**QC table checklist**

1. Check schema
   1. Are all the fields labeled?
   2. Is there a table description?
   3. Do the field labels make sense for all fields?
   4. Are the labels correct?
2. Look at table row number and size
   1. Do these metrics make sense?
3. Scroll through table manually
   1. See if anything stands out - empty columns, etc.
   2. The BigQuery table search user interface is useful for this test run. The test tier points to the isb-etl-open.
      1. [BigQuery table search test tier](https://isb-cgc-test.appspot.com/bq_meta_search/)
      2. [isb-project\_zero](https://console.cloud.google.com/bigquery?authuser=1&folder=&organizationId=&project=isb-project-zero&p=isb-project-zero&d=GDC_metadata&page=table)
   3. Run a manual check in the console with the steps mentioned in step 1
      1. Are all the fields labeled?
      2. Is there a table description?
      3. Do the field labels make sense for all fields?
      4. Are the labels correct?
4. Number of submitter\_id versus BigQuery metadata table
5. Number of case\_id versus BigQuery metadata table
6. Check for any duplicate rows present in the table
7. Verify count of table against main program clinical table if available
8. Verify submiiter\_id count of table against master rel\_clinical\_data table
9. Verify case\_id count of table against master rel\_clinical\_data table