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| **Project: New Haven Urgent Care Team#28** | |
|  | **Test Date: 12/12/2019** |
| **Test Case ID#: 7** | **Name(s) of Tester(s): Brandon Chan** |
| **Test Description (What are you testing? – you must be specific): Testing to see if only service providers can make diagnoses** |  |
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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):**

**Start with clear data base**

**Use the add\_data.sql script on a blank instance of the database**

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

# Can only service providers make a diagnosis(es)?

#run add\_data before running this

# Query 1: Nurse making a diagnosis

# Entering a NurseID into the SVC Provider ID

INSERT INTO C4707F19U137.Diagnosis VALUES ('Appendix', 'ICM-CODE3', 101, 2500, 3);

# result: throws a foreign key contraint error (as expected)

# works properly

# Query 2: Entering unknown SVCPID

INSERT INTO C4707F19U137.Diagnosis VALUES ('Appendix', 'ICM-CODE4', 101, 2500, 100);

# result: throws a foreign key contraint error (as expected)

# works properly

# Query 3: What if a Nurse ID == SVCPID

INSERT INTO C4707F19U137.Employee VALUES (10, 12345234, 'Smith', 'Lowry', 'Connor', 'Salary', 49551, 3);

INSERT INTO C4707F19U137.Nurse VALUES (10);

INSERT INTO C4707F19U137.Diagnosis VALUES ('Appendix', 'ICM-CODE5', 101, 2500, 10);

SELECT \* FROM C4707F19U137.Diagnosis;

# result: adds to the list since SVCPID 10 and is pointing to the service provider with ID 10 (not the nurse)

# works properly

Conclusion: This test has passed. Only service providers may input diagnoses. In order for a diagnosis to be allowed, the service provider ID in diagnosis must also be in Service Provider (via FK -> PK relation).