

Schools Immunisation System

Lesley Smith

lesley.smith@hse.ie

Schools Immunisation System

System developed by Open Sky based on system that was used for the H1N1 Pandemic.

System Scope

- System was implemented in 2011 and has been continually developed and expanded and now allows for the capture of the majority of school based vaccination programme capture i.e. 4 in 1 and MMR in Primary Schools and HPV, Men C and Tdap in Second Level.

Basic principles of SIS Software

Data Capture

- The software provides for data capture relating to client setup, consent and vaccinations and vaccination status.


Data Listings

- The software only allows for data filtering of data elements to supply operational listings such as school lists.

Identifiers

- System works using identifiers e.g. client number (PID), User Number (Personnel Number, NursePIN, MCRN), Location Number (School Roll Number).

Search and Client Setup Screen


Interim TEST HPV Immunization System

Logged in As: **Admin Admin** **Central Administrator**

[Search Patient](#) | [New Patient](#) | [Administration](#) | [Advanced Search](#) | [Log Off](#)

Search Patient

Patient ID:
 Sch Roll #:
 Surname:
 First Name:
 DOB:
 PPSN:
 Mobile:
 Location:

Search limited to 200 records

Search Results

Drag a column header here to group by that column

PID	First Name	Surname	DOB
34	MICHELLE	PORTER	02/09/19
340	KAROLINA	ADAMEK	21/10/20
341	OSDS TEST	OSDS TEST	30/06/20
342	TEST	TEST	10/06/20
343	OSDS	TEST	02/12/20
344	OSDS	TEST	01/04/20
345	OSDS	TEST	01/04/20
346	OSDS	TEST	01/04/20
347	OSDS	TEST	01/04/20
348	YVONNE	MORRISSEY	25/09/20

Page 1 of 2 (11 items) [\[1\]](#) [2](#)

Patient Summary

PID: 34 **Patient:** MICHELLE PORTER **DOB:** 02/09/1999 **Stage Status:** **HPV - Complete**
PPSN: **Mobile:** 0878967543 **Address:** 41 MAIN ST DUBLIN 9

Patient Deceased
Deceased: No **Date Deceased:** --

[Change](#)

Stage Status:
 HPV - Complete
 Stage 1 - No
 Stage 2 - No
 Stage 3 - Yes
 Stage 4 - No
 Tdap - Incomplete
 Stage 1 - No
 Men C - Incomplete

HPV Vaccination Details (Initial Setup)

School: BL63W North Wall Ctc Dublin 1 **Academic Year:** 2010 - 2011 **Class:** **Cohort:** Outside Cohort

Tdap Vaccination Details (Initial Setup)

School: Not Set **Academic Year:** Not Set **Class:** Not Set **Cohort:** Not Set

Men C Vaccination Details (Initial Setup)

School: Not Set **Academic Year:** Not Set **Class:** Not Set **Cohort:** Not Set

MMR Vaccination Details (Initial Setup)

School: Not Set **Academic Year:** Not Set **Class:** Not Set **Cohort:** Not Set

4 in 1 Vaccination Details (Initial Setup)


School: Not Set **Academic Year:** Not Set **Class:** Not Set **Cohort:** Not Set

Patient Details


Forename:* MICHELLE **Middle Name:** ANNE **Surname:*** PORTER
PPSN: **DOB:*** 02/09/1999 **Gender:*** Female
Surname at Birth: SMITH **Mother's Maiden Name:** CLARKE **Address1:*** 41 MAIN ST
Address2: DUBLIN 9 **Address3:** **Address4:** **Email:** **County:*** Dublin
Par./Guar. Landline: **Par./Guar. Mobile:** 087 8967543
School Type: Community Trai **School County:** Dublin 1
Current School:* BL63W, North Wall Ctc, , Dublin 1
Current Class: --Select-- **Current Academic Year:** 2010 - 2011

[Set Default Fields](#)

Consent Screen



Interim TEST HPV Immunization System

Logged in As: **Admin Admin** **Central Administrator** 

[Search Patient](#) | [New Patient](#) | [Administration](#) | [Advanced Search](#) | [Log Off](#)

Search Patient

Patient ID:

Sch Roll #:

Surname:

First Name:

DOB:

PPSN:

Mobile:

Location:

[Search](#) [Reset](#)

Search limited to 200 records

Search Results

Drag a column header here to group by that column

PID	First Name	Surname	DOB
34	MICHELLE	PORTER	02/09/19
340	KAROLINA	ADAMEK	21/10/20
341	OSDS TEST	OSDS TEST	30/06/20
342	TEST	TEST	10/06/20
343	OSDS	TEST	02/12/20
344	OSDS	TEST	01/04/20
345	OSDS	TEST	01/04/20
346	OSDS	TEST	01/04/20
347	OSDS	TEST	01/04/20
348	YVONNE	MORRISSEY	25/09/20

Page 1 of 2 (11 items) [<](#) **[1]** [2](#) [>](#)

Patient Summary

PID: 34 Patient: MICHELLE PORTER DOB: 02/09/1999 Stage Status: **HPV - Complete**
[Change](#)

PPSN: Mobile: 0878967543 Address: 41 MAIN ST DUBLIN 9

Patient Deceased
Deceased: No [Change](#) Date Deceased: --

[Patient](#) **[Consent](#)** [Vaccination](#)

Add New Consent

Consent Type *

Vaccination Stage *

Consent/Refusal Date *

Consented/Refused/Not Indicated*

Consenter Firstname



Consenter Surname

Consenter Type


Comments

[Save Consent](#) [Clear/New](#)

Consent List

	Consent Type	Consenter Type	Consent By	Consent Type	Date	Vaccinal
	HPV consent for vaccination	Parent		Consented	01/09/2010	Stage 1, 

Vaccination Screen


Interim TEST HPV Immunization System

Logged in As: **Admin Admin** **Central Administrator**

[Search Patient](#) | [New Patient](#) | [Administration](#) | [Advanced Search](#) | [Log Off](#)

Search Patient

Patient ID:
 Sch Roll #:
 Surname:
 First Name:
 DOB:
 PPSN:
 Mobile:
 Location:

Search limited to 200 records

Search Results

Drag a column header here to group by that column

PID	First Name	Surname	DOB
34	MICHELLE	PORTER	02/09/19
340	KAROLINA	ADAMEK	21/10/20
341	OSDS TEST	OSDS TEST	30/06/20
342	TEST	TEST	10/06/20
343	OSDS	TEST	02/12/20
344	OSDS	TEST	01/04/20
345	OSDS	TEST	01/04/20
346	OSDS	TEST	01/04/20
347	OSDS	TEST	01/04/20
348	YVONNE	MORRISSEY	25/09/20

Page 1 of 2 (11 items)

Patient Summary

PID: 34 Patient: MICHELLE PORTER DOB: 02/09/1999 Stage Status: **HPV - Complete**
 PPSN: Mobile: 0878967543 Address: 41 MAIN ST DUBLIN 9 [Change](#)

Patient Deceased
 Deceased: No Date Deceased: -- [Change](#)

Vaccination type* HPV

HPV Vaccination Details (Initial Setup)

School:* BL63W North W Academic Year:* 2010 - 2011
 Class: --Select-- Cohort:* Outside Cohort School LHO: Dublin North Central


Add/Edit Vaccination(s)

Vacc. Date:* Vacc. Stage:* --Select-- Batch No:*
 Vaccine: Injection Site:* --Select-- LHO: Dublin North Ce
 Prescriber:* --Select-- Vaccinator:* --Select-- Expiry Date:
 Reason not given: --Not Set-- Location:* BL63W North W Adverse Reaction: ☐ Yes ☒ No
 Reported to IMB ☐
 Change in health status / comments:

Existing Vaccination(s)

Stage No.	Vacc. Date	Current School	Vacc. Location	Batch No	Injection	Vaccinator	Prescriber	Comments
3	01/09/2010	North Wall Ctc	North Wall Ctc	NN40800	Left Deltoid	Vaccinator, Prescriber	Vaccinator, Prescriber	--

Advanced Search (Filtering listings on the system)


Interim TEST HPV Immunization System
Logged in As: **Admin Admin** **Central Administrator**

[Search Patient](#) |
 [New Patient](#) |
 [Administration](#) |
 [Advanced Search](#) |
 [Log Off](#)

Advanced Search

Patient Id

Vaccination Location

Age at Stage 1 HPV Vacc. date

School

School County

School LHO Area

Academic Year

Class

Include Deceased Clients

Consent Status

Consent Type

Vaccination Status

Vaccination Stage

Vaccination Batch No.

Days since last HPV Vaccination

Prescriber

Vaccinator

Adverse Reaction

Vaccination Not Given

Reported to IMB

Session

Vaccination Type

Cohort:#

[Search](#) |
 [Add/Update Session](#) |
 [Export Grid](#) |
 [Export Current](#) |
 [Clear Search Criteria](#)

Search Results

Drag a column header here to group by that column

Patient Id	First Name	Middle Name	Surname	Gender	Is Deceased	DOB	PPSN	Address1	Address2	Ad
226	CATHY	ANNE	RYMES	Female	No	12/01/2000		THE ROAD	THE STREET	
226	CATHY	ANNE	RYMES	Female	No	12/01/2000		THE ROAD	THE STREET	
226	CATHY	ANNE	RYMES	Female	No	12/01/2000		THE ROAD	THE STREET	
228	GEE		SARAH	Female	No	01/01/2004		MAIN STREET		
229	GEE		SARAH	Female	No	01/01/1999		MAIN STREET		
229	GEE		SARAH	Female	No	01/01/1999		MAIN STREET		
230	SARAH		GEE	Female	No	01/01/1999		MAIN STREET		
230	SARAH		GEE	Female	No	01/01/1999		MAIN STREET		

Reporting and uptake


Reports

- There is a **separate reporting system** to SIS that is used to supply detailed reports as and when required. This is currently available only to the central administrator but is being altered to allow access to reports for local users as soon as possible.

Denominator Data


- Uptake statistics are based on the principal of a census being taken each year on September 30th of all relevant pupils registered to the appropriate class/year for each vaccine type for each school.

Local Reports available



Home > ReportsTest






Home | My Subscription






**SQL Server Reporting Services**
Local Schools System Reports




Search

Folder Settings

Details

 Audit_Report_-_Consent__Details Audit_Report_-_Vaccination__Details BatchNumberList ClientAndVaccinationStatusAuditReport DuplicateClientsReport

 ExceptionReports-ClientValidation ExceptionReports-SchoolValidation ExceptionReports-VaccinationValidation IndividualSchoolActivityReport MonthlyRecordofImmunisations

 SchoolListReport SchoolUptakeComparisonReport Vaccination Certification

System User aids.

- Regional System Administrators
- Super Users
- Newsletters
- System Manual
- Central Administrator
- Local ICT support
- Limited training opportunities on request

Where to next?

- All areas to use SIS from September 2015 for all school based programmes (except possibly BCG where this is applicable).
- Plans being progressed for the implementation of a National Childhealth and Immunisation Information System which will replace the current Primary Childhood Immunisation Systems, PHR, Childhealth Systems, Schools Immunisation System and provide one consolidated system available nationally.