

# SQL: Meningitis B Doses for 16-21 Year Olds

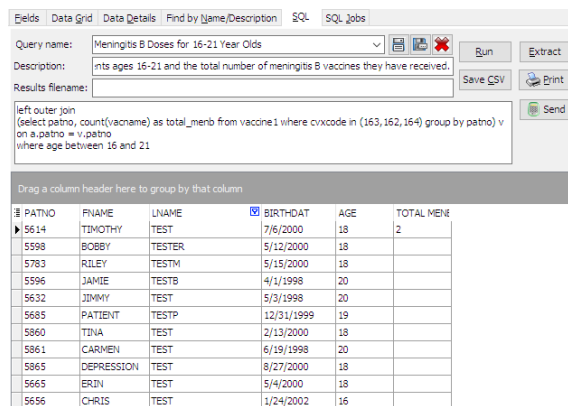
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**i** There are **two versions** of this SQL: Firebird and MySQL. The **MySQL version** only applies to clients who are **BETA testing MySQL**. All other Practices should continue to use the Firebird version of this code. Click to expand and copy the code you need. If you are unsure which code to use, please check with your Practice Administrator.

## About

This report shows a list of active patients ages 16-21 and the total number of Meningitis B vaccines they have received.

A sample image of this SQL report run in the Database Viewer is shown below:



PATNO	FNNAME	LNAME	BIRTHDAT	AGE	TOTAL MENB
5614	TIMOTHY	TEST	7/6/2000	18	2
5598	BOBBY	TESTER	5/12/2000	18	
5783	RILEY	TESTM	5/15/2000	18	
5596	JAMIE	TESTB	4/1/1998	20	
5632	JIMMY	TEST	5/3/1998	20	
5685	PATIENT	TESTP	12/31/1999	19	
5860	TINA	TEST	2/13/2000	18	
5861	CARMEN	TEST	6/19/1998	20	
5865	DEPRESSION	TEST	8/27/2000	18	
5665	ERIN	TEST	5/4/2000	18	
5656	CHRIS	TEST	1/24/2002	16	

## Caveats

“Meningitis B” vaccines are any vaccines listed in the patient’s vaccine chart with CVX codes 162-164. They could have been given by the practice or recorded as legacy vaccines from elsewhere.

## SQL Code: Firebird

To highlight and copy the code below to your clipboard, simply click the **Copy** button.

Copy

```
select a.*, total_menb from
(
select patno, fname,lname, birthdat, floor(datediff(month, dateadd(day,-extract(day from birthdat)+1,birthdat), dateadd
(day,-extract (day from birthdat)+1,cast('today' as date)) )/12) as age

from register

where status_pat ='ACTIVE' and patno >99
and lname <> 'TESTPATIENT'
) a

left outer join
(select patno, count(vacname) as total_menb from vaccine1 where cvxcode in (163,162,164) group by patno) v
on a.patno = v.patno
where age between 16 and 21
```

## SQL Code: MySQL

To highlight and copy the code below to your clipboard, simply click the **Copy** button.

Copy

```
select a.*, total_menb from
(
select patno, fname,lname, birthdat, floor(timestampdiff(year,birthdat,curdate())) as age
from register
where status_pat ='ACTIVE' and patno >99
and lname <> 'TESTPATIENT'
) a

left outer join
(select patno, count(vacname) as total_menb from vaccine1 where cvxcode in (163,162,164) group by patno) v
on a.patno = v.patno
where age between 16 and 21
```