The MIMIC web page shows [tutorial examples of Querying MIMIC-III](https://mimic.physionet.org/tutorials/intro-to-mimic-iii/) using Postgres SQL. These examples include Section 3, “Patient numbers,” through Section 7, “Services”:

3. Patient numbers

4. Mortality and admissions

5. Patient age and mortality

6. ICU stays

7. Services

The original Postgres SQL examples are shown in RStudio notebook **Querying-MIMIC-III-SQL.html**. Equivalent queries using tidyverse/dplyr R packages are shown in the **Querying-MIMIC-III-dplyr.html** RStudio notebook.

Section 8 of the web page shows a tutorial problem in 7 steps along with solutions in Postgres SQL code. The RStudio notebook **Querying-MIMIC-III-Tutorial-Problem-SQL.ht**ml shows the Postgres SQL solutions, while the notebook **Querying-MIMIC-III-Tutorial-Problem-Tidyverse-dplyr.html** shows the equivalent R tidyverse/dplyr solution.

These two sets of notebooks should help understand equivalent SQL and dplyr solutions.

However, the step 7 dplyr solution does not match the results of the SQL solution at this time. A separate “Compare” notebook explores the differences in solutions, which need to be resolved. For some reason, date comparisons made by Postgres SQL do not match those made in R.