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| **Project: New Haven Urgent Care Team# 1** | |
|  | **Test Date: 12/8/2019** |
| **Test Case ID#: 17** | **Name(s) of Tester(s): Kun Ki Lee, Eric Hwang, Kyeongtak**  **Han, Dongha Kang** |
| **Test Description (What are you testing? – you must be specific):**  **Test to see if doctors can request more than one test/procedure per visit. Assume one doctor can only see one patient at a time.** |  |
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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):**

**Screen shot of the result:**

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

insert into Department(Dno)

values (1);

insert into Employee(E\_ID, Fname, Lname, Dno)

values (123, 'Jame', 'Moon', 1);

insert into Employee(E\_ID, Fname, Lname, Dno)

values (124, 'Mark', 'Kim', 1);

insert into Employee(E\_ID, Fname, Lname, Dno)

values (125, 'Sterlin', 'Madern', 1);

INSERT INTO Service\_Provider (E\_ID, SP\_ID)

Values (123, 111);

INSERT INTO Service\_Provider (E\_ID, SP\_ID)

Values (124, 112);

INSERT INTO Service\_Provider (E\_ID, SP\_ID)

Values (125, 113);

INSERT INTO Patient(P\_ID, Insurance\_Info, Dob, Zip, Address, State, City, Fname, Lname, Ezip, EAddress, Estate, Ecity, Efirst, Elast)

values (1000, 'yes', '1988-09-14', 55414, 'Address here', 'MN', 'Minneapolis', 'Eric','Hwang', 98036, 'E address', 'WA', 'Seattle', 'Jeremy', 'Jia');

INSERT INTO Patient(P\_ID, Insurance\_Info, Dob, Zip, Address, State, City, Fname, Lname, Ezip, EAddress, Estate, Ecity, Efirst, Elast)

values (2000, 'yes', '1998-09-14', 55414, 'Address here', 'MN', 'Minneapolis', 'Shine','Jang', 98036, 'E address', 'WA', 'Seattle', 'Jeremy', 'Jia');

insert into Nurses(E\_ID, N\_ID)

values (124, 001);

insert into Nurses(E\_ID, N\_ID)

values (123, 002);

insert into Initial\_Nurse(E\_ID, N\_ID)

values (124, 001);

insert into Assist\_Nurse(E\_ID, N\_ID)

values (123, 002);

insert into Doctor

values (125, 113);

insert into Initial\_Assessment

values (1000, 111, 'Heart disease', 19.8, 182, 83.2, 145, 124, 001);

insert into Initial\_Assessment

values (1000, 112, 'Heart disease', 19.8, 182, 83.2, 145, 124, 001);

insert into Initial\_Assessment

values (2000, 112, 'Heart disease', 19.8, 174, 83.2, 145, 124, 001);

insert into Diagnosis(P\_ID, ICD\_10\_CM\_Code, Dname, SP\_ID, SP\_E\_ID)

values (1000, 'abc0001','Assessment', 113, 125);

insert into Diagnosis(P\_ID, ICD\_10\_CM\_Code, Dname, SP\_ID, SP\_E\_ID)

values (1000, 'efg0002','Assessment2', 113, 125);

insert into Treatment

values ('pcs\_code 001', 'Dayquil');

insert into Treatment

values ('pcs\_code 002', 'Nightquil');

insert into Conduct

values (1000, 'abc0001', 'pcs\_code 001');

insert into Conduct

values (1000, 'efg0002', 'pcs\_code 002');

insert into Seen(P\_ID, SP\_E\_ID, SP\_ID, Time\_In, Time\_Out)

values (1000, 125, 113, '12:30:00.00', '13:00:00');

insert into Test\_Procedure

values ('000-111-222', 'Test name', 87.5);

insert into Test\_Procedure

values ('111-222-333', 'Test name2', 55);

insert into Required

values ('000-111-222', 'pcs\_code 001');

insert into Required

values ('111-222-333', 'pcs\_code 002');

select Seen.P\_ID, Test\_Procedure.ICD\_10\_PCS\_Code, Test\_Procedure.Test\_Name, Seen.Time\_In, Seen.Time\_Out

From (Diagnosis natural join Conduct) natural join Treatment

natural join ((Patient natural join Seen) natural join Service\_Provider) natural join(Test\_Procedure natural join Required);

Explain and discuss:

As the above result shows, Doctors can request more than one test/procedure per visit (assume that per visit means the same patient at the same time, one doctor can only see one patient at a time). In real life, it make sense since one patient might need various test./procedure due to his health condition.