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| **Existing Question** | **Suggestion/Comment** |
| Patient probably positive for severe acute respiratory syndrome coronavirus 2 | The word ‘Probably’ in the Question leads to uncertainty. Are they asking the clinician to assume/guess whether or not a patient is positive at presentation prior to testing being done? Perhaps this question was drafted when testing was not as widely available? Once testing is done, a patient can either be confirmed positive or negative. For answering “Probably” in the question, one must assume that all the confirmed positive tests are false positives.Suggestion: “Has the patient been tested for SARS-CoV-2? What type of test was it? What is the test result?”-Here in Colorado it looks like “probable positive” actually has a definition:**Probable Positive:**Meets clinical criteria\* AND epidemiologic evidence† with no confirmatory laboratory testingORMeets clinical criteria\* AND has tested positive using an antigen or serologic FDA approved testORHas an epidemiologic link† AND has tested positive using an antigen or serologic FDA approved testORHas a death certificate that lists COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death with no confirmatory laboratory testing performed for COVID-19. |
| Did the patient develop pneumonia? | Pneumonia is a clinical diagnosis; how will the patient know he developed Pneumonia? The questionnaire is retrospective and being filled after patient had received treatment? -Yes these questions were all past tense and I would assume pneumonia would already be documented in the patient record. I am not sure if they are asking:* Does the patient have a history of pneumonia
* Does the patient currently have pneumonia
* Does the patient have symptoms of pneumonia but it is not diagnosed
* Retrospectively did the patient have pneumonia during their stay

I would think we just need to document our assumed use case, e.g. is this a triage question? Or a case report to CDC? |
| Did the patient have an abnormal chest X-ray? | Did the patient have a chest X-ray? What did the chest X-ray show?-Agree these are better questions |
| Did the patient have an abnormal EKG? | Did the patient have an EKG? What does the EKG show?-Agree this is a better question |
| Did the patient experience a measured fever? | What was the temperature of the patient?-Agree this is a better question |
| [Does the patient have cancer?](https://logica.atlassian.net/wiki/spaces/SOLOR/pages/1012498682/Does%2Bpatient%2Bhave%2Ba%2Bhistory%2Bof%2BCancer) | Does the patient have personal hx of cancer? (not just currently)-Would probably need both questions right? Current tx |
| Did the patient experience a new onset of a cough? | Is the cough productive of sputum? Is the cough productive of Blood? |
| Does the patient have severe obesity (BMI>40)? | What is the patient’s Height/Weight?-agree better “learning” questions here would be to ask: 1. What is the patient’s date of birth?
2. What is the biological sex of the patient? (already collected above)
3. What is the patient's weight?
4. What is the patient’s height?

Calculate the BMI and record the number and then flag those values over 40. e.g. in the future, you might learn that the risk is also >=30.BMI = body weight (kg) / height (meteres) squared |
| [Does the patient have chronic renal disease?](https://logica.atlassian.net/wiki/spaces/SOLOR/pages/1037860877/Does%2Bthe%2Bpatient%2Bcurrently%2Bhave%2BChronic%2BRenal%2BDisease) | What stage of Chronic Renal Disease?-The coding for this should be <<709044004 |Chronic kidney disease (disorder)| representing this concept and any of the subtypes where the smore specific stages reside. Since this isn’t a Yes/No/Unk I would think the questionnaire would implement this concept and everything below as choices. |
| [Does the patient have chronic liver disease?](https://logica.atlassian.net/wiki/spaces/SOLOR/pages/1040351273/Does%2Bthe%2Bpatient%2Bhave%2Bchronic%2Bliver%2Bdisease) | What type of Chronic Liver Disease?-The coding for this should be <<328383001 |Chronic liver disease (disorder)| representing this concept and any of the subtypes |
| [Does the patient have chronic lung disease?](https://logica.atlassian.net/wiki/spaces/SOLOR/pages/1040056351/Does%2Bthe%2Bpatient%2Bhave%2Bchronic%2Blung%2Bdisease) | What type of Chronic Lung Disease?-The coding for this should be <<413839001 |Chronic lung disease (disorder)| representing this concept and any of the subtypes |
| Does the patient have an immunosuppressive condition? | What type of immunosuppressive condition?-I pointed this to the “finding” of 38013005 |Immunosuppression (finding)| just a general condition or maybe 68605000 |Immunosuppression-related infectious disease (disorder)| would be better?  |
| [Does the patient have an autoimmune condition?](https://logica.atlassian.net/wiki/spaces/SOLOR/pages/1041072161/Does%2Bthe%2Bpatient%2Bhave%2Ban%2Bautoimmune%2Bcondition) | What type of autoimmune condition?-The coding for this should be <<85828009 |Autoimmune disease (disorder)| representing this concept and any of the subtypes |
| Does the patient have a substance abuse condition? | What does the patient use?-I think we still need the original questions (abuse & misuse) but the specific substance would be very useful. Since this could, in theory, be any substance we would have to use <<105590001 |Substance (substance)|  |
| Does the patient have another chronic disease? | What type of other chronic condition does the patient have? -The coding for this should be <<27624003 |Chronic disease (disorder)| representing this concept and any of the subtypes, and the actual disorder documented would be more specific. |
| Did the patient experience chest pain? | Can you tell me the location of chest pain? Does the pain radiate? On a scale of 1-10, can you grade the pain?Aspirational:Description of Chest pain?How often does the patient has the chest pain?When did the chest pain started?Relieving/Aggravating factor for the chest pain-again this seems to depend on the use case, current vs. retrospective |
| Did the patient experience diarrhea (≥3 loose/looser than normal stools/24hr period)? | Any Blood/Mucus in the stool?-Assuming that the slash means “and/or”, this would need to be two questions one coded to 405729008 |Hematochezia (finding)| and one coded to 271864008 |Mucus in stool (finding)| |