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| **Project: New Haven Urgent Care Team# 9** | |
|  | **Test Date: 12/05** |
| **Test Case ID#: 2** | **Name(s) of Tester(s): Avleen Kaur** |
| **Test Description (What are you testing? – you must be specific):**   * Can a patient over the age of 18 be inserted to the Patient table? * Can we ensure that this patient does not have a parent or guardian in the Parent table? * When an already existing patient turns over 18 years old, do we still have the parent or guardian record for that patient? |  |
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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):**

/\* Insert a patient over the age of 18 \*/  
INSERT INTO Patient(PId, FName, LName, House\_number, Street, City, State, Zip, Day, Month, Year, Has\_insurance)  
VALUES (1, 'Avleen', 'Kaur', 374, 'Delaware', 'Minneapolis', 'MN', 55414, 28, 9, 1998, 'YES');

/\* Insert a patient under the age of 18 \*/

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

VALUES (2, 'John', 'Doe', 20, 'Ontario', 'Minneapolis', 'MN', 55414, 10, 2, 2004, 'NO INSURANCE');

/\* Insert a parent \*/

INSERT INTO Parent(Parent\_id, FName, LName)

VALUES (1, 'Jane', 'Doe');

/\* Tie together patient and parent \*/

INSERT INTO PatientHasParent(Parent\_id, PId, Relationship)

VALUES (1, 2, 'Mother');

/\* Update age of patient to be over 18 \*/

UPDATE Patient

SET Year = 1998

WHERE PId = 2;

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

/\* Check if the patient over the age of 18 has a parent \*/

/\* PASS: Test passes since any patient record being inserted requires manual insertion of a parent or guardian record \*/  
SELECT \* FROM PatientHasParent  
WHERE PId = 1;

/\* Check if the patient whose age was updated to be over 18 has a parent \*/

/\* FAIL: Test fails since updating age doesn’t clear the parent or guardian record automatically. Need to have a trigger that checks for this specific update \*/

SELECT \* FROM PatientHasParent  
WHERE PId = 2;