**VT Demonstration Scenarios:**

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| Scenario | test\_caremanager\_ws.bat | test\_observationprocessor\_ws.bat | Explanation |
| 1st execution (Step9) | testGroup1\* | step9\* | Short execution |
| 2nd execution  (Step15) | testGroup2\* | step12\* + step15\* | Short execution |
| 3rd execution  (Step16) | - | step16\* | Short execution |
| 4th execution  (Step18) | testGroup3\*\* | step18-1\* + step18-2\*\* | Long execution |
| 5th execution  (Step20) | - | step20\* | Short execution |

\*Run before execution of each guideline.

\*\*Run while execution.(testGroup3: wait lab results, step18-2: wait CIED data)

**1st Execution:** **2nd Execution:** **3rd Execution:**

1-) Guideline Starts! 1-) Guideline Starts! 1-) Guideline Starts!

2-) The case is VT! 2-) The case is VT! 2-) The case is VT!

3-) Single/Rare Episode 3-) Single/Rare Episode 3-) Single/Rare Episode

4-) ATP is programmed 4-) ATP is programmed 4-) ATP has not been programmed

5-) ATP is effective 5-) ATP is effective 5-) Shock is programmed and delivered

6-) Guideline Finalized 6-) Guideline Finalized 6-) Shock is effective

7-) Guideline Finalized

**4th Execution:** **5th Execution:**

1-) Guideline Starts! 1-) Guideline Starts!

2-) The case is VT! 2-) The case is VT!

3-) Frequent Episodes 3-) Single/Rare Episode

4-) ATP is programmed 4-) ATP is programmed

5-) ATP is effective 5-) ATP was not effective

6-) Consider Decompensating Factor 6-) Shock is programmed and delivered

7-) The patient regularly takes her medications 7-) Shock is effective

8-) There is no medication change 8-) Guideline Finalized

9-) No, there is no such symptoms

10-) Yes, Please order a new Lab result(testGroup3)

11-) No, there is no abnormality

12-) There is no Congenital Heart Disease

13-) Confirm Medication Change

14-) Send Notification(2)

14-a) Send Notification to Patient after waiting 1 week for medication change

14-b) Recommendation for Medication Effectiveness after CIED report is received(Step18-2)

15-) Medication change is effective

16-) Guideline Finalized