

Important Content Update Message

We are currently updating the OP Help Center content for OP 20. We appreciate your patience as we continue to make these updates. To locate the version of your software, navigate to: **Help tab > About**

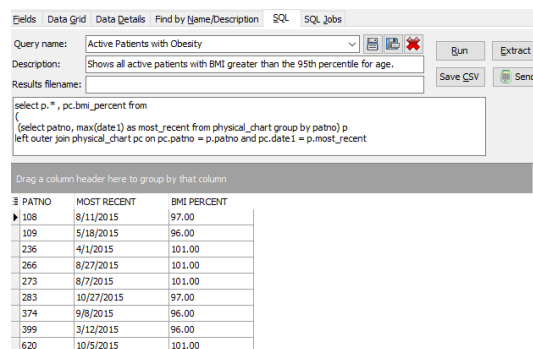
SQL: Active Patients with Obesity

Last Modified on 11/18/2020 1:47 pm EST

About

This SQL shows all active patients with BMI greater than the 95th percentile for age.

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



The screenshot shows a software interface with tabs for Fields, Data Grid, Data Details, Find by Name/Description, SQL, and SQL Jobs. The SQL tab is active, displaying the query name 'Active Patients with Obesity', a description 'Shows all active patients with BMI greater than the 95th percentile for age.', and the SQL code. Below the code is a table with 3 columns: PATNO, MOST RECENT, and BMI PERCENT. The table contains 10 rows of patient data.

PATNO	MOST RECENT	BMI PERCENT
108	8/11/2015	97.00
109	5/18/2015	96.00
236	4/1/2015	101.00
266	8/27/2015	101.00
273	8/7/2015	101.00
283	10/27/2015	97.00
374	9/8/2015	96.00
399	3/12/2015	96.00
620	10/5/2015	101.00

Caveats

This will show you all active patients whose BMI is greater than 95%.

Notes:

- The SQL only pulls patients whose status is ACTIVE.
- It only pulls patients ages 2 and up, since younger children don't have a BMI defined.
- It pulls patients whose BMI is GREATER than 95, not GREATER THAN OR EQUAL to 95.
- It looks at the patient's most recent BMI. So, if a child's BMI is currently under 95 even though the patient's previous three BMIs were over 95, the patient won't appear in the grid.

Code

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

Copy

```
select p.* , pc.bmi_percent from
(
  (select patno, cast(max(date1) as date) as most_recent from physical_chart group by patno) p
  left outer join physical_chart pc on pc.patno = p.patno and pc.date1 = p.most_recent
)
inner join register on register.patno = p.patno
where status_pat = 'ACTIVE' and bmi_percent > 95
```

