

Project: New Haven Urgent Care

Team#

Test Case ID#: 18

Test Date: 2019-12-12

Name(s) of Tester(s): JunRen Huang

Test Description (What are you testing? – you must be specific):

This test is to test can there be no tests/procedures for a patient for a given visit.

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 into PATIENT  
values (001,'wang','k', 'xi',null,null,null,'xxxx','1001-01-01', 19);
```

```
insert into PATIENT  
values (002,'wan','k', 'xian',null,null,null,'xxx','1001-02-02', 10);
```

```
insert into PATIENT  
values (003,'wa','k', 'xiang',null,null,null,'xxxx','1001-02-02', 100);
```

```
insert into DEPARTMENT  
values (1, 'First department');
```

```
insert into INTAKE_DEPARTMENT  
values (1, 'Intake department1');
```

```
insert into EMPLOYEE  
values (1, 'Ken', 'A','Jian',123456789, 1);
```

```
insert into EMPLOYEE
```

```
values (2, 'Wang', 'A','Jian',123456781, 1);
```

```
insert into NURSE
```

```
values (1, 'Ken', 'A','Jian',123456789);
```

```
insert into ASSESSMENT_NURSE
```

```
values (1, 'Ken', 'A','Jian',123456789);
```

```
insert into VISIT
```

```
values (1, 123.2, "1010-03-04", 1, 1, 1, 12, "xxxx", "yyyy");
```

SQL Query(s) used for testing:

```
select *
```

```
from TREATMENT;
```

The result are following

The screenshot displays the MySQL Workbench interface. The left sidebar shows the 'SCHEMAS' tree with 'INTAKE_DEPARTMENT' selected. The central query editor contains the SQL query:

```
select *  
from TREATMENT;
```

 The 'Result Grid' at the bottom shows the query results. The table has columns: ICD_10_PCS, Name, COST, Approval_From_Parent, SP_ID, and Approved. The results are as follows:

#	ICD_10_PCS	Name	COST	Approval_From_Parent	SP_ID	Approved
56						
57						

The bottom status bar indicates 'Query Completed'.

Explain and Discussion

Our design did meet the requirement that there can be no tests/procedures for a patient for a given visit. As you can see, there are patients and visit exists in the system but no treatment exist, so I think we achieve this requirement. Although our design achieve this design, but our design is actual wrong. Our VISIT have no direct or indirect relation with TREATMENT OR SERVICE_PROVIDER, so there always no tests/procedures for a patient for a given visit.