:

K12.HealthInfo.HealthPrivateComment



Figure 5.19 – Health Screen, Private Tab

The following security nodes do not provide a visible change in security on the screens:

- K12.HealthInfo.UIVaccination
- K12.HealthInfo.StudentMedicationUI
- K12.HealthInfo.MedicationMonitorDetailUI
- K12.HealthInfo.MedicationMonitorUI
- K12.HealthInfo.ProcedureMonitorDetailUI
- K12.HealthInfo.ProcedureMonitorUI
- K12.HealthInfo.HealthCodeSetup
- K12.HealthInfo.HealthClinicalCodes
- K12.HealthInfo.HealthDefinitionCodeSetup
- K12.HealthInfo.HealthIncidentFollowUp
- K12.HealthInfo.HealthIncidentNotificationList
- K12.HealthInfo.StudentImmunization
- K12.HealthInfo.StudentVaccinationQuickDataEntry
- K12.HealthInfo.StudentVaccinationTotals
- K12.HealthInfo.MedicationMonitorGrid
- K12.HealthInfo.MedicationMonitorHistoryGrid
- K12.HealthInfo.ProcedureMonitorGrid
- K12.HealthInfo.ProcedureMonitorHistory
- K12.HealthInfo.StudentMedicationTracking
- K12.HealthInfo.StudentMedicationProcedureTracking

HEALTH LOG OTHER SECURITY

The **Health Log Other** screen, found under Synergy SIS > Health, is controlled by three security nodes. The grid on the main screen is controlled by this security node:

K12.HealthInfo.HealthLogOtherGrid



Figure 5.20 – Health Log Other Screen

The **detailed screen** of the accidents, as well as the Add Wizard and Add buttons, is controlled by this security node:

K12.HealthInfo.HealthLogOtherDetail

The **Clinical Codes grid** at the bottom of the detailed screen is controlled by this security node:

K12.HealthInfo.OtherClinicalCodes

The screenshot displays the 'Health Log Other' interface. At the top, it shows the organization name 'Hope High School' and the school year '2010-2011'. The 'Health Log' section includes a 'Log Date' field set to '10/01/2010' and a 'Go To Date' button. Below this is an 'Accidents' table with columns for 'Line' and 'Time In'. The first row shows '1' and '8:15 AM'. To the right of the table is an 'Effective Date' field set to '10/01/2010' and buttons for 'Add Wizard', 'Add', and 'Hide Detail'. A red box highlights the detailed form for the selected accident, which includes fields for 'Effective Date', 'Health Code', 'Patient Name', 'Patient Description', 'Time In', 'Time Out', 'Staff Name', 'Subjective/Objective', and 'Assessment/Plan'. Below the form is a 'Clinical Codes' grid with columns for 'Line', 'Clinical Code', and 'Description'. The grid contains one entry: Line 1, Clinical Code 005.00, and Description Nursing Assessment/Treatment/Injury.

Figure 5.21 – Health Log Other, Detailed Screen

The following security nodes do not provide a visible change in security on the screens:

- K12.HealthInfo.HealthLogOtherEntry

HEALTH SCREEN SECURITY

Each of the tabs of the **Health Screen** screen, found under Synergy SIS > Health, is controlled by a different security node. The entire **Tuberculosis tab** is controlled by this security node:

K12.HealthInfo.HealthScreenTB

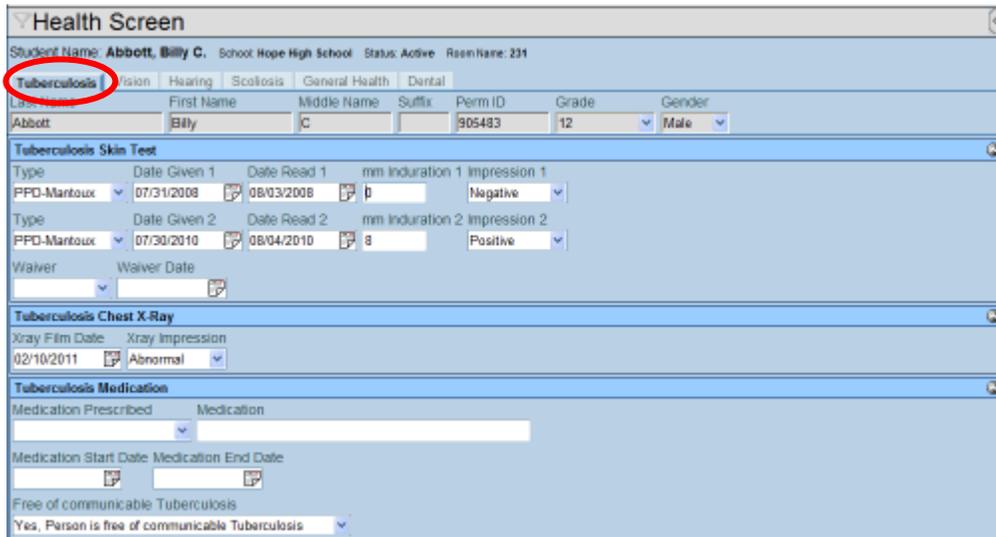


Figure 5.22 – Health Screen Screen, Tuberculosis Tab

The entire **Vision tab** is controlled by this security node:

K12.HealthInfo.HealthScreenVision

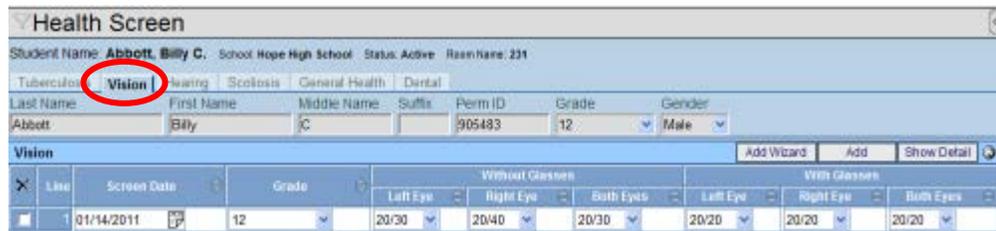


Figure 5.23 – Health Screen Screen, Vision Tab

The **Hearing tab** is controlled by three different security nodes. The **Hard of Hearing and Comment boxes** are controlled by the node:

K12.HealthInfo.HealthAudio

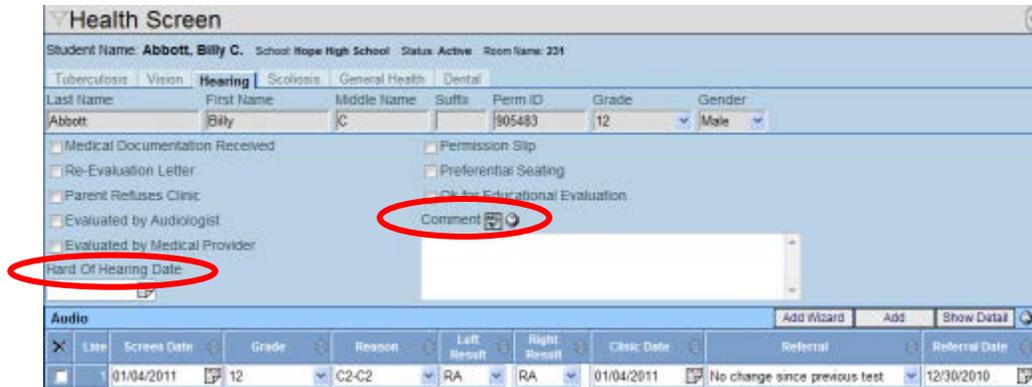


Figure 5.24 – Health Screen Screen, Hearing Tab

The **Evaluated by Audiologist or Medical Provider, Permission Slip and Preferential Seating checkboxes** are controlled by this security node:

K12.HealthInfo.HealthYearAudioWrap

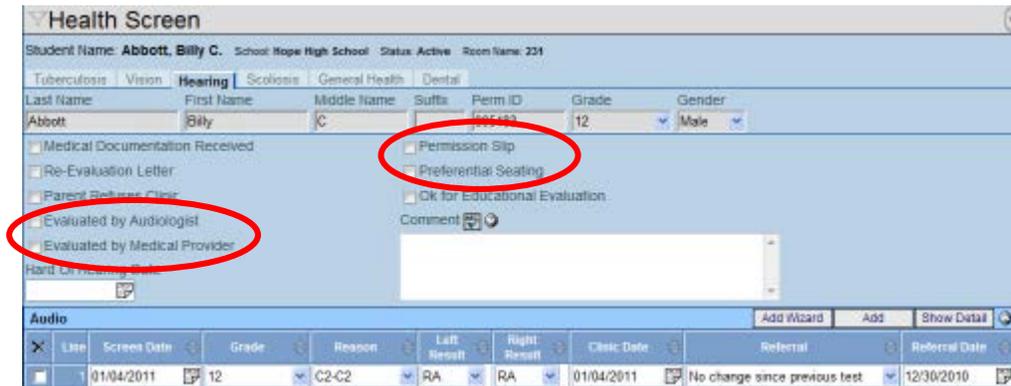


Figure 5.25 – Health Screen Screen, Hearing Tab

The **bottom grid and the rest of the checkboxes** are controlled by this security node:

K12.HealthInfo.HealthScreenAudio

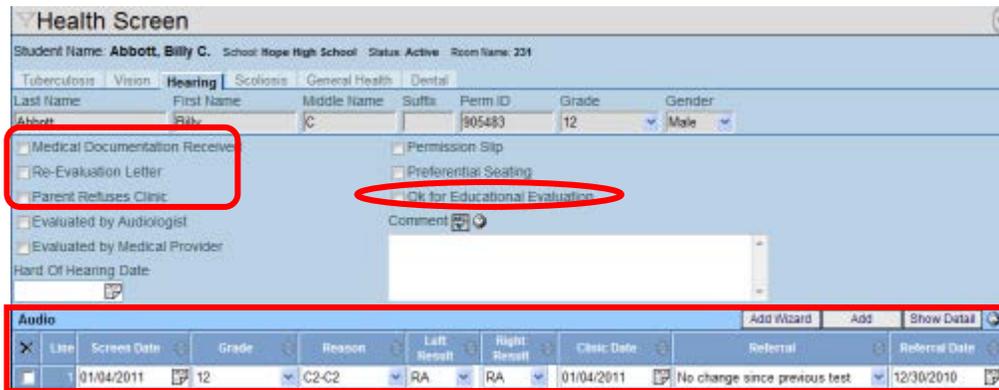


Figure 5.26 – Health Screen Screen, Hearing Tab

The entire **Scoliosis tab** is controlled by this security node:

K12.HealthInfo.HeathScreenScol

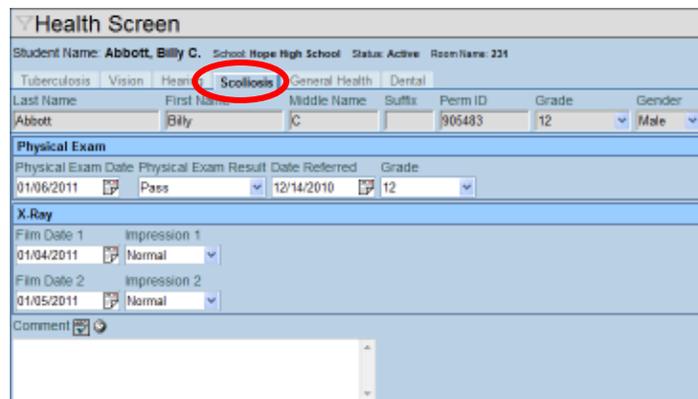


Figure 5.27 – Health Screen Screen, Scoliosis Tab

The **General Health tab** is controlled by the security nodes:

- **K12.HealthInfo.HealthScreenGen** controls the Health section
- **K12.HealthInfo.HealthScreenActivity** controls the Activity Screening section

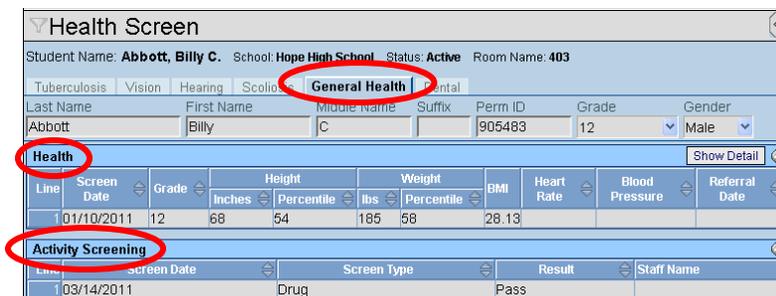


Figure 5.28 – Health Screen Screen, General Health Tab

The entire **Dental** tab is controlled by this security node:

K12.HealthInfo.HealthScreenDental

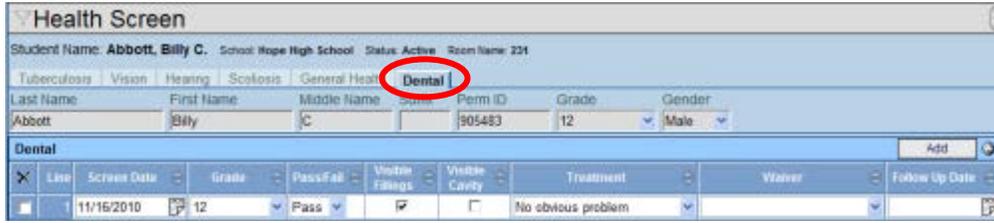


Figure 5.29 – Health Screen Screen, Dental Tab

The following security nodes do not provide a visible change in security on the screens:

- K12.HealthInfo.HealthScreenUI
- K12.HealthInfo.HealthYearAudio
- K12.HealthInfo.HealthScreenActivity
- K12.HealthInfo.HealthScreenCurrent

HEALTH SCREEN BY SECTION SECURITY

The Health Screen By Section screen is controlled by the same security nodes as the Health Screen screen.

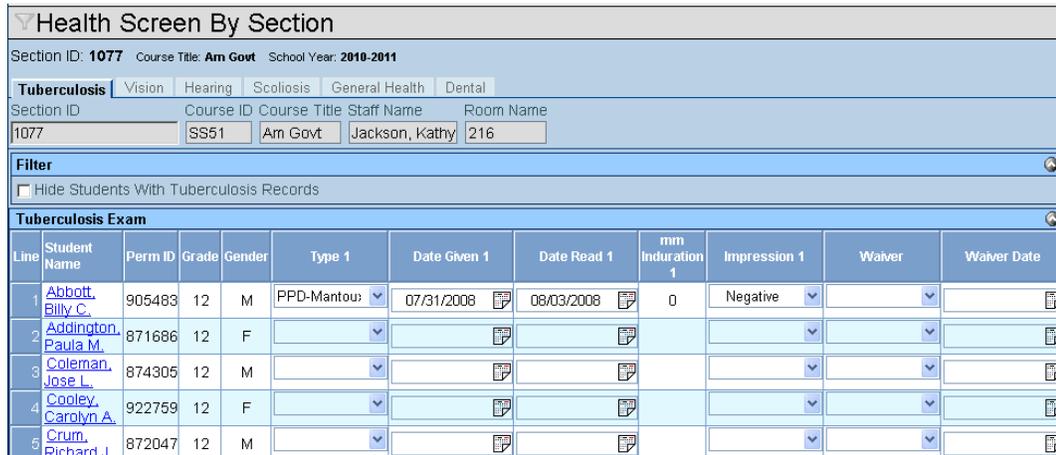


Figure 5.30 – Health Screen By Section Screen

MEDICATION AND SERVICE MONITOR SECURITY

The **Medication and Service Monitor** screen, found under Synergy SIS > Health, is controlled by this security node:

K12.HealthInfo.CombinedMedicationMonitorGrid

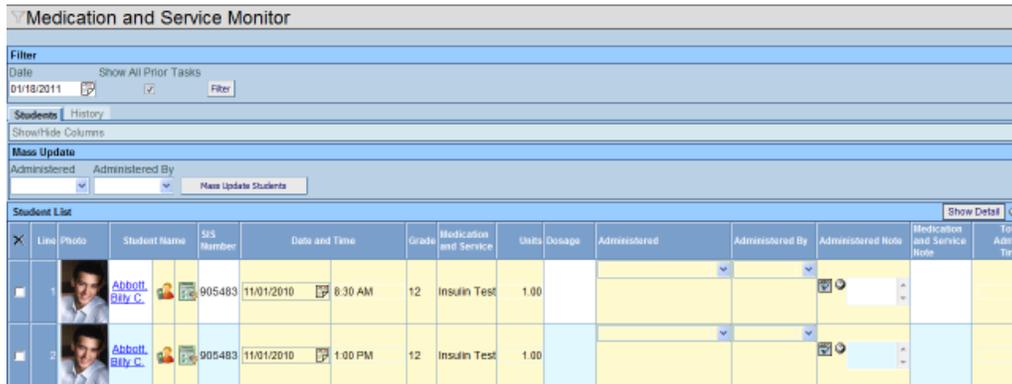


Figure 5.31 – Medication and Service Monitor Screen

TASK DEFINITION SECURITY

The **Task Definition** screen, found under Synergy SIS > System > Setup, does not have any associated security nodes.

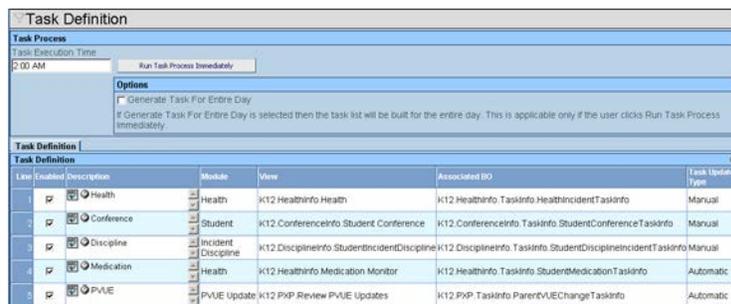


Figure 5.32 – Task Definition Screen

The following security nodes do not provide a visible change in security on the screens:

- K12.HealthInfo.TaskInfo.HealthIncidentTaskInfo
- K12.HealthInfo.TaskInfo.StudentMedicationProcedureTaskInfo
- K12.HealthInfo.TaskInfo.StudentMedicationTaskInfo

HEALTH REPORTS SECURITY

While report security options are available under the Security Definition screen, it is recommended to only use the PAD tree security to control access to reports.

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