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| **Project: New Haven Urgent Care Team# 25** | |
|  | **Test Date: 12/13/2020** |
| **Test Case ID#: 10** | **Name(s) of Tester(s): Tony Phan** |
| **Test Description (What are you testing? – you must be specific): This will test if followup ests/procedures can be recorded by prescribing a treatment to a patient during their 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 (126, 2000-01-01, "George", "W", "Bush");

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

VALUES (17, 1234567890, "Carry", "A", "Hatchet");

INSERT INTO IN\_CLERK (CID, EID)

VALUES (1017, 17);

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

VALUES (106, '2020-12-0 00:00:00', 10, 100, 126, 1017);

INSERT INTO TREATMENT (Pcs\_code, Name, Cost)

VALUES ("nothing", "Do Nothing", 24);

INSERT INTO PRESCRIBED (Vist\_ID, Pcs\_code)

VALUES (106, "nothing");

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

Note: By joining prescribed, treatment, and visit, the database can check to see of a patient is prescribed during their visit. Then should the patient make another visit, this visit can be pulled up and the treatment/prescription can be displayed. In this sense it fulfills the requirement. However, one thing that this design does not require is a service provider to make a diagnosis. So it is possible for a patient to return for another visit, but there will be no record of the service provider who made a diagnosis and their prescribed treatment, which is possibly information that should be captured.

SELECT Fname, V\_id, TREATMENT.Pcs\_code

FROM PATIENT, VISIT, TREATMENT, PRESCRIBED

WHERE PATIENT.PID = VISIT.Patient\_id

AND VISIT.V\_id = PRESCRIBED.Vist\_ID

AND PRESCRIBED.Pcs\_code = TREATMENT.Pcs\_code;

Multiple prescribed treatments are also possible

INSERT INTO TREATMENT (Pcs\_code, Name, Cost)

VALUES ("dostuff", "Do Something", 53);

INSERT INTO PRESCRIBED (Vist\_ID, Pcs\_code)

VALUES (106, "dostuff");

SELECT Fname, V\_id, TREATMENT.Pcs\_code

FROM PATIENT, VISIT, TREATMENT, PRESCRIBED

WHERE PATIENT.PID = VISIT.Patient\_id

AND VISIT.V\_id = PRESCRIBED.Vist\_ID

AND PRESCRIBED.Pcs\_code = TREATMENT.Pcs\_code;