Department of Veterans Affairs

Increase Enrollment in My HealtheVet – Task Order 0024

Testing Manual



October 2014

Version 1.1

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Revision | Description | Author |
| 09/28/14 | 1.0 | Initial Draft | Bill Frey |
| 10/7/2014 | 1.1 | Updated for Sprint 1 (as demonstrated in Sprint 1 Review) | Bill Frey |

**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.   
“***VP***” indicates a step that verifies a procedure with expected results and actual results, which is directly related to testing a requirement.

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# Test Case #1 – (1) Add/Display VistA alert for MHV Enrollment & (2) VistA MHV Enrollment Discussion Option\_1

**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.

Execution of Step 4 verifies this User Story.

**User Story (2):** IEMVH\_Vista\_Enroll\_Disc - Add/Display VistA Patient MHV enrollment discussion field.

**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 1 Test Cases 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** |
| --- | --- | --- | --- | --- |
| ***MHV Alerts and Enrollment Discussion – Test Case #1*** | | | | |
|  | **Step** | Login to VistA as < Pre-register User > |  |  |
|  | **Step** | Initiate pre-registration of Test Patient - (enter ^preregister)  Select item number 1 and hit return  Press any key to continue |  |  |
|  | **Step** | At the “Select Patient to Preregister” enter the Test Patient name and hit Return  Hit Return |  |  |
|  | ***VP*** | *Verify Alert is displayed as shown in Expected Results.*  *[NOTE] Verifies* Add/Display VistA alert for MHV Enrollment User Story  Hit Return. |  |  |
|  | ***VP*** | *Verify that the list of actions taken is displayed as shown in Expected Results – NONE is displayed the first time through the test patient. [If the Test Patient was used before the previously selected actions will be displayed.]*  Hit Return |  |  |
|  | ***VP*** | *Verify the display as shown in the Expected Results column.*  Enter “1” and hit Return. |  |  |
|  | ***VP*** | *Verify the option 1 text displayed in the Expected Results column is shown on the screen.*  Hit Return. |  |  |
|  | **VP** | *Verify that pre-registration continues.*  Enter ‘^’ to exit |  |  |
|  | **END** | End of Sprint 1 Test Case 1 |  |  |

# Test Case #2 – VistA MHV Enrollment Discussion Option\_2

**User Story:** IEMVH\_Vista\_Enroll\_Disc - Add/Display VistA Patient MHV enrollment discussion field

**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 Sprint 1 Test Cases 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** |
| --- | --- | --- | --- | --- |
| **MHV Enrollment Discussion – Test Case #2** | | | | |
|  | **Step** | Login to VistA as < Pre-register User > |  |  |
|  | **Step** | Initiate pre-registration of Test Patient - (enter ^preregister)  Enter “1” and hit Return  Press any key to continue |  |  |
|  | **Step** | At the “Select Patient to Preregister” enter the Test Patient name and return | No Patient Warnings on file for <Test Patient>  Press RETURN to continue... |  |
|  | **Step** | Hit Return |  |  |
|  | ***VP*** | *Verify Alert is displayed as shown in Expected Results.*  Hit Return. |  |  |
| 1. **6.** | ***VP*** | *Verify that the list of actions taken is displayed as shown in Expected Results – NONE is displayed the first time through the test patient. [If the Test Patient was used before the previously selected actions will be displayed.]*  Hit Return |  |  |
|  | **VP** | *Verify the display as shown in the Expected Results column.*  Enter “2” and hit Return. |  |  |
|  | ***VP*** | *Verify the option 2 text displayed in the Expected Results column is shown on the screen.*  Hit Return. |  |  |
|  | ***VP*** | *Verify the action taken screen is displayed in the Expected Results column*  Enter “1-3,5” (selects option 1,2,3, and 5) |  |  |
|  | ***VP*** | *Verify that actions 1,2,3 and 5 are displayed*  Enter “D” (Delete an action) and hit Return.  Enter 5 and hit Return |  |  |
|  | ***VP*** | *Verify that the text for item 5 is displayed next to the number “5” entered in previous step.*  Hit Return to continue |  |  |
|  | **VP** | *Verify that item number 5 is removed from the display.*  Enter “A” and hit Return |  |  |
|  | ***VP*** | *Verify that the full menu of actions is displayed.*  Enter “4” and hit Return |  |  |
|  | ***VP*** | *Verify that the newly selected item is shown in the list.*  Hit Return to Save and Exit |  |  |
|  | ***VP*** | *Verify that “Actions filed” is displayed*  Hit Return |  |  |
|  | ***VP*** | *Verify that the summary screen is displayed for Test Patient (preregistration continues)*  Enter “^” |  |  |
|  | **STEP** | Enter “pre” and hit return  [NOTE: following steps are not shown in expected results – navigating back to option 2 for the same Test Patient]  Re-execute test case 2 steps 2-5 |  |  |
|  | ***VP*** | *Verify that the previous actions selected are displayed in the History with the date the Test Case was executed.*  Hit Return  [The enrollment discussion choices are displayed]  At the “Patient response:” prompt  enter “^” to exit |  |  |
|  | **END** | End of Sprint 1 Test Case 2 |  |  |

# Test Case #3 – VistA MHV Enrollment Discussion Option\_3

**User Story:** IEMVH\_Vista\_Enroll\_Disc - Add/Display VistA Patient MHV enrollment discussion field

**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 Sprint 1 Test Cases 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** |
| --- | --- | --- | --- | --- |
| **MHV Enrollment Discussion – Test Case #3** | | | | |
|  | **Step** | Login to VistA as <Pre-register User> |  |  |
|  | **Step** | Initiate pre-registration of Test Patient - (enter ^preregister)  Enter “1” and hit Return  Press any key to continue |  |  |
|  | **Step** | At the “Select Patient to Preregister” enter the Test Patient name and return | No Patient Warnings on file for <Test Patient>  Press RETURN to continue... |  |
|  | **Step** | Hit Return |  |  |
|  | ***VP*** | *Verify Alert is displayed as shown in Expected Results.*  Hit Return. |  |  |
| 1. **6.** | ***VP*** | *Verify that the list of actions taken is displayed as shown in Expected Results – NONE is displayed the first time through the test patient. [If the Test Patient was used before the previously selected actions will be displayed.]*  Hit Return |  |  |
|  | ***VP*** | *Verify the display as shown in the Expected Results column.*  Enter “3” and hit Return. |  |  |
|  | ***VP*** | *Verify the option 3 text displayed in the Expected Results column.*  Hit Return. |  |  |
|  | **Step** | Enter “1” |  |  |
|  | **STEP** | Hit Return to save and exit  Hit Return to continue |  |  |
|  | **STEP** | Preregistration continues |  |  |
|  | **END** | End of Sprint 1 Test Case 3 |  |  |

# Test Case #4 – VistA MHV Enrollment Discussion Option\_4

**User Story:** IEMVH\_Vista\_Enroll\_Disc - Add/Display VistA Patient MHV enrollment discussion field

**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 Sprint 1 Test Cases 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** |
| --- | --- | --- | --- | --- |
| **MHV Enrollment Discussion – Test Case #4** | | | | |
|  | **Step** | Login to VistA as < Pre-register User > |  |  |
|  | **Step** | Initiate pre-registration of Test Patient - (enter ^preregister)  Enter “1” and hit Return  Press any key to continue |  |  |
|  | **Step** | At the “Select Patient to Preregister” enter the Test Patient name and return | No Patient Warnings on file for <Test Patient>  Press RETURN to continue... |  |
|  | **Step** | Hit Return |  |  |
|  | ***VP*** | *Verify Alert is displayed as shown in Expected Results.*  Hit Return to continue |  |  |
| 1. **6.** | ***VP*** | *Verify that the list of actions taken is displayed as shown in Expected Results – NONE is displayed the first time through the test patient. [If the Test Patient was used before the previously selected actions will be displayed.]*  Hit Return |  |  |
|  | ***VP*** | *Verify the display contents as shown in the Expected Results column.*  Enter “4” and hit Return. |  |  |
|  | ***VP*** | *Verify the option 4 text displayed in the Expected Results column.*  Hit Return to continue |  |  |
|  | **STEP** | Enter “1” |  |  |
|  | **STEP** | Hit Return to save and exit  Hit Return to continue |  |  |
|  | **STEP** | Preregistration continues |  |  |
|  | **END** | End of Sprint 1 Test Case 4 |  |  |

# Test Case #5 – VistA MHV Enrollment Discussion Option\_5\_Choice\_b

**User Story:** IEMVH\_Vista\_Enroll\_Disc - Add/Display VistA Patient MHV enrollment discussion field

**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 Sprint 1 Test Cases 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** |
| --- | --- | --- | --- | --- |
| **MHV Enrollment Discussion – Test Case #5** | | | | |
|  | **Step** | Login to VistA as < Pre-register User > |  |  |
|  | **Step** | Initiate pre-registration of Test Patient - (enter ^preregister)  Enter “1” and hit Return  Press any key to continue |  |  |
|  | **Step** | At the “Select Patient to Preregister” enter the Test Patient name and return | No Patient Warnings on file for <Test Patient>  Press RETURN to continue... |  |
|  | **Step** | Hit Return |  |  |
|  | ***VP*** | *Verify Alert is displayed as shown in Expected Results.*  Hit Return to continue |  |  |
| 1. **6.** | ***VP*** | *Verify that the list of actions taken is displayed as shown in Expected Results – NONE is displayed the first time through the test patient. [If the Test Patient was used before the previously selected actions will be displayed.]*  Hit Return |  |  |
|  | ***VP*** | *Verify the display contents as shown in the Expected Results column.*  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 |  |  |
|  | **STEP** | Enter “1” and hit Return |  |  |
|  | **STEP** | Hit Return to save and exit  Hit Return to continue |  |  |
|  | **STEP** | Preregistration continues |  |  |
|  | **END** | End of Sprint 1 Test Case 5 |  |  |

# Test Case #6 – VistA MHV Enrollment Discussion Option\_5\_Choice\_a

**User Story:** IEMVH\_Vista\_Enroll\_Disc - Add/Display VistA Patient MHV enrollment discussion field

**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 Sprint 1 Test Cases 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** |
| --- | --- | --- | --- | --- |
| **MHV Enrollment Discussion – Test Case #5** | | | | |
|  | **Step** | Login to VistA as < Pre-register User > |  |  |
|  | **Step** | Initiate pre-registration of Test Patient - (enter ^preregister)  Enter “1” and hit Return  Press any key to continue |  |  |
|  | **Step** | At the “Select Patient to Preregister” enter the Test Patient name and return | No Patient Warnings on file for <Test Patient>  Press RETURN to continue... |  |
|  | **Step** | Hit Return |  |  |
|  | ***VP*** | *Verify Alert is displayed as shown in Expected Results.*  Hit Return to continue |  |  |
| 1. **6.** | ***VP*** | *Verify that the list of actions taken is displayed as shown in Expected Results – NONE is displayed the first time through the test patient. [If the Test Patient was used before the previously selected actions will be displayed.]*  Hit Return |  |  |
|  | ***VP*** | *Verify the display contents as shown in the Expected Results column.*  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 “a” and hit Return |  |  |
|  | ***VP*** | *Verify that “Patient is not interested” is displayed.*  Hit Return to continue |  |  |
|  | **STEP** | Preregistration continues |  |  |
|  | **END** | End of Sprint 1 Test Case 5 |  |  |