D2D 2.0 – Cancer Screening Searches for OSCAR EMR

Colorectal screening data

Please see WAY below the search that will return "Percentage of all active patients 50-74 who have had FOBT or COLONOSCOPY within last 24 or 120 months respectively"

Cervical screening data

A search had been created that returns percentage of active female patients 21-69 who have had PAP within the last 36 months. Please see below.

NOTE: these searches are for ALL eligible patients. Include **roster status** criteria to generate data that will match the SAR criteria.

SEARCHES

Percentage of active female patients 21-69 who have had PAP within the last 36 months.

<report title="Prevention Report - % of all active 21-69 year olds who had a PAP Test in last 3 years" description="Displays all patients 21-69 who had a mammogram in the last 3 years" active="1">

<query>

select

count(distinct d2.demographic_no) as "All Female Patients 21-69",

count(distinct d.demographic_no) as "PAP Patients 21-69",

(count(distinct d.demographic_no)/count(distinct d2.demographic_no))*100 as "Percentage"

from

demographic d, demographic d2

where
floor(datediff(curdate(),str_to_date(concat(d.year_of_birth,d.month_of_birth,d.date_of_birth),'%Y%m%d'))/365.25) >="21"

and
floor(datediff(curdate(),str_to_date(concat(d.year_of_birth,d.month_of_birth,d.date_of_birth),'%Y%m%d'))/365.25) <="69"

and
(datediff(curdate(),str_to_date(concat(d2.year_of_birth,d2.month_of_birth,d2.date_of_birth),'%Y%m%d'))/365.25) >="21"

and
floor(datediff(curdate(),str_to_date(concat(d2.year_of_birth,d2.month_of_birth,d2.date_of_birth),'%Y%m%d'))/365.25) <="69"

and d.patient_status = "AC"

and d2.patient_status = "AC"

and d2.sex = "F"

and d.demographic_no in

(select p.demographic_no from preventions p, preventionsExt e

where d.demographic_no=p.demographic_no

and p.id = e.prevention_id

and p.prevention_type = "PAP"

and p.deleted = "0"

and p.refused != "2"

and e.keyval = 'result'

and p.prevention_date > DATE_SUB(now(),INTERVAL 36 Month)

group by p.demographic_no having COUNT(p.id) >= "1")

</query>

</report>

Percentage of all active patients 50-74 who have had FOBT or COLONOSCOPY within last 24 or 120 months respectively

<report title="Prevention Report - % of all active 50-74 year olds who had a FOBT in last 24 months or COLONOSCOPY in last 10 years" description="Displays all patients 50-74 who had a FOBT in last 24 months or COLONOSCOPY in last 10 years" active="1">

 <query>

select

count(distinct d2.demographic_no) as "All Patients 50-74",

count(distinct d.demographic_no) as "Colorectal Patients 50-74",

(count(distinct d.demographic_no)/count(distinct d2.demographic_no))*100 as "Percentage"

from

demographic d, demographic d2

where
floor(datediff(curdate(),str_to_date(concat(d.year_of_birth,d.month_of_birth,d.date_of_birth),'%Y%m%d'))/365.25) >="50"

and

floor(datediff(curdate(),str_to_date(concat(d.year_of_birth,d.month_of_birth,d.date_of_birth),'%Y%m%d'))/365.25) <="74"

and

(datediff(curdate(),str_to_date(concat(d2.year_of_birth,d2.month_of_birth,d2.date_of_birth),'%Y%m%d'))/365.25) >="50"

and

floor(datediff(curdate(),str_to_date(concat(d2.year_of_birth,d2.month_of_birth,d2.date_of_birth),'%Y%m%d'))/365.25) <="74"

and d.patient_status = "AC"

and d2.patient_status = "AC"

and d.demographic_no in

(select f.demographic_no from preventions f, preventions c, preventionsExt e

where d.demographic_no=f.demographic_no

and f.id = e.prevention_id

and (f.prevention_type = "FOBT" or c.prevention_type = "COLONOSCOPY")

and f.deleted = "0"

and f.refused != "2"

and e.keyval = 'result'

and f.prevention_date > DATE_SUB(now(),INTERVAL 24 Month)

and d.demographic_no=c.demographic_no

and c.id = e.prevention_id

and c.deleted = "0"

and c.refused != "2"

and c.prevention_date > DATE_SUB(now(),INTERVAL 120 Month)

group by c.demographic_no, f.demographic_no having (COUNT(c.id) and COUNT(f.id) >= "1"))

</query>

</report>