\* Total Patient Count is not derived it is the count of all patients in the patient dimension table

COVID19 Variables of Interest (Derived)

|  |  |  |
| --- | --- | --- |
| Abnormal Chest X-Ray | UMLS:C0436503 | The test result that is worst/greatest value within 7 days of when COVID test was  performed |
| Flu Shot | UMLS:C0744062 | During the 15 months prior to COVID testing |
| Abnormal Chest CT | UMLS:C0742262 | The test result that is worst/greatest value within 7 days of when COVID test was  performed |
| Pregnant | UMLS:C0549206 | Within 7 days of COVID testing |
| Influenza A/B Positive | UMLS:C4738959 | Max value within 7 days after COVID testing |
| Biofire PCR Panel Titre | ACT|DERIVED:BIOFIRE | Max value within 7 days after COVID testing |
| Transplant | UMLS:C3841811 | Has the patient ever have a transplant prior to being COVID tested |
| Immunodeficiency | UMLS:C0021051 | Was the patient ever immune-deficient prior to being COVID tested |
| Auto-Immune Disease | UMLS:C0004364 | Was the patient ever suffer from auto-immune disease prior to being COVID tested |
| Chemotherapy | UMLS:C3665472 | Has the patient ever had chemotherapy |

Shawns original value definitions (Full List):

Our collection to date of important COVID data elements from medicine/critical care:

1. Ours:

|  |
| --- |
| SARS-COV-2 (Positive) -SPECIAL -DATE |
| SARS-COV-2 (Negative) - SPECIAL -DATE |
| SARS-COV-2 (Pending) - SPECIAL -DATE |
| Influenza A/B (Positive) -7DY -ANY |
| Abnormal CXR -7DY -ANY |
| Abnormal Chest CT -7DY -ANY |
| In ICU -7DY -ANY |
| Mechanical Ventilation -7DY -ANY |
| Death -7DY -ANY |
| ECMO -7DY -ANY |
| high-flow oxygen -7DY -ANY |
| Oxygen -7DY -ANY |
| ER-Urgent Admit -7DY -ANY |
| RespRate>20 -7DY -ANY |
| hospitalized -7DY -ANY |
| pulse > 140 -7DY -ANY |
| O2 Sat < 80 -7DY -ANY |
| Pneumonia -7DY -ANY |
| Blood Culture Positive -7DY -ANY |
| Biofire PCR panel titre -7DY -MAX |
| Healthcare worker -60DY -ANY |
| Recent travel -60DY -ANY |
| Smoker -MYR -ANY |
| known contact -14DY -ANY |
| transplant -MYR -ANY |
| diabetes -MYR -ANY |
| Immunodeficiency -MYR -ANY |
| Auto-immune disease -MYR -ANY |
| Steroids (past 9 months) -ANY |
| Chemotherapy (past 9 months) -ANY |
| LDL >190 -MYR -ANY |
| Asthma -MYR -ANY |
| COPD -MYR -ANY |
| CD4 <200 -ANY |
| transplant immunosuppression modifiable meds (past 9 months) -ANY |
| SOB -7DY -ANY |
| Cough -7DY -ANY |
| Fever/chills -7DY -ANY |
| Loss of taste/smell -7DY -ANY |
| Sore throat -7DY -ANY |
| Muscle aches/fatigue -7DY -ANY |
| Nausea/vomiting/diarrhea -7DY -ANY |
| Congestion -7DY -ANY |
| oseltamivir -7DY -ANY |
| remdesivir -7DY -ANY |
| hydroxychloroquine -7DY -ANY |
| darunavir/cobicistat -7DY -ANY |
| lopinavir/ritonavir -7DY -ANY |
| interferon beta B1 -7DY -ANY |
| tocilizumab -7DY -ANY |
| IL-6 -7DY -MAX |
| Procalcitonin -7DY -MAX |
| ferritin -7DY -MAX |
| prothrombin time -7DY -MAX |
| d-dimer -7DY -MAX |
| cardiac troponin -7DY -MAX |
| CRP (C-reactive protein) -7DY -MAX |
| Creatinine -7DY -MAX |
| BUN -7DY -MAX |
| Albumin -7DY -MAX |
| ALT-7DY -MAX |
| AST-7DY -MAX |
| biliruben -7DY -MAX |
| LDH -7DY -MAX |
| WBC -7DY -MAX |
| absolute lymphocyte count -7DY -MAX |
| absolute neutrophile count -7DY -MAX |
| BNP (brain naturetic protein) -7DY -MAX |
| Hematocrit -7DY -MAX |
| Total Cholesterol -LATEST |
| LDL -LATEST |
| Flu Shot 2019-2020 (past 15 months) |
| History of BCG -MYR -ANY |
| SBP -7DY -MAX |
| DBP -7DY -MAX |
| RSV -7DY -ANY |
| Adenovirus -7DY -ANY |
| Legionella -7DY -ANY |
| Strep pneumonia -7DY -ANY |
| Mycoplasma -7DY -ANY |
| HT -7DY -MAX |
| WT -7DY -MAX |
| BMI -7DY -MAX |
| Statins (past 9 months) -ANY |
| ACE Inhibitors (past 9 months) -ANY |
| ARBs (past 9 months) -ANY |
| NSAIDs (past 9 months) -ANY |
| hiv serologies -MYR -MAX |
| hcv seriologies -MYR |
| hbv serologies -MYR |
| Pregnant -7DY -ANY |
| cefipine / ceftriaxone -7DY -ANY |
| azithromycin -7DY -ANY |
| vancomycin -7DY -ANY |
| cpk -7DY -MAX |
| Potassium -7DY -MAX |
| Housing -14DY -LATEST |

Abbreviations:

|  |  |
| --- | --- |
| 7DY | The test result that is worst/greatest value within 7 days of when COVID test was performed |
| 60DY | The test result that is worst/greatest value within 60 days of when COVID test was performed |
| 14DY | The test result that is worst/greatest value within 14 days of when COVID test was performed |
| MYR | The test result is any time prior to when COVID test was performed |
| (past 9 months) | Prescribed in the past 9 months |
| (past 15 months) | Prescribed in the past 15 months |
| LATEST | The last test result available |
|  |  |
|  |  |
| MAX | The maximum value (often within a time period) must be chosen |
| ANY | If this item occurs at any time the value should be TRUE |
| SPECIAL | Special calculatioin to create the date attached to the test result |
| LATEST | The latest value |