



Optimizing Cancer Screening using your EMR

A Case Study using OSCAR EMR

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Presenter Disclosures

- **Presenter:**
 - Urslin Fevrier-Thomas
- **Relationship with Commercial Interests:**
 - NONE
- **Disclosure of Commercial Support:**
 - NONE
- **Mitigating Potential Bias:**
 - The content of this presentation has been reviewed by a family physician to ensure that it remains unbiased and has no commercial representation

Learning Objectives and Agenda

Objectives:

To optimize OSCAR EMR for proper documentation

To identify patients due for cancer screening

- Breast
- Cervical
- Colorectal

Agenda:

- Getting Started
- Data Standardization and Documentation
- Reporting
- Screening Activity Report (SAR)
- Getting More Involved
- Summary

About this Presentation

Cancer Screening Recommendations

- Provincial Cancer Screening Guidelines
- Primary Care
- OSCAR EMR
- Breast, Cervical, Colorectal cancers



Getting Started

Early detection and treatment

- Education
- Screening
- Accurate and Timely information

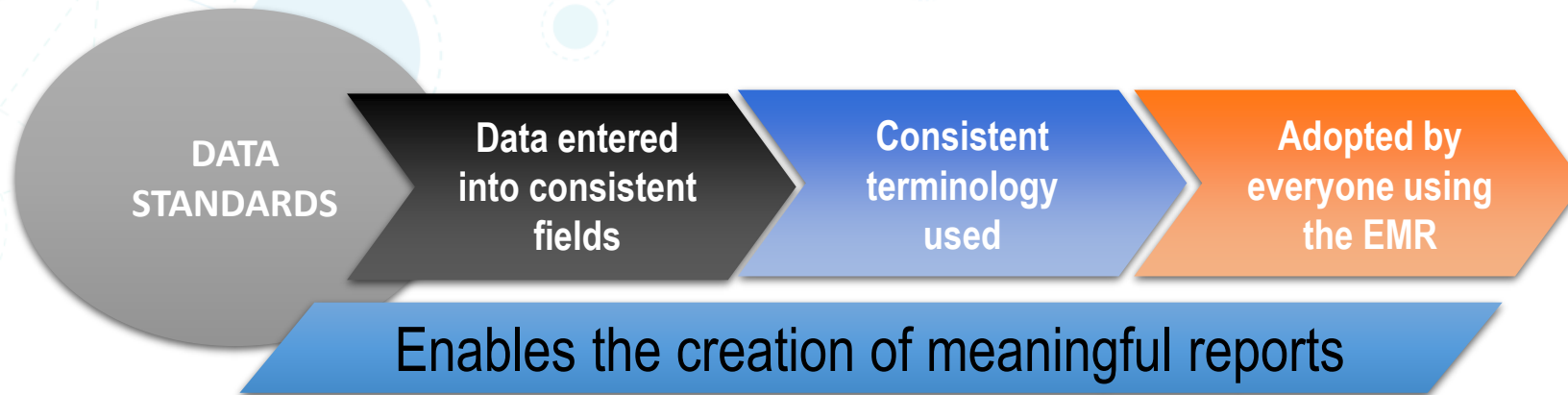
Information Technology

- Enables proactive Primary Care



Getting Started

- **Why is this important?**
- **Up-to-date OSCAR EMR**
- **Access to**
 - Demographic Report Tool
 - Ontario Prevention Report
- **Contact your OSCAR Service Provider (OSP)**



About Cancer in Ontario

- 1 in 2 people will get cancer in their lifetime
 - 1 in 4 will die from cancer
- Lung cancer - most common cause of cancer-related death
- Breast cancer - most commonly diagnosed cancer in women
- Colorectal cancer - ranks #2 in incidence in men
- Up to 80,000 abnormal PAP tests require assessment each year
- Almost 15,000 patients in Ontario have a positive FOBT but no record of a colonoscopy
- Almost 3,000 patients with early treatable (colorectal) disease requiring follow-up

Data Standardization & Documentation

Using the Preventions Module

Preventions +

- FOBT
- MAM
- PAP
- H1N1
- HIV
- HPV Vaccine 9
- Td

Tickler +

Disease Registry +

Forms +

eForms +

TEST, PATIENT F 61 years [B]

[Immunization Schedules - Public Health Agency of Canada](#)

Prevention Recommendations

- No Mammogram records can be found for this patient
- FOBT is overdue for this patient
- No PAP records can be found for this patient
- Need to ask about Smoking

Legend: Completed or Normal Refused Ineligible Pending Abnormal Other

- Td
- Flu
- PAP
- MAM
- FOBT
- HIV

Any clinical recommendations yet to be completed will be flagged in red.

Data Standardization & Documentation

Using the Preventions Module

Provincial Cancer Screening Guidelines:

- MAM & FOBT every 2 years
- PAP every 3 years
- Colonoscopy every 10 years

Section 1: Prevention

Section 2: Results

Section 3: Comments

Section 4: Set Next date

TEST, PATIENT F 61 years

Prevention : MAM

Completed **Date:** 2018-01-0

Refused **Provider:** oscar doc doctor

Ineligible **Creator:** L Victoria

Result

Pending

Normal

Abnormal

Other **Reason:**

Comments

Rt breast: benign lesion
routine screening

[Set Next Date](#)

Data Standardization & Documentation

Using the Preventions Module

TEST, PATIENT F 61 years [B]

[Immunization Schedules - Public Health Agency of Canada](#)

Prevention Recommendations

- FOBT is overdue for this patient
- No PAP records can be found for this patient
- Last Mammogram was done 4 month(s) ago
- Need to ask about Smoking

Legend: Completed or Normal Refused Ineligible Pending Abnor

Td

Flu

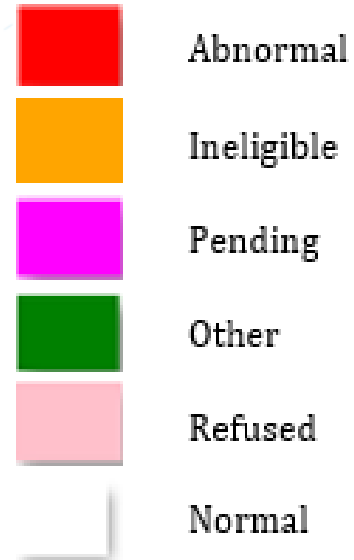
PAP

MAM

Age: 61 years
Date: 2018-01-01 [1]

61 years -- Date:2018-01-01
Rt breast lesion- patho done Jan 15/18: fibroadenoma- rpt u/s in 6 mths- mammo: routine screening Entered By: doctor oscar doc

Information about the managed prevention will now appear in **black**



Data Standardization & Documentation

Breast Cancer Screening

Mammogram

- MAM - Preventions Module

Breast MRI

- Breast MRI - Preventions Module

History of Double Mastectomy

- MAM - Preventions Module - Ineligible
- Medical History – eChart
- Tickler – set reminder for next screening

History of Breast Cancer

- MAM - Preventions Module - Ineligible
- Disease registry - 174
- Tickler – set reminder for next screening

TEST, PATIENT F 61 years

Prevention : MAM

Completed
 Refused
 Ineligible

Date: 2018-05-0

Provider: oscar doc doctor

Creator: L Victoria

Result

Pending
 Normal
 Abnormal
 Other Reason:

Comments

Hx of double mastectomy, Jan 1, 2018

Set Next Date

Save

TEST, PATIENT F 61 years

Prevention : MAM

Completed
 Refused
 Ineligible

Date: 2018-01-0

Provider: oscar doc doctor

Creator: L Victoria

Result

Pending
 Normal
 Abnormal
 Other Reason:

Comments

Rt breast carcinoma, Dx: Jan 1, 2018

Set Next Date

Disease Registry				
Coding System:	Code	Diagnosis	First Visit	Last Visit
icd9	174	MALIG NEO FEMALE BREAST*	2018-05-09	2018-05-09 10:13:12.0
	174			

Data Standardization & Documentation

Breast Cancer Screening

High-Risk Criteria

- Carrier or First-Degree Relative of a Deleterious Gene Mutation Carrier
- Determined to be at >25% Lifetime Risk of Breast Cancer
- Received chest radiation before the age 30
- Part of the OBSP high risk program

- MAM - Preventions Module
- Medical History – eChart
- Tickler – set reminder for next screening

Abnormal Findings

- MAM - Preventions Module

Exclusions

- MAM - Preventions Module

Remember to add the details in the **Comments** section

Data Standardization & Documentation

Cervical Cancer Screening

PAP

- PAP - Preventions Module

HPV

- HPV Swab - Preventions Module
- Medical History – eChart
- Tickler – set reminder for next screening

Colposcopy

- PAP - Preventions Module
- Tickler – set reminder for next screening

History of Cervical Cancer

- PAP - Preventions Module - Ineligible
- Disease registry - 180
- Tickler – set reminder for next screening

TEST, PATIENT F 61 years

Prevention : PAP

Completed **Date:** 2018-01-0

Refused **Provider:** oscar doc doctor

Ineligible **Creator:** L Victoria

Result

Pending

Normal

Abnormal

Other **Reason:**

Comments

followed by colposcopy
results: LSIL
LEEP completed
rpt in 6 mths

[Set Next Date](#)

TEST, PATIENT F 61 years

Prevention : PAP

Completed **Date:** 2018-01-0

Refused **Provider:** oscar doc doctor

Ineligible **Creator:** L Victoria

Result

Pending

Normal

Abnormal

Other **Reason:**

Comments

Cervical|CA, Dx. Jan 1, 2018

[Set Next Date](#)

Disease Registry				
Coding System:	Code	Diagnosis	First Visit	Last Visit
icd9	180	MALIG NEOPL CERVIX UTERI*	2018-05-11	2018-05-11 21:38:29.0

180

Data Standardization & Documentation

Cervical Cancer Screening

High-Risk Criteria

- History of dysplasia
- Immunodeficiency
- Cervical Cancer
- HPV positive

- PAP - Preventions Module
- Medical History – eChart
- Tickler – set reminder for next screening

Abnormal Findings

- PAP - Preventions Module

Exclusions

- PAP - Preventions Module

Remember to add the details in the **Comments** section

Data Standardization & Documentation

Colorectal Cancer Screening

FOBT

- FOBT - Preventions Module

Colonoscopy

- COLONOSCOPY - Preventions Module

History of Colorectal Cancer

- FOBT - Preventions Module - Ineligible
- Disease registry - 153
- Tickler – set reminder for next screening

TEST, PATIENT F 61 years

Prevention : FOBT

Completed **Date:** 2018-01-0

Refused **Provider:** oscar doc doctor

Ineligible **Creator:** L Victoria

Result

Pending

Normal

Abnormal

Other **Reason:**

Comments

Colorectal CA, DX Jan 1, 2018

Disease Registry TESTL

Coding System:	Code	Diagnosis	First Visit	Last Visit
icd9	153	MALIGNANT NEOPLASM COLON*	2018-05-18	2018-05-18 09:36:06.0

Data Standardization & Documentation

Colorectal Cancer Screening

High-Risk Criteria

- First-degree relative with history of Colorectal Cancer
- Inflammatory Bowel Disease
- Familial Polyposis
- Current or previous abnormal results (e.g. tubular adenoma, dysplastic polyp)
- COLONOSCOPY - Preventions Module
- Medical History – eChart
- Tickler – set reminder for next screening

Abnormal Findings

- COLONOSCOPY - Preventions Module

Exclusions

- COLONOSCOPY - Preventions Module

Remember to add the details in the **Comments** section

Data Standardization & Documentation

Using the Tickler Module

- Preventions +
- FOBT
- MAM
- PAP
- H1N1
- HIV
- HPV Vaccine 9
- Td
- Tickler +**
- Disease Registry +
- Forms +
- eForms +

Tickler

Demographic Name: TEST,PATIENT Search

Chart No:

Service Date: 2018-11-13 Calendar Lookup 6-month 1-

Priority: Normal

Task Assigned to: Test1, Forwarding

Reminder Message: Repeat PAP due

Cancel and EXIT Submit and EXIT Submit & Write to Encounter

Back Close the Window

Tickler +

Repeat PAP due ... 13-Nov-2018

Disease Registry +

Tickler +

Repeat PAP due ... 12-May-2018

Disease Registry +

Data Standardization & Documentation Using the Tickler Module

eDoc Tickler¹ Admini

Tickler Print Help About

Service Date-Range: Begin: 2018-05-14 End: [View All](#)

Move To: Active MRP: All Providers Creator: All Providers Assigned To: Test1, Forwarding [Create Report](#)

Demographic Name	Creator	Service Date	Creation Date	Priority	Task Assigned to	Status	Message
<input type="checkbox"/> Edit TEST,PATIENT E	A, Dawn	2018-05-12 00:00:00.0	2018-05-14 00:04:15.0	Normal	Test1, Forwarding	Active	Repeat PAP due

[Check All](#) - [Clear All](#) [Add Tickler](#) [Complete](#) [Delete](#) [Cancel](#)

[Back](#) [Close the Window](#)



Reporting

Ontario Prevention Report

- Track Prevention Progress
- Calculate Prevention Bonus

Create Templates (Patient sets)

- each physician
- each type of screening

Reporting

Demographic Report Tool

Schedule Caseload Resources Search **Report** Billing In

REPORT LIST

1	EDB List 05	From	2018-5-18	To	2018-5-18	
2	Active Patient List					
3	Day Sheet					
	* All appointments					
	Non Rostered Only <input type="checkbox"/>	From	2018-5-18	To	2018-5-18	8
	* Print Day Sheet for only new appointments		2018-5-18			
	* Lab Day Sheet		2018-5-18			
	* Billing Day Sheet		2018-5-18			
4	Tabular-style Daysheet		2018-5-18			
5	Bad Appt Sheet				2018-5-18	
6	Patient Chart List					
7	Old Patient List					age > <input type="text"/>
8	No Show Appointment List				Start Date: <input type="text"/>	
9	Consultation Report					
10	Laboratory Requisition Report					
11	Demographic Report Tool					
12	Demographic Set Edit					
13	Ontario Prevention Report					
14	Demographic Study List					
15	Chronic Disease Management					

Reporting

Demographic Report Tool

The screenshot shows a web-based search interface for a demographic report. The interface is divided into two main sections: 'Search For' and 'Where'. The 'Search For' section on the left contains a list of search criteria with checkboxes: Demographic #, Last Name, First Name, Address, City, Province, Postal Code, Phone, Phone 2, Email, and Newsletter. The 'Where' section on the right contains various filters: AGE (ages between 50 and 74), First Name, Last Name, Roster Status (FS, NR, RO, rostered, TE), Sex (Female), Provider No (MRP1, MRP2, MRP3, MRP4), and Patient Status (AC, DE, IN, MO, nlop). A date field 'As of' is set to 2018-03-31. A dropdown menu is open below the search criteria, showing 'MRP1 Breast' selected. At the bottom of the search criteria list are 'Save Query' and 'Run Query' buttons.

- MRP1 Breast
- MRP1 Cervix
- MRP1 Colon

- MRP1 MAM
- MRP1 PAP
- MRP1 FOBT

Reporting

Ontario Prevention Report

Schedule Caseload Resources Search **Report** Billing In

REPORT LIST

1	EDB List 05	From	2018-5-18	To	2018-5-18
2	Active Patient List				
3	Day Sheet				
	* All appointments				
	Non Rostered Only <input type="checkbox"/>	From	2018-5-18	To	2018-5-18
	* Print Day Sheet for only new appointments		2018-5-18		
	* Lab Day Sheet		2018-5-18		
	* Billing Day Sheet		2018-5-18		
4	Tabular-style Daysheet		2018-5-18		
5	Bad Appt Sheet				2018-5-18
6	Patient Chart List				
7	Old Patient List				age > <input type="text"/>
8	No Show Appointment List				Start Date <input type="text"/>
9	Consultation Report				
10	Laboratory Requisition Report				
11	Demographic Report Tool				
12	Demographic Set Edit				
13	Ontario Prevention Report				
14	Demographic Study List				
15	Chronic Disease Management				

Prevention Reporting

Patient Set: MRP1 Breast

Prevention Query: Mammogram

As of: 2018-03-31

Submit Query

Reporting








Ontario Prevention Report

Total patients: 6
Ineligible: 1

Up to Date: 2 = 40 %

64 Select Contact Method See Contacts

DemoNo	DOB	Age as of 2018-03-31	Sex	Lastname	Firstname	HIN	Phone	Address	Next Appt.	Status	Bonus Stat	Since Last Procedure Date	Last Procedure Date	Last Contact Method	Next Contact Method	Select Contact	Roster Physician	Bill
1	1001	1944-06-23	73 years	F						No Info	N				L1	<input type="checkbox"/>	John, Smith	
2	1005	1951-11-27	66 years	F						Overdue	N	48 months	2014-02-19 00:00		L1	<input type="checkbox"/>	John, Smith	
3	52	1957-06-15	60 years	F						Up to Date	Y	2 months	2018-01-19 00:00			<input type="checkbox"/>	John, Smith	<input type="checkbox"/>
4	214	1955-12-07	62 years	F						Pending	N	3 months	2017-12-12 00:00		Follow Up	<input type="checkbox"/>	John, Smith	
5	1006	1963-01-15	55 years	F						Up to Date	Y	1 months	2018-02-05 00:00			<input type="checkbox"/>	John, Smith	<input type="checkbox"/>
6	300	1957-07-09	60 years	F						Ineligible	N					<input type="checkbox"/>	John, Smith	

	Up to Date		No Prevention information available		Ineligible
	Pending		Overdue		Refused
					Recently Due



Reporting

Ontario Prevention Report

Sort by **Status**

- List patients in various categories (e.g. those who are overdue)

DemoNo	DOB	Age as of 2018-05-25	Sex	Lastname	Firstname	HIN	Phone	Address	Next Appt.	Status	Bonus Stat	Since Last Procedure Date	Last Procedure Date	Last Contact Method	Next Contact Method	Select Contact
35	39922367	1958-04-17	60 years							Overdue	N	31 months	2018-10-20 09:30	L1 2018-07-19 9AM	L1	<input type="checkbox"/>
34	39921278	1954-10-16	63 years							Overdue	N	48 months	2014-09-13 00:00	Newsletter 2012-10-29 6AM	L1	<input type="checkbox"/>
33	39915709	1958-12-16	59 years							Overdue	N	62 months	2013-03-07 00:00	L1	<input type="checkbox"/>
32	39913724	1963-01-04	55 years							Overdue	N	39 months	2013-06-07 00:00	Newsletter 2012-10-29 6AM	L1	<input type="checkbox"/>
31	39912948	1946-12-12	71 years							Overdue	N	70 months	2012-07-13 00:00	L1 2007-07-19 12PM	L1	<input type="checkbox"/>

NOTE:

- Due** - will not account for manual input using the **Set Next Date** in the Preventions module

Screening Activity Report (SAR)

Screening Activity Report (SAR) as of 31-Dec-2016

[Go to Summary](#)

Dashboard

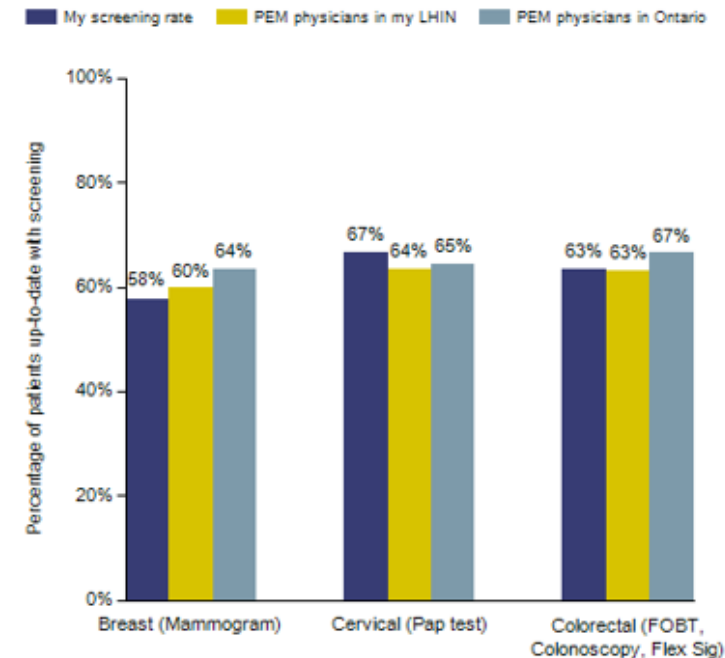
Physician: DOCTOR SAR

CPSO: 000000

LHIN: Hamilton Niagara Haldimand Brant (HNHB)

Physician Level Summary	Breast Screening	Cervical Screening	Colorectal Screening
Total eligible individuals	265	588	397
Total excluded individuals (due to previous cancer, surgery, or OBSP high risk)	13	53	2
Action required	114	201	149
Abnormal screen, follow-up needed	0	6	2
Invalid result, retest required	N/A	0	2
Overdue for screening	114	195	145
Due for screening ≤ 6 months	48	45	20
Physician review required	13	50	146
Colonoscopy in the last 10 years or Flexible Sigmoidoscopy in the last 5 years	N/A	N/A	141
Review patient history	5	45	0
Abnormal screen, follow-up underway or completed	8	5	5
No screening action required: normal screen	90	292	82

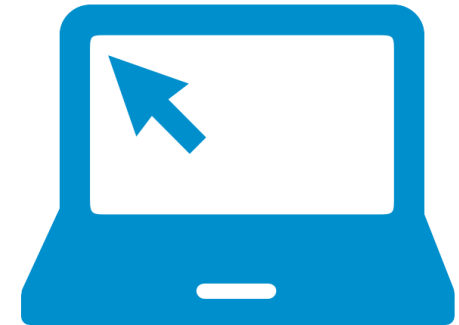
Screening Activity Comparison



Note: Data is reported as of the cut-off date. Recent screening and assessment activities may not be included due to data lag.

SAR – Common Uses

- Bring your EMR **up to date**
- Keep your EMR up to date by sorting monthly for **recent screens**
- Find patients who have screened positive and have had **no follow-up**
- Update screening data for **new patients**
- Not using EMR? The SAR can be used for **point of care** for screening.
- Audit practise to find & contact **overdue** patients (“*triple reds*”)
- **Calculate** your preventive care bonus



SAR – Screening Summary

Enrolled Patients Screening Summary as of 31-Dec-2017

[Go to Dashboard](#)

Physician: DOCTOR SAR CPSO: 000000

Patient Information						Screening Status					
Surname	Given Name	HIN	Date of Birth	Age	Sex	Breast		Cervical		Colorectal	
						Eligible	Status	Eligible	Status	Eligible	Status
Surname 1	Given Name 1	HIN 1000			F	N		Y	Normal	N	
Surname 2	Given Name 2	HIN 1001			F	N		Y	Review	N	
Surname 3	Given Name 3	HIN 1002			F	Y	Action	Y	Review	Y	Review
Surname 4	Given Name 4	HIN 1003			M	N		N		Y	Action
Surname 5	Given Name 5	HIN 1004			F	Y	Action	Y	Normal	Y	Action
Surname 6	Given Name 6	HIN 1005			M	N		N		Y	Action
Surname 7	Given Name 7	HIN 1006			F	N		Y	Review	N	
Surname 8	Given Name 8	HIN 1007			M	N		N		Y	Normal

Breast: Enrolled Patients 50-74

[Go to Dashboard](#)

As of 31-Dec-2017

Patient Information			Screening Status		Exclusions		OBSP High Risk	Most Recent Mammogram	Most Recent Mammogram		Most Recent Abnormal Mammogram (OBSP only)		Most Recent Follow-up/Diagnostic Activity		
Surname	Given Name	HIN	Age	Status	Sub-Status	Breast Cancer (Date)	Mastectomy (Date)	Date	Result	Screening Recall	Date	Result	Date	Type	Final Result
Surname 1	Given Name 1	HIN 4000		Overdue				18-Nov-12	Abnormal	Return 2 Yr	01-Nov-12	Abnormal	30-Jul-14	Breast Ultrasound	Benign
Surname 2	Given Name 2	HIN 4001		Overdue											
Surname 3	Given Name 3	HIN 4002		Normal screen				7-Oct-15	Normal	Return 2 Yr					
Surname 4	Given Name 4	HIN 4003		Overdue											
Surname 5	Given Name 5	HIN 4004		Overdue											

SAR – Screening Summary

Screening Status for S-144, G-419 [Go to Dashboard](#)

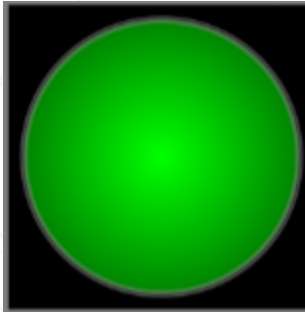
As of: 31 Dec 2017 Physician: DOCTOR SAR CPSO:000000

PATIENT INFORMATION	
Patient Name:	S-144, G-419
HRN:	1111111111
Date of Birth:	23-Aug-1951
Age:	63
Sex:	F

Patient Screening Status Summary					
Breast		Cervical		Colorectal	
Eligible	Status	Eligible	Status	Eligible	Status
N		Y		N	

Screening History					
Breast Screening		Cervical Screening		Colorectal Screening	
Screening Status		Screening Status		Screening Status	
Sub-status		Sub-status	Due in next 6mths	Sub-status	Retest
Breast Cancer Date		Cervical Cancer Date		Colorectal cancer date	
Mastectomy Date		Hysterectomy date		Colectomy date	
OBSP high risk	Y	Most recent Pap date	09-Feb-2012	Most recent FOBT date	01-Jan-2013
Most Recent mammogram date		Most recent Pap result	Normal	Most recent FOBT result	Indeterminate
Most Recent mammogram result		Most recent abnormal Pap date		Most recent abnormal FOBT date	
Screening recall		Most recent abnormal Pap result		Most recent abnormal FOBT result	
Most recent abnormal mammogram date		Most recent follow-up/diagnostic date		Most recent Colonoscopy	
Most recent abnormal mammogram result		Most recent follow-up/diagnostic type		Most recent Flexible Sigmoidoscopy	
Most recent follow-up/diagnostic date				Most recent follow-up/diagnostic date	
Most recent follow-up/diagnostic type				Most recent follow-up/diagnostic type	
Final result					

SAR – Know the Colours



GREEN
NO ACTION REQUIRED



YELLOW
REVIEW REQUIRED



RED
ACTION REQUIRED

Screening Activity Report (SAR) as of 31-Dec-20

Dashboard

Physician Level Summary	Breast Screening	Cervical Screening	Colorectal Screening
Total eligible individuals	265	588	397
Total excluded individuals (due to previous cancer, surgery, or DBSP high risk)	13	53	2
Action required	114	201	149
Abnormal screen, follow-up needed	0	6	2
Invalid result, retest required	NA	0	2
Overdue for screening	114	195	145
Due for screening ≤ 6 months	48	45	20
Physician review required	13	50	146
Colonoscopy in the last 10 years or Flexible Sigmoidoscopy in the last 5 years	NA	NA	141
Review patient history	5	45	0
Abnormal screen, follow-up underway or completed	8	5	5
No screening action required: normal screen	90	292	82

Note: Data is reported as of the cut-off date. Recent screening and assessment activities may not be included due to data lag.

SAR – Triple Reds

Filtering in Excel

Action required
Abnormal screen, follow-up needed
Invalid result, retest required
Overdue for screening

Data | Review | View | Developer | Tell me what you want

Refresh All | Connections | Properties | Edit Links | Sort | Filter | Clear | Reapply | Advanced

Patient Information						Screening Status					
Surname	Given Name	HIN	Date of Birth	Age	Sex	Breast		Cervical		Colorectal	
						Eligible	Status	Eligible	Status	Eligible	Status
Surname 14	Given Name 14	HIN 1013			F	Y	Action	Y	Action	Y	Action
Surname 15	Given Name 15	HIN 1014			F	Y	Action	Y	Action	Y	Action
Surname 20	Given Name 20	HIN 1019			F	Y	Action	Y	Action	Y	Action
Surname 52	Given Name 52	HIN 1051			F	Y	Action	Y	Action	Y	Action
Surname 89	Given Name 89	HIN 1088			F	Y	Action	Y	Action	Y	Action
Surname 91	Given Name 91	HIN 1090			F	Y	Action	Y	Action	Y	Action
Surname 316	Given Name 316	HIN 1315			F	Y	Action	Y	Action	Y	Action
Surname 326	Given Name 326	HIN 1325			F	Y	Action	Y	Action	Y	Action

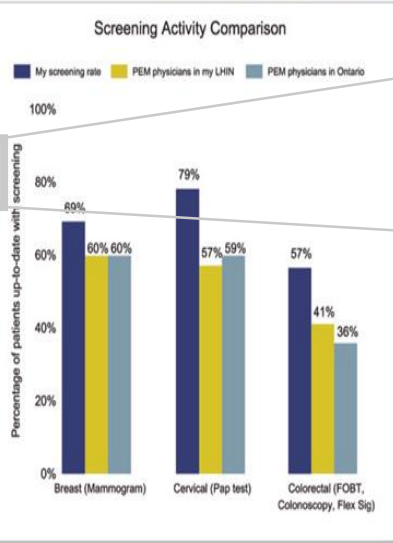
SAR – No Follow-Up

Screening Activity Report (SAR) as of 30-Nov-2013
Dashboard

[Go to Summary](#)

Physician: HG-308 HS-22 CPSO: 790822
LHIN: North Simcoe Muskoka

Physician Level Summary	Breast Screening	Cervical Screening	Colorectal Screening
Total eligible individuals	13	14	23
Total excluded individuals (due to previous cancer, surgery or OBSP high risk)	8	4	3
Action required	4	6	12
Abnormal screen, followup needed	2	3	2
Invalid results, retest required	N/A	1	2
Overdue for screening	2	2	8
Due for screening ≤ 6 months	2	2	2
Physician review required	4	5	7
Colonoscopy in the last 10 years or Flexible Sigmoidoscopy in the last 5 years	N/A	N/A	3
Review patient history	2	3	3
Abnormal screen, followup underway or completed	2	2	2
No screening action required: normal screen	2	1	2



Action required	4	6	12
Abnormal screen, followup needed	2	3	2

Note: Data is reported as of the cut-off date. Recent screening and assessment activities may not be included due to date lag.

SAR vs EMR



- Patients' **Roster Status**
- **PAP** results done elsewhere
- **Misplaced** results - *may have not come to your office, forgot to input into EMR, etc.*
- Provincial & Regional **comparative** data



- **BREAST** - Double mastectomies, cancer history (date delay), results for non-OBSP screens
- **CERVICAL** – Sexual activity status, some hysterectomies, colposcopy pap results
- **COLORECTAL** – Colonoscopy results, colectomies, family history, high risk status
- Identification of Palliative patients
- Identification of patients who have declined screening
- Exclusions and high risk information

SAR - FAQ

- **Where does the information come from?**
 - Patients' enrolment status; Cancer Care Ontario's organized screening programs (OBSP, OCSP, CCC); OHIP billing codes; Ontario Cancer Registry
- **Can I change a status, or remove a patient from my SAR?**
 - It is *not possible* for a physician to manually change a status in the SAR. The status will only change when new information is received (i.e. OHIP codes)
- **How can I track my non-rostered patients' results?**
 - OBSP: contact your local OBSP site; OCSP: Cytobase; CCC: no database (*SAR is an available tool to track these patients*)
- **Will the SAR show me screens that I didn't do myself?**
 - **Yes!** If a patient has an OBSP mammogram, an out-patient pap test, a CCC FOBT or colonoscopy, screens will be populated in your SAR (*ie. female students who go away for post-secondary education and have a pap test, the result will be appear in your SAR*).

Getting More Involved Unattached Follow-up

- **Sign-up to take on take on unattached patients**
 - Requiring follow-up after an abnormal FOBT result
 - At high risk for colorectal cancer requiring a colonoscopy
- **CCO's Contact Centre**
 - Patient Registration Form / Patient Attachment
 - Appropriate provider by geography
- **Selected Providers**
 - Obligation to complete follow-up
 - Can be removed from the Contact Centre list at any time

Getting More Involved

Physician-Linked Correspondence

- **PEM physician name included in screening letters sent by CCO to rostered patients**
 - Motivate patients to get screened
 - Colorectal cancer screening
- **Complete Physician-Linked Correspondence Consent form**
 - CCO Website
 - Fax, email, mail

Summary

Preventions

- **Abnormal findings**
- **High Risk Patients**
 - PAP - dysplasia/colposcopy, HIV positive, HPV positive, cervical cancer
 - COLONOSCOPY - positive family history of colorectal cancer, current or previous abnormal results (e.g. tubular adenoma, dysplastic polyp)
 - MAM - BRACA, chest radiation, >25% lifetime risk, OBSP high risk program

Details in Comments

- **Exclusions**
 - PAP - total hysterectomy, not sexually active
 - FOBT - Positive family history, requires colonoscopy, colectomy, colon cancer
 - MAM - prophylactic double mastectomy, breast cancer
- **Set Next Date** manual input
 - Repeat screening
 - Outside normal guidelines

Summary

Provincial Cancer Screening Guidelines

- MAM & FOBT every 2 years
- PAP every 3 years
- Colonoscopy every 10 years

Ticklers

- Set reminders

Registry

- Breast, colorectal or cervical cancer
- Exclude them from screening

Medical History (eChart)

- High-risk
- History of cancer
- Other



Summary

OSCAR Service Provider (OSP)

- HPV Swab
- Breast MRI

Bonus calculations

- Ontario Prevention Report
- Roster list - keep updated
- Exclude in Preventions if needed

Screening Activity Report (SAR)

- Help keep your EMR up-to-date

Unattached Follow-up

- Abnormal FOBT- unattached patients

Physician-Linked Correspondence

- Encourage screening in patients

