**Test cases Level 2**

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| **Testing the consistency of the translation of the "Approach to the Patient with Genital Ulcers" guidelines into the decision tree of the Initial Management Genital Ulcers application.**  Date 27.06.2024  Tools Camunda,  Files: BPMN for Decision Representation, Up-to-Date "Approach to the Patient with Genital Ulcers" (All files are available in TestScreen folder) |

**Case 1**

**Task:**  Follow the branch a patient with a known exposure to a Sexually Transmitted Infection (STI) that causes genital ulcers in the last 90 days.

**Expected result:** There is consistency with Up-To-Date file.

**Actual result:** The result for patient with LGV is not consistent. There is no option for initiating an Empirical Treatment for LGV patient.

**Result:** Error.

Изображение выглядит как диаграмма, снимок экрана, линия, текст

Автоматически созданное описание

**Case 2**

**Task:**  Follow the branch a patient with a painfull Ulcer and possible Herpes.

**Expected result:** There is consistency with Up-To-Date file.

**Actual result:**

* The result for patient with possible Herpes is not consistent. If the doctor has Test options according to decision logic of App he should not prescribe empirical treatment while awaiting results. The Up-to-Date Guidance recommend to start empirical treatment.
* After negative test result for Herpes the App suggests to initiate Empirical Treatment of Herpes.

**Result:** Error.

Изображение выглядит как диаграмма, текст, План, снимок экрана

Автоматически созданное описание

**Case 3**

**Task:**  Follow the branch a patient with a painfull Ulcer and Ulcer doesnot look like Herpes.

**Expected result:** There is consistency with Up-To-Date file.

**Actual result:**

* The result for patient with possible Herpes is not consistent. The Up-to\_date guideline suggests to consider another possible diagnosis: syphilis, chancroid and administer empirical treatment. But the App decision logic has no such possibility.

**Result:** Error.

Изображение выглядит как текст, диаграмма, снимок экрана, линия

Автоматически созданное описание

**Case 4**

**Task:**  Follow the branch a patient with a nonpainfull Ulcer and negative result for syphilis and with LGV Risks

**Expected result:** There is consistency with Up-To-Date file.

**Actual result:**

* No consistency. The Up-to\_date guideline suggests to start empirical treatment for LGV. The App suggests performing Test for LGV and wait the results.

Изображение выглядит как диаграмма, текст, линия, снимок экрана

Автоматически созданное описание

**Actual Decision Logic**

Изображение выглядит как текст, диаграмма, План, Технический чертеж

Автоматически созданное описание

**Up-to-Date Decision Logic**

Изображение выглядит как текст, диаграмма, План, Шрифт

Автоматически созданное описание

**Possible Decision logic for App after testing**

Изображение выглядит как диаграмма, текст, План, Технический чертеж

Автоматически созданное описание