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| **Project: New Haven Urgent Care Team#25** | |
|  | **Test Date: 12/13/2020** |
| **Test Case ID#: 5** | **Name(s) of Tester(s): Amogh Bhagwat, David Nguyen, Grant Colestock, Tony Phan** |
| **Test Description (What are you testing? – you must be specific):** This checks if each patient can be seen by only one service provider per visit. |  |
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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 ('001', '2000-01-01', 'Adult', 'A', 'Patient');

INSERT INTO EMPLOYEE (EID, SSN, Fname, Minit, Lname) VALUES (1, 00000000001, 'Clerk', 'A', 'Employee');

INSERT INTO IN\_CLERK (CID, EID) VALUES ('1', '1');

INSERT INTO EMPLOYEE (EID, SSN, Fname, Minit, Lname) VALUES (2, 00000000002, 'Doctor', 'A', 'Employee');

INSERT INTO SERVICE\_PROVIDER (SID, EID) VALUES ('2', '2');

INSERT INTO EMPLOYEE (EID, SSN, Fname, Minit, Lname) VALUES (3, 00000000003, 'Physician', 'A', 'Employee');

INSERT INTO SERVICE\_PROVIDER (SID, EID) VALUES ('3', '3');

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

VALUES ('1', '2020-12-01 12:00:00', '100', '0', '001', '1');

INSERT INTO MEDICAL\_CONDITION (Cm\_Code) VALUES ('ST4');

INSERT INTO MEDICAL\_CONDITION (Cm\_Code) VALUES ('ST3');

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

VALUES ('ST4', 1, 2);

-- Can a second service provider make the same diagnosis during the same visit?

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

VALUES ('ST4', 1, 3);

-- Can a second service provider diagnosis a different condition during the same visit?

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

VALUES ('ST3', 1, 3);

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

Test passes if only the first insert statement returns no error, and the patient was only seen by one service provider.

SELECT COUNT(Provider\_Id)

FROM DIAGNOSIS

GROUP BY Visit\_Id

Result



