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| **Project: New Haven Urgent Care Team# 25** | |
|  | **Test Date: 12/13/2020** |
| **Test Case ID#: 11** | **Name(s) of Tester(s): Tony Phan** |
| **Test Description (What are you testing? – you must be specific): This will test if an in\_clerk can collect insurance information and copay/payment information** |  |
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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 PATIENT (PID, DOB, Fname, Minit, Lname)

VALUES (127, 2000-01-01, "Donald", "J", "Trump");

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

VALUES (18, 9876543210, "Tip", "D", "Canoe");

INSERT INTO IN\_CLERK (CID, EID)

VALUES (1017, 18);

INSERT INTO INSURANCE\_POLICY (Policy\_no)

VALUES (1122334455);

INSERT INTO VISIT (V\_id, Visit\_time, Initial\_cost,

Additional\_cost,Patient\_id, Pol\_no, Clerk\_Id)

VALUES (127, '2020-12-0 00:00:00', 10, 100, 126, 1122334455, 1017);

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

Note: Testing this requirement means checking if a clerk, payment, and insurance information can be returned. In our ER/EER diagram, copay is indicated as “Either the copay if they have insurance or the cost without insurance.” The copay amount is never actually recorded. Just if they have one. Payment is resolved by a different department, so we did not include who pays what, just what the payment is. Testing is done by inserting 2 patients into the database. One has insurance and the other doesn’t. The visit will contain everything necessary. It contains the clerk’s id, the policy number, and cost for the visit. Checking for a NULL policy number will determine if the patient has insurance. If they do have insurance, then they have a copay. As stated before, the copay amount isn’t recorded, they just have one.

SELECT Fname, V\_id, Clerk\_id, Pol\_no, Initial\_cost + Additional\_cost

FROM PATIENT, VISIT

WHERE PATIENT.PID = VISIT.Patient\_id

AND VISIT.Pol\_no IS NOT NULL;