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| **Project: New Haven Urgent Care Team# 9** | |
|  | **Test Date: 12/4** |
| **Test Case ID#: 3** | **Name(s) of Tester(s): Brandon** |
| **Test Description (What are you testing? – you must be specific):**     * Does the system update the insurance status of patient if they have insurance initially but later have no insurance? * Can we add a patient without past or current insurance? |  |
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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):**

# Add a patient who doesn't have insurance

INSERT INTO Patient(PId, FName, MName, LName, House\_number, Street, City, State, Zip, Day, Month, Year, Has\_insurance)

VALUES (0, 'Brandon', 'Z', 'Xu', '220','Delaware St SE','Minneapolis','MN', '55455', '3', '10', '1999', false);

# Add a patient who has insurance initially, but loses insurance

INSERT INTO Patient(PId, FName, MName, LName, House\_number, Street, City, State, Zip, Day, Month, Year, Has\_insurance)

VALUES (1, 'David', 'P', 'Xu', '220','Delaware St SE','Minneapolis','MN', '55455', '1', '21', '2004', true);

# Add insurance to insurance table

INSERT INTO Insurance(Provider\_name, Member\_id, Group\_id, Start\_date, End\_date, Copay, PId)

VALUES('Blue Cross Blue Shield', 12345, 67890, '2019-09-01', '2020-09-01', 20.0, 1);

# Update end date so insurance is not valid anymore

UPDATE Insurance

SET End\_date = '2019-10-01'

WHERE Provider\_name = 'Blue Cross Blue Shield' AND Group\_id = 67890 AND Member\_id = 12345;

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

/\* Patient 0 should not have insurance

Pass: Query returns false. We can have a patient without insurance\*/

SELECT Has\_insurance

FROM Patient

WHERE PId = 0;

/\* Patient 0 should not have insurance

Pass: Query returns empty table. We can have a patient without insurance\*/

SELECT \*

FROM Insurance

WHERE PId = 0;

/\* Patient 1 should not have insurance

Fail: Query returns true but it should be false. The has\_patient flag does not automatically update when the end date of the insurance changes to a date in the past.\*/

SELECT Has\_insurance

FROM Patient

WHERE PId = 1;