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| **Project: New Haven Urgent Care Team# 25** | |
|  | **Test Date: 12/13/2020** |
| **Test Case ID#: 9** | **Name(s) of Tester(s): Tony Phan** |
| **Test Description (What are you testing? – you must be specific): This will test if a diagnosis can be inserted without a service provider or someone other than a service provider** |  |
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**NOTE: The following information must be provided to be given credit for any test.**

**Test Data (Provide the file name of the script used to insert data, provide a screen capture to reflect data, or provide script here):**

INSERT INTO PATIENT (PID, DOB, Fname, Minit, Lname)

VALUES (125, 2000-01-01, "John", "D", "Smith");

INSERT INTO EMPLOYEE (EID, SSN, Fname, Minit, Lname)

VALUES (14, 22222222222, "Mister", "E", "Employee");

INSERT INTO IN\_CLERK (CID, EID)

VALUES (1014, 14);

INSERT INTO VISIT (V\_id, Visit\_time, Initial\_cost, Additional\_cost, Patient\_id, Clerk\_Id)

VALUES (103, '2020-12-0 00:00:00', 10, 100, 125, 1014);

INSERT INTO MEDICAL\_CONDITION(Cm\_code, Name)

VALUES("mp3","Music");

INSERT INTO EMPLOYEE (EID, SSN, Fname, Minit, Lname)

VALUES (15, 00000000000, "Default", "E", "Employee");

INSERT INTO SERVICE\_PROVIDER (SID, EID)

VALUES (1015, 15);

INSERT INTO DIAGNOSIS(`Cm\_code`,`Visit\_Id`,`Provider\_Id`)

VALUES("mp3", 103, 1015);

**SQL Query(s) used for testing:**

Note: This test will pass in the sense that a service provider is required to be in the database before a diagnosis can be inserted. It should be noted that an in clerk must also exist before a diagnosis can go in (diagnosis requires visit which requires in clerk which requires employee) Also, before a service provider can be inserted, an employee must exist. This shows that employee is a prerequisite for both in clerk and service provider. There is nothing that prevents an employee from being both a service provider and in clerk. So if a service provider/in clerk combo employee exists and makes a diagnosis, the test fails that ONLY service providers make diagnoses (not a combo employee of type provider and something else too)

SELECT PATIENT.Fname, VISIT.V\_id, Cm\_Code, SID, EID

FROM PATIENT, VISIT, DIAGNOSIS, SERVICE\_PROVIDER

WHERE PATIENT.PID = VISIT.Patient\_id

AND VISIT.V\_id = DIAGNOSIS.Visit\_Id

AND DIAGNOSIS.Provider\_Id = SERVICE\_PROVIDER.SID;

INSERT INTO SERVICE\_PROVIDER (SID, EID)

VALUES (1016, 14);

INSERT INTO MEDICAL\_CONDITION(Cm\_code, Name)

VALUES("mp4","Video");

INSERT INTO DIAGNOSIS(`Cm\_code`,`Visit\_Id`,`Provider\_Id`)

VALUES("mp4", 103, 1016);

SELECT Fname, CID, SID FROM SERVICE\_PROVIDER, EMPLOYEE, IN\_CLERK

WHERE SERVICE\_PROVIDER.EID = EMPLOYEE.EID

AND EMPLOYEE.EID = IN\_CLERK.EID;