

# FHIR® Configuration and the National Cancer Screening Register (NCSR)



What is FHIR® & NCSR?

## Fast Healthcare Interoperability Resources FHIR®

FHIR is based on modular components called “resources,” and these resources can be combined together to solve clinical and administrative problems in a practical way.

Allow developers to build standardized “browser” applications that allow access to data no matter what Electronic Health Record software your practice uses.

## National Cancer Screening Register

The National Register plays a vital role in supporting the National Cervical Screening Program and the National Bowel Cancer Screening Program.

The three main functions of the National Register are to:

- send invitation and reminder letters to participants
- provide a safety net for when a person is at risk
- provide a history of screening results

Configuration

### Step 1

- Register for **NCSR** by going to [www.ncsr.gov.au](http://www.ncsr.gov.au)

### Step 2

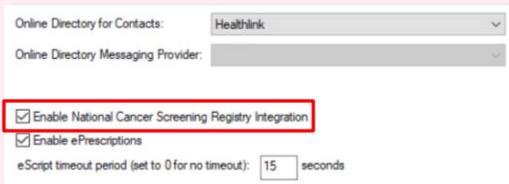
#### Enable FHIR® Integration

- **Setup > Configuration > FHIR** icon
- A message will display on the screen if FHIR has not yet been installed on your Bp Premier server
- Click **Install FHIR API** > click **Yes** to begin download

### Step 6

#### Enable NCSR Integration for Practice

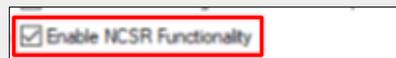
- **Setup > Configuration > General** tab
- Tick checkbox **‘Enable National Cancer Screening Integration’**



### Step 7

#### Enable NCSR for Individual Providers

- Select **Setup > Preferences**
- Select provider in **User name** field.
- Tick **Enable NCSR Functionality**
- Click **Save**



### Step 3

- Change the port in the FHIR Service Port: *field if necessary*. The FHIR Service Port will be set to 9000 by default

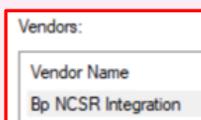
### Step 4

- Access the following pathway:  
 C:\Program Files\BestPracticeSoftware\BPS\BPSupport
- Right click on **BP.PortsUtility.exe** > run as Administrator
- Click **OK** in setup window

### Step 5

#### Configure access for Vendors

- **Setup > Configuration > FHIR** icon
- Select the vendor you want to set permissions for from the **Vendors** list
- Tick **Allow FHIR access for this vendor**
- Click **Save**



### Step 8

#### Download NCSR Hub

- Once NCSR has been enabled at the practice and user levels, you will be prompted to install it
- Click **Yes** on the prompt to install NCSR. You can begin to use it straight away for participating patients
- If you click **No** on the prompt, you will be prompted to download NCSR again the next time you open Bp Premier

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Access NCSR Hub

## Open the NCSR hub in patient record

- Open the patient record for a participating patient.
- This will automatically retrieve the patient's latest data from the NCSR
- Select **View > NCSR Hub**
- The NCSR Hub will open for the patient whose record you have accessed it from

## Clinical Record Error Message

- If the patient's clinical information in Bp Premier does not match the clinical information recorded by the NCSR, an error will display
- If you are sure the patient is a participant in the NCSR, check that the patient's details are correctly recorded in Bp Premier

Using NCSR Hub

## View Summary of Patient's Screening

This includes the following for any program:

- **Alerts** - indicating program results, or tasks that require actioning
- **Screening Status** – the patient's current program screening status
- **Last Screening Date** – the last screening result date for the specific program
- **Screening Action** – the screening action for the participant for the specific program, or the next due date for screening



## View / Print Patient Results and Correspondence

- In the Patient NCSR History view a list of the patient's previous results
- Click **Open** in the **Action** column to view results

## Notifications

- Where an action is required, a notification will display in the **Notifications** section of the Patient Record
- **Double click** the notification to launch the NCSR Hub
- To **complete the action**, complete the relevant form in the NCSR Hub

Type	Due	Reason
NCSR		Overdue for cervical screening
Preventive health	13/07/2020	Influenza vaccination should be considered!

## Access NCSR Forms

To access NCSR forms from the patient record:

- Open the patient record. This will automatically retrieve the patient's latest data from the NCSR
- Select **View > NCSR Forms**

Troubleshooting

## NCSR Hub not opening for patients

A patient record should open in the NCSR hub based on the following clinical information:

- Medical Identifier – either of the following (mandatory):
  - Medicare number
  - Individual Healthcare Identifier (IHI)
- Department of Veterans Affairs (DVA) number
- Family Name (mandatory)
- Given Name (optional)
- Sex (Mandatory)
- Date of Birth (mandatory)

## NCSR Support

If you are unable to open the NCSR hub, check that the patient's demographic information is correct.

If you require further assistance, **call the NCSR's contact centre on 1800 627 701.**

## Bp Support

For any **Configuration** enquires, please refer to our Knowledge Base for a step-by-step walk through and if you're still experiencing difficulties, please contact **Support on 1800 401 111.**



## Website Link

Clinical Information System Registration Guide - [www.ncsr.gov.au/cis-registration-guide](http://www.ncsr.gov.au/cis-registration-guide)

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## Patient Alerts

The following alerts may be displayed for the patient:

### Bowel Program

Alert Type	Icon	Description
iFOBT Positive		Patient has an iFOBT Positive result this round.
iFOBT Negative		Patient has an iFOBT Negative result this round.
iFOBT Inconclusive, or No Result		Patient has an inconclusive or no result iFOBT result this round.
Positive Histopathology		Patient has had a positive histopathology result, and is medically excluded from the Program. Patient may elect to opt back in to the Program.
Colectomy		Patient has had a colectomy, and is medically excluded from the Program.
Opt Out		Patient has opted out of the National Bowel Cancer Screening Register. Participant may elect to opt back in.
Defer		Patient has deferred from the National Bowel Cancer Screening Program.
Mail failed to deliver		Correspondence sent to the patient from the National Cancer Screening Register has failed to deliver.
Alternative Pathway		Patient is a participant in the National Indigenous Bowel Screening Pilot.

### Cervical Program

Alert Type	Icon	Description
Higher Risk		Patient's cervical screening indicates higher risk.
Intermediate Risk		Patient's cervical screening indicates intermediate risk.
Undetermined Risk		Patient's cervical screening risk category is undetermined.
Low Risk		Patient's cervical screening indicates low risk.
Cervical Cancer		Patient has had cervical cancer.
Hysterectomy		Patient has had a hysterectomy.
Glandular		Patient has been diagnosed with Adenocarcinoma in situ (AIS)
Opt Out		Patient has opted out of the National Cervical Screening Register. Participant may elect to opt back in.
Defer		Patient has deferred from the National Cervical Screening Program.
Cease Correspondence		Patient has elected to cease their correspondence from the National Cervical Screening Program.
Mail failed to deliver		Correspondence sent to the patient from the National Cancer Screening Register has failed to deliver.
Compass Trial		Patient is participating in the Compass Trial, and is therefore excluded from the National Cervical Screening Program.