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| **Project: New Haven Urgent Care Team# 9** | |
|  | **Test Date: 12/12** |
| **Test Case ID#: 15** | **Name(s) of Tester(s): Shin Yin Teh** |
| **Test Description (What are you testing? – you must be specific):**     * Are we able to review the vitals defined on the write up of the patient through queries for a given visit? |  |
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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):**

/\* Create a department for nurses \*/

INSERT INTO Department(Id, Name)

VALUES(4, 'Nurse');

/\* Create a department for service providers \*/

INSERT INTO Department(Id, Name)

VALUES(3, 'Oncology');

/\* Insert employees to be used as nurse \*/

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES(8, 333889999, 'Rose', '', 'Ting', 4);

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES(9, 333119999, 'He', '', 'llo', 4);

/\* Insert employee to be used as service provider \*/

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES(1, 133119999, 'Jane', 'Mary', 'Doe', 3);

/\* Insert employee to be used as intake clerk \*/

INSERT INTO Employee(EId, Ssn, FName, MName, LName, DId)

VALUES(6, 333119998, 'Ben', 'William', 'Franklin', 3);

/\*Insert a nurses\*/

INSERT INTO Nurse(EId, NId)

VALUES (8,8);

INSERT INTO Nurse(EId, NId)

VALUES (9,9);

/\*Create patients\*/

INSERT INTO Patient(PId, FName, LName, Day, Month, Year)

VALUES(7, 'Ann', 'Hank', 3, 4, 2010);

INSERT INTO Patient(PId, FName, LName, Day, Month, Year)

VALUES(5, 'Ho', 'la', 3, 4, 2010);

/\* Insert a service provider \*/

INSERT INTO ServiceProvider(EId, SId)

VALUES (1, 1);

/\* Insert an intake clerk \*/

INSERT INTO IntakeClerk(EId)

VALUES (6);

/\* Insert a visit \*/

INSERT INTO Visit(VId, In\_time, Out\_time, Day, Month, Year, PId, Intake\_EId, Service\_EId)

VALUES (10, '09:10:00', '11:15:00', 9, 12, 2019, 7, 6, 1);

INSERT INTO Visit(VId, In\_time, Out\_time, Day, Month, Year, PId, Intake\_EId, Service\_EId)

VALUES (19, '09:10:00', '11:15:00', 9, 12, 2019, 5, 6, 1);

/\* Insert initial assessments \*/

INSERT INTO InitialAssessment(VId, Height, Weight, Blood\_pressure, Temperature, NId)

VALUES(10, 170, 50,80, 36, 8);

INSERT INTO InitialAssessment(VId, Height, Weight, Blood\_pressure, Temperature, NId)

VALUES(19, 160, 45, 86, 36, 9);

/\* Insert medication \*/

INSERT INTO Medication(MId, Name)

VALUES (12, 'Cancer');

INSERT INTO Medication(MId, Name)

VALUES (16, 'Pain killer');

/\* Insert initialAssessmentHasMedicalConditions\*/

INSERT INTO InitialAssessmentHasMedicalConditions(Medical\_condition, VId)

VALUES ('bad', 10);

INSERT INTO InitialAssessmentHasMedicalConditions(Medical\_condition, VId)

VALUES('fair', 19);

/\*insert initial assessment has medication\*/

INSERT INTO InitialAssessmentHasMedication(MId, VId, Dose, Frequency, Strength)

VALUES(12, 10, '2 per frequency', '5 per day', '500ml');

INSERT INTO InitialAssessmentHasMedication(MId, VId, Dose, Frequency, Strength)

VALUES(16, 19, '1 per frequency', '1 per day', '10ml');

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

/\* Reviewing vitals associated with a visit based on the visit id \*/

/\* PASS: We can successfully view all the vitals associated with a visit \*/

SELECT \*

FROM InitialAssessment

WHERE VId = 10;

SELECT \*

FROM InitialAssessment

WHERE VId = 19;

/\* Reviewing vitals, medical conditions and medications based on visit id \*/

/\* PASS: We can successfully view all information associated with InitialAssessment including vitals, medical conditions and medications \*/

SELECT \*

FROM InitialAssessment I, InitialAssessmentHasMedicalConditions IMC, InitialAssessmentHasMedication IM

WHERE I.VId = 10 AND I.VId = IMC.VId AND I.VId = IM.VId;