SQL: Beyfortus Population Evaluation

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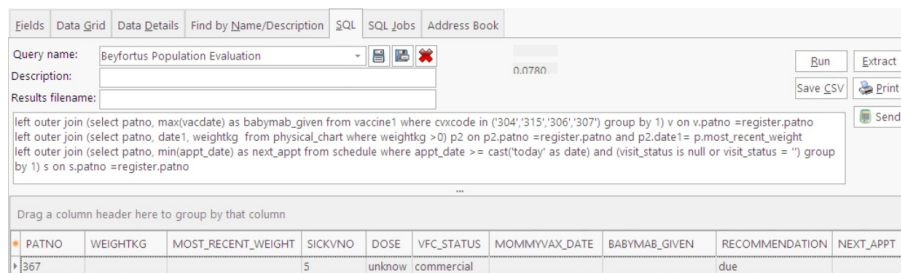
> ⓘ There are **two versions** of this SQL: Firebird and MySQL.**The MySQL version only applies to clients who are BETA testing MySQL**. All other Practices should continue to use the Firebird version of this code. Click to expand and copy the code you need. If you are unsure which code to use, please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

About

This SQL analyses patient records of all ACTIVE patients < 8 months old and lists their Beyfortus ("Babymab") status as "due" or "ok." It also lists their current VFC status, most recent weight (in kg), and whether the baby qualifies for 50 mg or 100 mg based on the most recent weight.

The AAP's dosing algorithm was used as a reference.

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

Caveats

- The "weight_kg" and "most recent weight" date fields are blank if the baby has never had a weight in your office (e.g. they've registered for your practice but have not yet been seen, or you only saw them in the hospital nursery).
- Because the DOSE field computes 50 mg or 100 mg based on the most weight, babies without a weight will show their DOSE as "unknown".
- Babies show as "ok" if a maternal dose of RSV vaccine ("MOMMYVAX") is listed in their chart, OR if the child's Immunizations show that Beyfortus has already been entered in their chart. Either an "Actually given" dose in your office or a "historical" dose (e.g. at birthing hospital) "counts" as "ok".
- Per AAP guidelines, babies whose mothers received a maternal dose of vaccine but the vaccine was not given more than 2 weeks prior to the baby's birthdate show as "due".
- This algorithm does NOT include high risk second season babies.
- OP must be at least version 21.3.12 to run this SQL.

⊕ SQL Code: Firebird

⊕ SQL Code: MySQL