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| **Project: New Haven Urgent Care Team# 9** | |
|  | **Test Date:**  12/09 |
| **Test Case ID#: 4** | **Name(s) of Tester(s): Brandon Xu** |
| **Test Description (What are you testing? – you must be specific):**     * Does the system retain old insurance information when new insurance is added? * Can a patient have old insurance information and no current insurance? * Can we identify the current insurance from the end date? |  |
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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 has two insurance entries \*/

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', true);

/\* Add insurance to insurance table for patient 0 \*/

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

VALUES('Blue Cross Blue Shield', 12345, 67892, '2018-09-01', '2019-09-01', 20.0, 1);

/\* Add current insurance to insurance table for patient 0 \*/

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', NULL, 20.0, 0);

/\* Add a second patient who doesn't currently have 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', false);

/\* Add past insurance for a second patient \*/

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

VALUES('Blue Cross Blue Shield', 18878, 67892, '2009-09-01', '2010-09-01', 20.0, 1);

/\* Add patient with two current insurance plans \*/

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

VALUES(2, 'Aaron', 'Hank', '1111', 'Delaware St SE','Minneapolis','MN', '55455', '1', '10', '1980', true);

/\* Add first insurance plan for patient 2 \*/

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', null, 20.0, 2);

/\* Add second insurance plan for patient 2 \*/

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

VALUES('Blue Cross Blue Shield', 23242, 67892, '2019-07-01', null, 20.0, 2);

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

/\* Patient 0 has one past insurance entry and one current insurance entry. This query should return both entries.

Pass: Returns the all insurance history for patient 0. \*/

SELECT \*

FROM Insurance

WHERE PId = 0;

/\* Patient 0 has a current insurance with null as the end date. This insurance should be returned.

Pass: Returns only the current insurance for patient 0. \*/

SELECT \*

FROM Insurance

WHERE PId = 0 AND End\_date is null;

/\* Patient 1 only has one expired insurance. This query should return the expired insurance.

Pass: Returns the expired insurance for patient 1. \*/

SELECT \*

FROM Insurance

WHERE PId = 1;