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| **Project: New Haven Urgent Care Team# 1** | |
|  | **Test Date: 12/8/2019** |
| **Test Case ID#: 18** | **Name(s) of Tester(s): Kun Ki Lee, Eric Hwang, Kyeongtak Han, Dongha Kang** |
| **Test Description (What are you testing? – you must be specific): Checking if Test/Procedure’s fields could be empty for a specific visit of a Patient with a Doctor.** |  |
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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):**

**Diagnosis Table after Patient’s visitA screenshot of a computer

Description automatically generated**

**Test\_Procedure TableA screenshot of a computer

Description automatically generated**

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

**SELECT \* FROM Doctor;**

**SELECT \* FROM Service\_Provider;**

**INSERT INTO Employee (E\_ID, Fname, Lname, Dno)**

**VALUES (12, "Dr.", "Simpsons", 4707);**

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

**VALUES (12, 1212);**

**INSERT INTO Doctor (E\_ID, SP\_ID)**

**VALUES (12, 1212);**

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

**VALUES (0506, 'Yes', '2000/01/14', 55414, 'Washington Ave', 'MN', 'Minneapolis', 'Soo Gi', 'Lee', 55414, 'UMN', 'MN', 'Minneapolis', 'Baron', 'Griffin');**

**INSERT INTO Seen (P\_ID, SP\_E\_ID, SP\_ID, Time\_In, Time\_Out)**

**VALUES (0506, 4, 2, '22:00', '23:00');**

**SELECT \* FROM Seen;**

**SELECT \* FROM Test\_Procedure;**

**SELECT \* FROM Diagnosis;**

**INSERT INTO Diagnosis**

**VALUES (0506, "Pain", "Stomach Infection", 1212, 12);**

**Explanation**: This shows that a Patient may not have a Test/Procedure for a visit. A Diagnosis is made for every Patient visiting the Doctor, yet a Test/Procedure was not created for a Diagnosis. A probable solution if a Test/Procedure should be present no matter the circumstances would be the addition of a foreign key from Diagnosis to Test/Procedure. This would provide every Diagnosis with an option to put a Test/Procedure for the specific diagnosis.