Department of Veterans Affairs

Increase Enrollment in My HealtheVet – Task Order 0024

Testing Manual



January 2015

Version 1.4

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Revision | Description | Author |
| 09/28/14 | 1.0 | Initial Draft | Bill Frey |
| 10/7/2014 | 1.1 | Added Socialization and Alert test scripts | Bill Frey |
| 11/3/2014 | 1.2 | Added Enrollment Fields test scripts and updated screenshots as needed | Bill Frey |
| 11/19/2014 | 1.3 | Added Consistency Checker test scripts and updated screenshots as needed | Bill Frey |
| 1/28/2015 | 1.4 | Updated screenshots following updates to system based on UAT and other feedback. | Bill Frey |

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# Test Execution Information

Project Name: Increase Enrollment in My HealtheVet

Test Plan Type: Functional

Test Executer Name: Bill Frey

Environment: VA Future Technology Lab (VA Cloud)

**Purpose:**

The goal of this project is to use Agile practices to design, develop, test, and deliver a fully functional prototype which modifies the Preregistration Interface (PI) in the current VistA appointment management system package to include query and response line items that define the patient’s desire to be enrolled in MHV. If the patient is not interested in participating in MHV enrollment, VistA will populate a list of reason codes for MHV enrollment rejection.

The purpose of this document is to provide clear and easy to follow test scripts with associated screen shots to facilitate thorough testing by the HPES team and subsequent use for User Functional Testing.

**User must have access to the MHV Enrollment Future Technology Lab (VA Cloud) environment**

**Overview:**

VistA: Testing of pre-registration new menu options and alerts in VistA (Pre-registration) that allows the user to query and respond to items that define the patient’s desire to be enrolled in MHV.

**Conventions:**

In the test cases below, “**Step**” indicates an instructional step in a procedure that is not specifically related to testing a requirement. Activities marked as “Step” do not need to be marked as pass or fail.  
“***VP***” indicates a step that verifies a procedure with expected results and actual results, which is directly related to testing a requirement.

# Test Case #1 – (1) Add/Display VistA alert for MHV Enrollment

**User Story (1):**  IEMVH\_Vista\_MHV\_Alert - Provide an alert within VistA under certain conditions, reminding the User to populate MHV enrollment fields.

**Description:** As a VistA user, during pre-registration of a Patient, under certain conditions I want an alert to display to remind me to capture the Patient's status with MHV enrollment.

This case verifies correct operation of five Alert Scenarios

1. Alert with Enrollment status as unanswered (Test Patient 1)
2. Alert with Socialization Action with Not completed status (Test Patient 1)
3. Alert with Socialization Action with Yes completed status (Test Patient 1)
4. Alert is not displayed when all statuses are “Y” (Test Patient 1)
5. Alert with Enrollment status of “Y” and Authenticated is “(A)ction” (Test Patient 2)
6. Alert is not displayed with Enrolled status “Yes” and Authenticated status of “N” < 6 months (Test Patient 2)
7. Alert is displayed with Enrolled status “Yes” and Authenticated status of “N” >= 6 months (Test Patient 2)

**Preparation:** 2 new Test Patients created or available – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| ***#*** | **Steps** | | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- | --- |
| ***Test Case #1*** | | | | | |
|  | **Step** | Initiate pre-registration of Test Patient 1 - (enter ^preregister)  Select item number 1 and hit return  (Note – if you are rerunning these instructions and already at the Preregistration menu then you just need to enter “pre” to get to patient selection.)  Press any key to continue | |  |  |
|  | **Step** | At “Select Patient to Preregister” enter the Test Patient 1 name and hit Return  Hit Return to continue again | |  |  |
|  | ***VP*** | *Verify Alert is displayed with Actions indicated as “None”*  Hit Return. | |  |  |
|  | ***Step*** | Enter “2”  Hit Return | |  |  |
|  | ***Step*** | Hit Return to continue | |  |  |
|  | ***VP*** | *Verify that action list is displayed*  Enter “4” to edit and hit return | |  |  |
|  | **Step** | Hit Return to save and exit | |  |  |
|  | **Step** | Enter “^” to exit  Continuing to use Patient 1, repeat steps 1-3 of this test case then proceed with step 9 | |  |  |
|  | **VP** | *Verify that the Action selected is displayed (Action 4) and that the user is prompted “Were you able…? (Y/N):”*  *Enter “N” and Return* | |  |  |
|  | **VP** | *Verify that Action list is displayed*  Enter 1 and Return | |  |  |
|  | **Step** | Enter “^” to exit  Continuing to use Patient 1, repeat steps 1-3 of this test case then proceed with step 12 | |  |  |
|  | **VP** | *Verify that both actions are displayed and the user is again prompted “Were you successful…? (Y/N):”*  Enter Y and return | |  |  |
|  | **VP** | *Verify that the Enrollment Field Status display is shown, Enrolled is Yes, and Authenticated and Secure Messaging are Unanswered.*  *Enter 2 and Return* | |  |  |
|  | **Step** | Set Authenticated (step 2 of 3) and Secure Messaging (step 3 of 3) to “Yes”. | |  |  |
|  | **Step** | Enter Return to continue | |  |  |
|  | **Step** | Enter”^” to exit  Continuing to use Patient 1, repeat steps 1-3 of this test case then proceed with step 17 | |  |  |
|  | **VP** | *Verify that the Alert is not displayed and that the enrollment field status display is shown*  (Note that the dates will be different whenever this test is run.) | |  |  |
|  | **Step** | Enter”^” to exit  Using Test Patient 2, repeat steps 1-3 of this test case then proceed with step 19 | |  |  |
|  | **Step** | Enter “1” and return | |  |  |
|  | **Step** | Enter Return to continue | |  |  |
|  | **Step** | Enter 2 to edit Authenticated | |  |  |
|  | **Step** | Enter “A” for action | |  |  |
|  | **Step** | Enter Return to continue | |  |  |
|  | **Step** | Enter action “4” and return  Then hit Return again to save and exit | |  |  |
|  | **Step** | Hit Return to continue | |  |  |
|  | **Step** | Enter “^” to exit  Continuing to use Test Patient 2, repeat steps 1-3 of this test case then proceed with step 27 | |  |  |
|  | **VP** | *Verify that the date of Enrollment Confirmed is displayed and that the selected action is displayed.*  Press Return to continue | |  |  |
|  | **Step** | *Enter 2 to Edit Authenticated* | |  |  |
|  | **Step** | Enter “N” to change from the Action to a No response | |  |  |
|  | **Step** | Hit Return to continue  Enter reason 2 and Return | |  |  |
|  | **Step** | Hit Return to continue | |  |  |
|  | **STEP** | Enter “^” to exit  Continuing to use Test Patient 2, repeat steps 1-3 of this test case then proceed with step 33 | |  |  |
|  | **VP** | *Verify that the Alert was not shown and that the user was taken directly to the status display (< 6 months since status entered)*  Enter Return to Continue | |  |  |
|  | **Step** | Enter “^” to exit | |  |  |
|  | **Step** | Set the system time ahead 6 months  [NOTE: In the Innovations FTL VistA IEMHV environment with user “CPRS1234” you can use a custom command called “^MHVF” to set the system time ahead 6 months. Once you are done you **MUST** ensure to reset the date back to current using “^MHVR”. Otherwise the tester would need to use VA Fileman to adjust system time.] | | <today’s date + 6 months is displayed if using “^MHVF”> |  |
|  | **Step** | After navigating back to the preregistration area (“^prereg”) -Continuing to use Test Patient 2, repeat steps 2-3 then proceed with step 37 | | Same screens |  |
|  | **VP** | *Verify that the Alert is displayed.*  Press Return to continue | |  |  |
|  | **Step** | *Set the System date back to the current date.*  [NOTE: In the Innovations FTL VistA IEMHV environment with user “CPRS1234” you can use a custom command called “^MHVR” to set the system date back to the current date. Otherwise the tester would need to use VA Fileman to adjust system time.] | | <Today’s date is displayed if using “^MHVR”> |  |
|  | **END** | Test Case 1 | |  |  |

# Test Case #2 – VistA MHV Socialization Option\_1

**User Story (2):** IEMVH\_Vista\_Soc\_Question - Add/Display VistA Patient MHV enrollment socialization question

**Description:** As a VistA user, during pre-registration of a Patient, the user wants to capture whether the Patient's Health Care provider has talked to them about enrolling in MHV and their response to the question so that this is documented and accessible the next time the Patient record is accessed during pre-registration.

This Test Case only verifies Option 1 of the Enrollment Discussion. Execution of all Sprint Socialization Test Cases (covering all 6 options) verifies the entire User Story.

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| ***#*** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| ***Test Case #2*** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | ***VP*** | *Verify that the patient message and these 6 Socialization responses are displayed*  Enter “1” and Return |  |  |
|  | ***VP*** | *Verify that “Expected Results” message is displayed.*  Enter Return to continue |  |  |
|  | ***VP*** | *Verify that the Enrollment Status display is presented to the user.*  Enter Return to continue |  |  |
|  | **VP** | *Verify that preregistration continues*  Enter “^” to exit. |  |  |
|  | **END** | End Test Case 2 |  |  |

# Test Case #3 – VistA MHV Enrollment Socialization Option\_2

**User Story:** IEMVH\_Vista\_Soc\_Question - Add/Display VistA Patient MHV enrollment socialization question.

Description: As a VistA user, during pre-registration of a Patient, the user wants to capture whether the Patient's Health Care provider has talked to them about enrolling in MHV and their response to the question so that this is documented and accessible the next time the Patient record is accessed during pre-registration.

This Test Case only verifies Option 2 of the Enrollment Discussion. Execution of all Socialization Test Cases (covering all 6 options) verifies the entire User Story. This is the only case that verifies the addition and deletion of actions selected by the “Pre-register User”.

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #3** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
| 1. **6.** | **Step** | Enter “2” and Return |  |  |
|  | ***VP*** | *Verify the option 2 message is displayed.*  Hit Return to continue |  |  |
|  | ***VP*** | *Verify the action taken screen is displayed in the Expected Results column*  Enter “4” |  |  |
|  | ***VP*** | *Verify that action 4 is displayed*  Enter “D” (Delete an action) and hit Return.  Enter 4 at the select an action to delete action selected and hit Return |  |  |
|  | ***VP*** | *Verify that the actions are displayed*  Select Action 1 |  |  |
|  | **VP** | *Verify that item number 1 displayed*  Hit return to save and exit |  |  |
|  | ***VP*** | *Verify that the summary screen is displayed for Test Patient (preregistration continues)*  Enter “^” |  |  |
|  | **END** | End of Test Case 3 |  |  |

# Test Case #4 – VistA MHV Enrollment Socialization Option\_3

**User Story:** IEMVH\_Vista\_Soc\_Question - Add/Display VistA Patient MHV enrollment socialization question.

**Description:** As a VistA user, during pre-registration of a Patient, the user wants to capture whether the Patient's Health Care provider has talked to them about enrolling in MHV and their response to the question so that this is documented and accessible the next time the Patient record is accessed during pre-registration.

This Test Case only verifies Option 3 of the Enrollment Discussion. Execution of all Socialization Test Cases (covering all 6 options) verifies the entire User Story.

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: Pre-register User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #4** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | ***Step*** | Enter “3” and hit Return. |  |  |
|  | ***VP*** | *Verify the option 3 text displayed in the Expected Results column.*  Hit Return to continue |  |  |
|  | ***VP*** | *Verify that the Actions are displayed*  *(The functions of selecting an action were verified in Test Case 3)*  At the Select an action prompt enter “^” |  |  |
|  | **Step** | Enter “Y” to quit | My HealtheVet enrollment questions are required to continue with this patient. Are you sure you want to quit? |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 4 |  |  |

# Test Case #5 – VistA MHV Enrollment Socialization Option\_4

**User Story:** IEMVH\_Vista\_Soc\_Question - Add/Display VistA Patient MHV enrollment socialization question.

**Description:** As a VistA user, during pre-registration of a Patient, the user wants to capture whether the Patient's Health Care provider has talked to them about enrolling in MHV and their response to the question so that this is documented and accessible the next time the Patient record is accessed during pre-registration.

This Test Case only verifies Option 4 of the Enrollment Discussion. Execution of all Socialization Test Cases (covering all 6 options) verifies the entire User Story.

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #5 – Socialization Option 4** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | ***Step*** | Enter “4” and hit Return. |  |  |
|  | ***VP*** | *Verify the option 4 text displayed in the Expected Results column.*  Hit Return to continue |  |  |
|  | **VP** | *Verify that the Actions are displayed*  *(The functions of selecting an action was verified in Test Case 3)*  At the Select an action prompt enter “^” |  |  |
|  | **Step** | Enter “Y” to quit | My HealtheVet enrollment questions are required to continue with this patient. Are you sure you want to quit? |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 5 |  |  |

# Test Case #6 – VistA MHV Enrollment Socialization Option\_5\_Choice\_b

**User Story:** IEMVH\_Vista\_Soc\_Question - Add/Display VistA Patient MHV enrollment socialization question.

**Description:** As a VistA user, during pre-registration of a Patient, the user wants to capture whether the Patient's Health Care provider has talked to them about enrolling in MHV and their response to the question so that this is documented and accessible the next time the Patient record is accessed during pre-registration.

This Test Case only verifies Option 5 Choice “b” of the Enrollment Discussion. Execution of all Socialization Test Cases (covering all 6 options) verifies the entire User Story.

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #6** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | **Step** | Enter “5” and hit Return. |  |  |
|  | ***VP*** | *Verify the option 5 text displayed in the Expected Results column.*  Hit Return to continue |  |  |
|  | ***VP*** | *Patient interest question is displayed as shown in Expected Results.*  Enter “b” and hit Return | cid:image001.jpg@01D0661A.FF02C9A0 |  |
|  | **Step** | *Verify that the Actions are displayed*  *(The functions of selecting an action was verified in Test Case 3)*  At the Select an action prompt enter “^” |  |  |
|  | **Step** | Enter “Y” to quit | My HealtheVet enrollment questions are required to continue with this patient. Are you sure you want to quit? |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 6 |  |  |

# Test Case #7 – VistA MHV Enrollment Socialization Option\_5\_Choice\_a

**User Story:** IEMVH\_Vista\_Soc\_Question - Add/Display VistA Patient MHV enrollment socialization question.

Description: As a VistA user, during pre-registration of a Patient, the user wants to capture whether the Patient's Health Care provider has talked to them about enrolling in MHV and their response to the question so that this is documented and accessible the next time the Patient record is accessed during pre-registration.

This Test Case only verifies Option 5 Choice “a” of the Enrollment Discussion. Execution of all Socialization Test Cases (covering all 6 options) verifies the entire User Story.

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #7** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | ***VP*** | Enter “5” and hit Return. |  |  |
|  | ***STEP*** | Enter Return to continue |  |  |
|  | ***STEP*** | Enter “a” and hit Return |  |  |
|  | ***VP*** | *Verify that the enrollment status screen is displayed with the status of “Unanswered”*  Hit Return to continue |  |  |
|  | **STEP** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 7 |  |  |

# Test Case #8 – VistA MHV Enrollment Socialization Option\_6

**User Story:** IEMVH\_Vista\_Soc\_Question - Add/Display VistA Patient MHV enrollment socialization question.

Description: As a VistA user, during pre-registration of a Patient, the user wants to capture whether the Patient's Health Care provider has talked to them about enrolling in MHV and their response to the question so that this is documented and accessible the next time the Patient record is accessed during pre-registration.

This Test Case only verifies Option 6 of the Enrollment Discussion. Execution of all Socialization Test Cases (covering all 6 options) verifies the entire User Story.

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #8** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | ***STEP*** | Enter “6” and hit Return. |  |  |
|  | ***VP*** | *Patient message is displayed as shown in Expected Results.*  Enter Return to continue |  |  |
|  | ***VP*** | *Patient interest question is displayed.*  *(The function of selecting choice b was tested in test case 6 and selecting choice a was tested in case 7)*  Enter “b” |  |  |
|  | **STEP** | *Enter “^”* |  |  |
|  | **STEP** | Enter “Y” to quit | My HealtheVet enrollment questions …. Are you sure you want to quit? |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 8 |  |  |

# Test Case #9 – Enrollment Fields Status – Display + “Enrolled” Status Update

**User Story:** IEMHV\_VistA\_Enroll\_Fields

**Description:** As a VistA user, during pre-registration of a Patient, I want to capture the Patient's status with each of the three MHV enrollment questions so that this is documented and accessible the next time the Patient record is accessed.

This Case tests the proper,

* display of the three enrollment status fields (Enrolled, Authenticated, Secure Messaging)
* functioning of the User Prompt
* functioning of the Enrolled field status update with both a “Yes” and “No” response

**Preparation:** Test Patient created

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #9** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | **Step** | Enter “1” and return  Then hit return again when the patient message is displayed |  |  |
|  | ***VP*** | *Verify that Enrolled is displayed as “YES” with the other two statuses set to “UNANSWERED”, and*  Enter 1 to edit Enrolled |  |  |
|  | **Step** | Enter “No” that the Patient does not want to Enroll. |  |  |
|  | ***VP*** | *Verify that the reason for “No” list is displayed*  Enter “3” and return |  |  |
|  | ***VP*** | *Verify that the reason selected is displayed beneath the Enrolled status.*  *Verify that the Authenticated and Secure Messaging statuses are set to “No”*  Enter return to continue |  |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 9 |  |  |

# Test Case #10 – Enrollment Fields Status Update - Authenticated

**User Story:** IEMHV\_VistA\_Enroll\_Fields

**Description:** As a VistA user, during pre-registration of a Patient, I want to capture the Patient's status with each of the three MHV enrollment questions so that this is documented and accessible the next time the Patient record is accessed.

This Case tests the proper,

* functioning of the Authenticated field status update with both a “Yes”, “No”, and “Action” response
* display of an alert if authenticated is set to action

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #10** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | **Step** | Enter “1” and return  Then hit return again when the patient message is displayed |  |  |
|  | **Step** | Enter “2” to edit Authenticated Enrollment field |  |  |
|  | **VP** | *Verify that the Authenticated patient message and prompt are properly displayed.*  Enter “N” |  |  |
|  | **VP** | *Verify that the patient message is displayed.*  Enter Return to continue. |  |  |
|  | **VP** | *Verify that the No Reason list is displayed*  Enter “9” then Return  Enter “Something” as the other reason. |  |  |
|  | **VP** | *Verify that the Other Reason is displayed below the Authenticated status.*  Enter 2 to edit Authenticated |  |  |
|  | **Step** | Navigate to the Authenticate prompt again  Enter “A” then Return |  |  |
|  | **Step** | Enter Return to continue |  |  |
|  | **VP** | *Verify that the action list is displayed.*  Enter “1” and Return. |  |  |
|  | **Step** | Enter Return to save and exit |  |  |
|  | **VP** | *Verify that the Action is displayed below Authenticated.* |  |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **VP** | *Reinitiate preregistration for the same Test Patient. Verify that the Alert is displayed along with the associated Action.*  Enter Return to continue |  |  |
|  | **VP** | *Verify that the enrollment status display is shown.*  Enter Return to continue |  |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 10 |  |  |

# Test Case #11 – Enrollment Fields Status Update – Secure Messaging

**User Story:** IEMHV\_VistA\_Enroll\_Fields

**Description:** As a VistA user, during pre-registration of a Patient, I want to capture the Patient's status with each of the three MHV enrollment questions so that this is documented and accessible the next time the Patient record is accessed.

This Case tests the proper,

* functioning of the Secure Messaging field status update with both a “Yes”, “No”, and “Action” response
* display of an alert if Secure Messaging is set to action

**Preparation:** Test Patient created – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #11** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | **Step** | Enter “1” and return  Then hit return again when the patient message is displayed |  |  |
|  | **Step** | Enter “2” to edit Authenticated Field |  |  |
|  | **Step** | Enter “Yes” that the test patient is Authenticated. |  |  |
|  | **VP** | *Verify that the Secure Messaging prompt is displayed*.  Enter “N” and Return |  |  |
|  | **VP** | *Verify that the No Reason list is displayed*  Enter “9” then Return  Enter “Something else” as the other reason. |  |  |
|  | **VP** | *Verify that the Other Reason is displayed below the Secure Messaging status.*  Enter 3 to edit the Secure Messaging Enrollment field |  |  |
|  | **Step** | Enter “A” then Return |  |  |
|  | **VP** | *Verify that the action list is displayed.*  Enter “1” and Return. |  |  |
|  | **STEP** | Enter Return to save and exit |  |  |
|  | **VP** | *Verify that the Action is displayed below Secure Messaging* |  |  |
|  | **Step** | Preregistration continues  Enter “^” to exit |  |  |
|  | **VP** | *Reinitiate preregistration for the same Test Patient.*  *Verify that the Alert is displayed along with the associated Action. Verify that Enrollment and Authentication confirmed shown.*  Enter Return to continue. |  |  |
|  | **VP** | *Verify that the enrollment field status display is shown.*  *Verify that Confirmed dates are shown.*  Enter 3 to edit Secure Messaging |  |  |
|  | **VP** | *Verify that the Secure Messaging field prompt is displayed.*  Enter “^” to return to the Enrollment Field status display then enter Return to continue |  |  |
|  | **Step** | Enter “^” to exit |  |  |
|  | **END** | End of Test Case 11 |  |  |

# Test Case #12 – Add/Display VistA Consistency Check for MHV Enrollment Fields

**User Story: IEMVH\_Vista\_Soc\_Question - Add/Display VistA Consistency Check for MHV Enrollment Fields**

**Description:** As a VistA user, following pre-registration of a Patient, under certain conditions I want the enrollment fields status’s that are “Unanswered” or “Action” to be flagged so that I can elect to answer them.

This test case verifies the following Consistency Checker (CC) scenarios:

* CC triggered with enrollment field (Authenticate or Secure Messaging) status of “Action”
* CC triggered with any enrollment field status of “Unanswered”
* CC not triggered with enrollment fields’ status of all “Yes”
* CC not triggered with enrollment fields status of all “No”

**Preparation:** 2 Test Patients created or available – no entries in MHV fields

**Precondition**: Access to VA Future Technology Lab (VA Cloud), VistA: User access to VistA pre-registration menu

| **#** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| **Test Case #12** | | | | |
|  | **Step** | Navigate to the Socialization Responses (See Appendix A – Instructions) |  |  |
|  | ***Step*** | Enter “1” and hit Return. |  |  |
|  | **Step** | Enter Return to continue |  |  |
|  | **Step** | Enter Return to continue  (Authenticated and Secure Messaging are Unanswered) |  |  |
|  | **Step** | Enter Return to continue |  |  |
|  | **Step** | Enter Return to continue |  |  |
|  | **Step** | Accept “No//” default by entering Return |  |  |
|  | **Step** | Enter “N” (don’t want to edit Patient data) |  |  |
|  | **Step** | Enter “N” that you don’t want to edit the Patient’s address |  |  |
|  | **VP** | *Verify that MHV Enrollment is shown as incomplete*  (An Enrollment Field is Unanswered)  Enter Return, accepting “Yes” as the default, to update the inconsistencies.  Process the inconsistencies prior to MHV Enrollment |  |  |
|  | **VP** | *Verify that you are taken to the first enrollment field that was unanswered (Authenticated)*  *Enter “Y”* |  |  |
|  | **VP** | *Verify that Secure Messaging enrollment field prompt is displayed*  Enter “Y” |  |  |
|  | **Step** | *Enter “^” to rerun consistency checker* |  |  |
|  | **VP** | *Verify that MHV is no longer shown as having an inconsistency*  (All Yes enrollment field status condition does not generate an inconsistency) |  |  |
|  | **Step** | With a New Test Patient rerun steps 1-4 of this test case then continue below.  Select 2 and return |  |  |
|  | **Step** | Enter “A” and Return |  |  |
|  | **Step** | Return to continue |  |  |
|  | **Step** | Enter 1 and return |  |  |
|  | **Step** | Enter Return to save and exit |  |  |
|  | **Step** | Enter Return to continue  Then repeat steps 5-10 of this test case until the consistency checker runs |  |  |
|  | **VP** | Verify that MHV ENROLLMENT INCOMPLETE is shown in the inconsistency check  (Either Authenticate or Secure Messaging is “Action”)  Enter “N” to not update the inconsistencies (that function verified earlier in this case) |  |  |
|  | **Step** | Using the same test patient initiate preregistration and navigate to the Enrollment Field Status display  Enter 1 to edit Enrolled status field  Set enrolled to “N” and select reason number one. |  |  |
|  | **Step** | Note that all Enrollment status fields are “NO”  Enter Return to continue  Navigate to Consistency check screen |  |  |
|  | **VP** | *Verify that MHV ENROLLMENT INCOMPLETE is not shown.*  (All Enrollment fields “NO”) |  |  |
|  | **END** | End of Test Case 12 |  |  |

Appendix A – Instructions

# Navigate to Socialization Responses

| ***#*** | **Steps** | **Steps/Actions** | **Expected Results (VP) / Reference Screen (STEP)** | **Actual Results**  **(P)ass / (F)ail** |
| --- | --- | --- | --- | --- |
| ***MHV Alerts and Enrollment Discussion – Test Case #1*** | | | | |
|  | **Step** | Initiate pre-registration of Test Patient 1 - (enter ^preregister)  Select item number 1 and hit return  (Note – if you are rerunning these instructions and already at the Preregistration menu then you just need to enter “pre” to get to patient selection.)  Press any key to continue |  |  |
|  | **Step** | At “Select Patient to Preregister” enter the Test Patient 1 name and hit Return  Hit Return again |  |  |
|  | **Step** | (History of actions may or may not be “NONE” depending on if this is a new or returning patient)  Hit Return. |  |  |
|  | ***Step*** | Select desired Socialization response.  (Choice “2” is used as an example.) |  |  |
|  |  | End of Navigate to Socialization instruction. |  |  |