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| **Project: New Haven Urgent Care Team# 9** | |
|  | **Test Date: 12/9** |
| **Test Case ID#: 7** | **Name(s) of Tester(s): Shin Yin Teh** |
| **Test Description (What are you testing? – you must be specific):**     * Can only service providers make a diagnosis(es)? |  |
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**Test Data (Provide the file name of the script used to insert data, provide a screen capture to reflect data, or provide script here):**

/\* Create a department for service providers\*/

INSERT INTO Department(Id, Name)

VALUES(2, 'Providers');

/\* Create a service providers in Employee table\*/

INSERT INTO Employee(EId, Ssn, FName, LName, DId)

VALUES(1, 333669999, 'Yuyu', 'Huang', 2);

/\* Create a Diagnosis\*/

INSERT INTO Diagnosis(Name, `ICD-10-CM-Code`, Cost)

VALUES('Cancer4', 'cancer final stage', 12345.67);

/\*Create a patient\*/

INSERT INTO Patient(PId, FName, LName, Day, Month, Year)

VALUES(7, 'Ann', 'Hank', 3, 4, 2010);

/\* Insert an employee to be used as an intake clerk \*/

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES (6, 182347628, 'James', 'Man', 'Doe', 2);

/\* Insert a service provider \*/

INSERT INTO ServiceProvider(EId, SId)

VALUES (1, 1);

/\* Insert an intake clerk \*/

INSERT INTO IntakeClerk(EId)

VALUES (6);

/\* Insert a visit \*/

INSERT INTO Visit(VId, In\_time, Out\_time, Day, Month, Year, PId, Intake\_EId, Service\_EId)

VALUES (10, '09:10:00', '11:15:00', 9, 12, 2019, 7, 6, 1);

/\*Insert visit has diagnosis\*/

INSERT INTO VisitHasDiagnosis(`ICD-10-CM-Code`, VId, SId)

VALUES ('cancer final stage', 10, 1);

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

/\* Query to retrieve the employee id of the service provider that made the diagnosis for the visit \*/

/\* PASS: We can retrieve info of the service provider \*/

SELECT Employee.EId

FROM Employee, VisitHasDiagnosis, ServiceProvider

WHERE VisitHasDiagnosis.SId = ServiceProvider.SId AND ServiceProvider.EId = Employee.EId;

/\* Query to have an intake clerk make a diagnosis \*/

/\* FAIL: Anyone can make a diagnosis since we didn’t include a foregin key constraint on the service provider id \*/

INSERT INTO VisitHasDiagnosis(`ICD-10-CM-Code`, VId, SId)

VALUES ('cancer final stage', 10, 6);