Howdy Computerized Phlebotomy Login Process

C3-C1 Conversion Project

Release Notes

Laboratory Patch LR*5.2*405

January 2012

Release Notes for Patch LR*5.2*405

Patch LR*5.2*405 introduces the Howdy Computerized Phlebotomy Login Process as an automated laboratory check-in application which can be used within the Veterans Health Information Systems and Technology Architecture (VistA) Laboratory module. This software performs the following functions:

- Howdy automates laboratory check-in, accessioning of orders, and printing of specimen labels
- Howdy captures collection process times and provides the information required to create phlebotomy performance reports
- Howdy eliminates the need for a hand-written log book for sign-in where the patient's name and SSN can be compromised
- Howdy can utilize bar code technology to assist in the process of patient and specimen identification

Blood Bank Clearance

VistA Laboratory Package Patch LR*5.2*405 contains changes to software controlled by VHA.

EFFECT ON BLOOD BANK FUNCTIONAL REQUIREMENTS: Patch LR*5.2*405 does not contain any changes to the VISTA BLOOD BANK Software as defined by VHA DIRECTIVE 2004-058 titled VISTA BLOOD BANK SOFTWARE VERSION 5.2.

EFFECT ON BLOOD BANK FUNCTIONAL REQUIREMENTS: Patch LR*5.2*405 does not alter or modify any software design safeguards or safety critical elements functions.

RISK ANALYSIS: Changes made by patch LR*5.2*405 have no effect on Blood Bank software functionality, therefore RISK is none.

VALIDATION REQUIREMENTS BY OPTION: Because of the nature of the changes made, no specific validation requirements exist as a result of installation of this patch.

Features in Patch LR*5.2*405

HOWDY SITE FILE (#69.86)

This file is used to run the Howdy software and to reflect the site's business rules.

```
File Name (Number)              Field Name (Number)             New/Modified/Deleted
------------------              -------------------             --------------------
HOWDY SITE FILE(#69.86)         NAME (#.01)                              NEW
                                LAB TEST (TO EXCLUDE) (#2)               NEW
                                COLLECTION SAMPLE (TO EXCLUDE)(#4)       NEW
                                SITE SPECIMEN (TO EXCLUDE) (#6)          NEW
                                COLLECTION TYPES (TO EXCLUDE) (#8)       NEW
                                LABEL PRINTERS (#10)                     NEW
                                ORDER LABEL ROUTINE (#11)                NEW
                                EXCLUDE CLINICS (#16)                    NEW
                                CHECK FOR FUTURE ORDERS (DAYS) (#18)     NEW
                                CHECK FOR PAST ORDERS (DAYS) (#20)       NEW
                                ORDER LABEL TESTS (#25)                  NEW
                                EXCLUDE URGENCY (#30)                    NEW
                                GREETING (#32)                           NEW
                                WELCOME TO (#40)                         NEW
                                YOUR HOST IS (#42)                       NEW
                                HOST TITLE (#44)                         NEW
                                SPACER LABEL PRINTER (#45)               NEW
                                DELETE SAME DAY DUPLICATES (#52)         NEW
                                BINGO BOARD DEVICE (#54)                 NEW
                                HOWDY BOT (#56)                          NEW
```

Notes:

Bingo Board

The bingo board process was validated using a printer to verify functionality. Using a display monitor for the bingo board functionality was not tested, but may be included in a future release.

Exclude Clinics

If an order for the *excluded clinic* is for **today**, the order will accession. If an order for the *excluded clinic* is for **tomorrow**, and you run the program, the order will be ignored.

HOWDY SPECIMEN TIMES BY UID FILE (#69.87)

This file is used to capture and retain the specimen demographics.

```
File Name (Number)           Field Name (Number)         New/Modified/Deleted
------------------           -------------------         --------------------
HOWDY SPECIMEN TIMES
 BY UID FILE(#69.87)         SPECIMEN UID (#.01)                NEW
                             INITIAL SCAN TIME (#2)             NEW
                             TIME LABELS PRINTED (#4)           NEW
                             COLLECTOR (#6)                     NEW
                             COLLECTION TIME (#8)               NEW
                             LAB ARRIVAL TIME (#10)             NEW
                             RECEIVER (#12)                     NEW
```

Associated Options

```
Option Name                    Type                   New/Modified
-----------                    ----                   ------------
LRHY HOWDY PPOC MAIN MENU      menu                        NEW
LRHY HOWDY MAIN MENU           menu                        NEW
LRHY PPOC LABEL PRINT          action                      NEW
LRHY PATIENT CARD SCAN         run routine                 NEW
LRHY PATIENT CARD SCAN (PPOC)  run routine                 NEW
LRHY PATIENT WAIT TIME         run routine                 NEW
LRHY PHLEBOTOMY LOG            run routine                 NEW
LRHY SCAN SPECIMENS INTO LAB   action                      NEW
LRHY SITE FILE EDIT            run routine                 NEW
LRHY TRACK COLLECTION          run routine                 NEW
LRHY HOWDY BOT                 action                      NEW
```

Summary of New Entries in the OPTIONS file (#19)

```
1.  SCAN PATIENT CARD [LRHY PATIENT CARD SCAN]
This option initiates the Howdy process using the greeting from Howdy site
file & prints labels.


2.  PHLEBOTOMY LOG [LRHY PHLEBOTOMY LOG]
This is the log used to track the collector's phlebotomy performance
times.
```

3. SCAN SPECIMENS INTO LAB [LRHY SCAN SPECIMENS INTO LAB]
This option allows the Receiver to scan collected specimen labels to
capture Lab Receipt Time.

4. TRACK COLLECTION [LRHY TRACK COLLECTION]
This option is used to display patient specimen collection demographics.

5. PATIENT WAIT TIME [LRHY PATIENT WAIT TIME]
This option displays how long a Patient waits to have a sample drawn.

6. EDIT HOWDY SITE FILE [LRHY SITE FILE EDIT]
This option enables the Keyholder to edit the Howdy site file.

7. SCAN PATIENT CARD (PPOC) [LRHY PATIENT CARD SCAN (PPOC)]
This option enables Howdy to scan the Patient's VIC card when the Patient
arrives at the phlebotomy area.

8. PRINT PPOC LABEL [LRHY PPOC LABEL PRINT]
This is the menu option the collector uses when verifying Patient Identification
at time of collection. Each collecting station will have a dedicated PC, scanner
and bar code label printer. Howdy will recognize this person as the collector
and date and time of collection. The collector will scan the patient's
VIC card, armband or can type their SSN on their keyboard. The patient's
demographics appear on the screen with the current accessioned orders.
The collector then verifies patient identification.
The labels then print and specimens are labeled accordingly.

9. HOWDY MAIN MENU [LRHY HOWDY MAIN MENU]
This option provides access to the traditional Howdy Main Menu.

10. HOWDY PPOC MAIN MENU [LRHY HOWDY PPOC MAIN MENU]
This option provides access to the Howdy PPOC Main Menu.

11. LRHY HOWDY BOT [LRHY SET HOWDY USER]
This option sets the Howdy user that will run the Howdy scan option.

Installation and Configuration Notes

If Howdy was previously installed as Class 3 software, your Howdy site file will not merge with the new Class 1 software. Your site will need to repopulate the new Howdy site file with your site-specific parameters.

1. Sites will be required to install Patch LR*5.2*405, but implementation is optional.
2. The install time for this patch is less than 5 minutes and it is best if the patch is installed outside of normal working hours.
3. MailMan and Kernel patches must be current on the target system to avoid problems loading and installing the patch.
4. Prior to installing VistA Howdy Computerized Phlebotomy Login Process, the following required software applications must be installed:

Kernel	8.0
VistA Laboratory	5.2
VA FileMan	22.0
VA MailMan	7.1 or greater
Kernel Toolkit	7.3

Additional Information

Software Changes

- This is a Laboratory patch with no changes to existing software
- Howdy uses the new LRHY* namespace
- Sites will be required to install Patch LR*5.2*405, but implementation is optional

A new Item was created in Remedy for Howdy, Patch LR*5.2*405.
If you have any questions concerning the implementation of this application, contact the VA Service Desk at 1-888-596-4357 or directly log a Remedy ticket via Remedy Requester using
Category: Applications/VistA
Type: Lab 5.2
Item: Howdy

Documentation

Documentation was written for Howdy, Patch LR*5.2*405.

Document File Description	File Names	FTP Mode
Howdy Computerized Phlebotomy Login Process User Manual	LR_5.2_405_UM.doc LR_5.2_405_UM.pdf	Binary
Howdy Computerized Phlebotomy Login Process Technical Manual	LR_5.2_405_TM.doc LR_5.2_405_TM.pdf	Binary
Howdy Computerized Phlebotomy Login Process Installation Guide	LR_5.2_405_IG.doc LR_5.2_405_IG.pdf	Binary
Howdy Computerized Phlebotomy Login Process Release Notes	LR_5.2_405_RN.doc LR_5.2_405_RN.pdf	Binary

VistA Howdy Laboratory Patch LR*5.2*405 manuals are available in MS Word (.doc) format and the Portable Document Format (.pdf) on the VA Software Documentation Library in the Clinical Section, Laboratory: Howdy Computerized Phlebotomy Login Process
http://www4.va.gov/vdl/

To assist the local IT staff in setting up Howdy, the *Howdy Reference Manual for Local IT Staff* is also available on the VDL.