

APPENDIX A: Case Finding Approach for team consideration to Refer to Spirometry

This Appendix outlines two approaches for Case Finding – one using the PCQI and using the EMR.

1) Case Finding using the PCQI:

Details on the PCQIs for COPD screening can be found at: [Manitoba Health - Primary Care Quality Indicators Guide](#). When you run this report for your clinic, the output appears as follows:

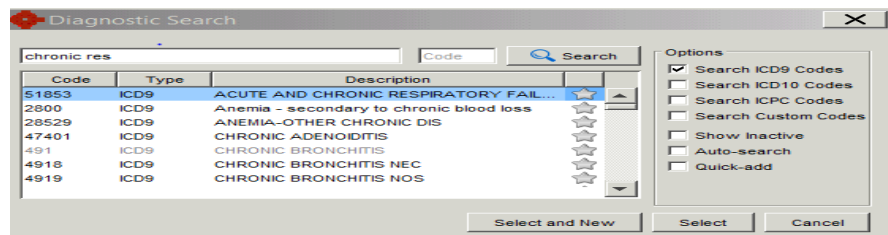
SAMPLE EMR Practice Efficiency Indicator Cluster Report

Indicators Cluster Report					
Identifier	CIHI	Description	# Patients	Compliance	Compliance
Prevention					
2.01	50	Cervical Cancer Screening	2596	1227	0.47265023112
2.02	48	Colon Cancer Screening	1645	371	0.22553191489
2.03	49	Breast Cancer Screening	883	320	0.36240090600
2.04	52	Dyslipidemia Screening for Women	778	589	0.75706940874
2.05	53	Dyslipidemia Screening for Men	1125	763	0.67822222222
2.06	n/a	Fasting Blood Sugar Screening	2298	1472	0.64055700609
2.07	44	Measles, Mumps and Rubella Immunization	105	0	0.0
2.08	41	Influenza Immunization, 65+	968	83	0.08574380165
2.09	42	Pneumococcal Immunization, 65+	248	55	0.22177419354
2.11	54	Blood Pressure Testing	5684	2434	0.42821956368
2.12	17	Advice on Physical Activity	6102	517	0.08472631923
2.13	14	Smoking Cessation Advice	118	53	0.44915254237
2.14	13	Obesity/Overweight Screening	6102	3158	0.51753523434
2.15	n/a	COPD At Risk Screening	135	19	0.14074074074
2.16	n/a	COPD At Risk Screening Using Spirometry	7	3	0.42857142857

2) Case Finding Using the EMR *(This section is currently in development)*

EMR - Case Finding Approach for (Current and Former) Tobacco Users and Upper Respiratory Conditions for a Referral to Spirometry

Generate report for Case finding for Upper Respiratory conditions:
ICD 9 Search Criteria applied: "Shortness of Breath (78605), Chronic Bronchitis (4918, 4919), Acute and Chronic Respiratory Failure (51853) last completed date
Spirometry Screening Tool & Results completed Billing Data:



Diagnostic Search

shortness of breath Code Search

Code	Type	Description
78605	ICD9	SHORTNESS OF BREATH

Options

- ☒ Search ICD9 Codes
- ☐ Search ICD10 Codes
- ☐ Search ICPC Codes
- ☐ Search Custom Codes
- ☐ Show Inactive
- ☐ Auto-search
- ☐ Quick-add

Select and New Select Cancel

Generate Report for Case finding for Tobacco conditions:

ICD 9 Search Criteria applied: "Smoke" (E8912, E8902, 5082, E8694, 3051) & Tobacco (V1582, E8694, 64900, 64901, 64902, 64903, 64904, 98904) 40 years of age or last date Spirometry Screening Tool & Results completed **Billing Data**

Diagnostic Search

smoke Code Search

Code	Type	Description
E8912	ICD9	OTHER SMOKE AND FUMES FROM CONFLAGR...
E8902	ICD9	OTHER SMOKE AND FUMES FROM CONFLAGR...
5082	ICD9	RESPIRATORY CONDITIONS DUE TO SMOKE IN...
E8694	ICD9	SECOND HAND TOBACCO SMOKE
3051	ICD9	Smoker

Options

- ☒ Search ICD9 Codes
- ☐ Search ICD10 Codes
- ☐ Search ICPC Codes
- ☐ Search Custom Codes
- ☐ Show Inactive
- ☐ Auto-search
- ☐ Quick-add

Select and New Select Cancel

Diagnostic Search

tobacco Code Search

Code	Type	Description
V1582	ICD9	PERSONAL HISTORY OF TOBACCO USE
E8694	ICD9	SECOND HAND TOBACCO SMOKE
64903	ICD9	TOBACCO USE DIS-ANTEPART
64902	ICD9	TOBACCO USE DIS-DEL-P/P
64904	ICD9	TOBACCO USE DIS-POSTPART
64901	ICD9	TOBACCO USE DISORD-DELLV
64900	ICD9	TOBACCO USE DISORD-UNSP
98984	ICD9	TOXIC EFFECT OF TOBACCO

Options

- ☒ Search ICD9 Codes
- ☐ Search ICD10 Codes
- ☐ Search ICPC Codes
- ☐ Search Custom Codes
- ☐ Show Inactive
- ☐ Auto-search
- ☐ Quick-add

Select and New Select Cancel

Search engine Tobacco – will need to capture previous tobacco history and current tobacco histories (as of October 1).