



Mission Lipid Data Management Software

User's Guide

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1. Overview

1.1 About the Mission Lipid Data Management Software

This software is designed for patient office visits and community screening events. It enables the user to quickly transfer test data from the meter to a PC, securely create and manage electronic patient records containing current/archived test data and standard health information, and provide patients with a personalized, up-to-date lipid health report at each visit.

The personalized patient report includes the patient's current test results, as they compare to standard reference values, for Total Cholesterol, Triglycerides, HDL, calculated LDL and calculated Total Cholesterol/HDL Ratio. It is a helpful educational tool that automatically calculates the patient's 10-year risk of Coronary Heart Disease, using either the Framingham or PROCAM scoring algorithms. If the Framingham algorithm is selected in the software settings, the report will also calculate an individual's "Heart Age," another predictive indicator of cardiovascular health, based on known risk factors.

Note: A computer will run only one copy of this software program and connect with one meter at a time.

1.2 System Requirements

The following are minimum requirements for Mission Lipid Data Management Software:

Operating System: Win 7 Home Premium – 32 bit
Win 7 Pro – 64 bit
Win 8.1 Pro – 64 bit
Win 10 Pro – 64 bit

Memory: 1 GB

Hard Disk Space: 500 MB for software installation and patient database expansion

Connection Port: Available USB port

Display: 1024 x 768 or higher

1.3 Materials Required

- Mission Cholesterol Meter –or– Mission Lipid Panel Meter
- Mission USB cable

2. Administrator Instructions

2.1 Installation

NOTE: During the installation process, please make sure the USB cable is disconnected from your computer. Do not connect it to your computer until the software installation is completely finished.

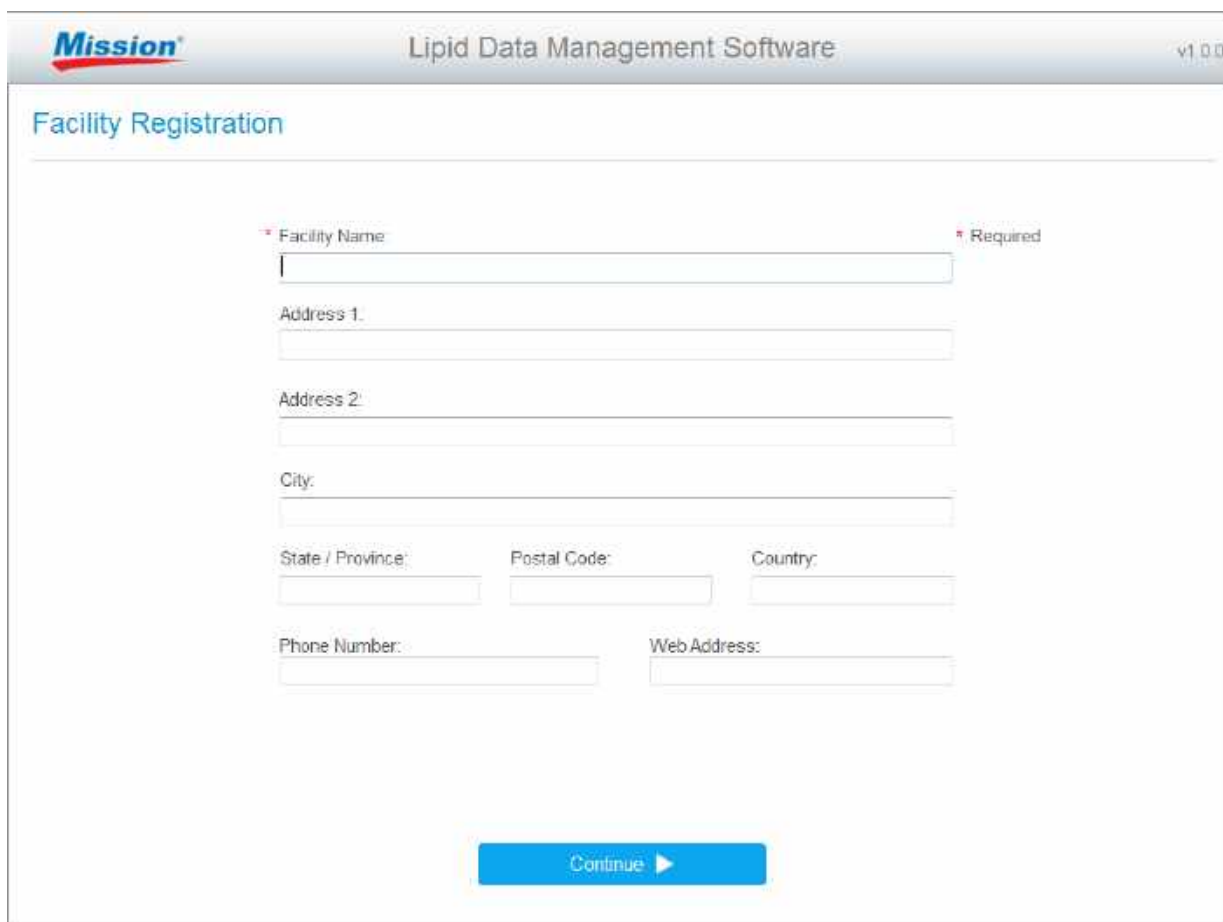
To install, click on the Mission Lipid Data Management Software icon and follow the prompts.

2.2 Setup

The setup window will automatically appear after installation is finished.

NOTE: If your computer shuts down during setup, the set up process will remain incomplete. To restart the set up process, the software must be reinstalled.

1. Setup begins at the “Select Language” screen. Select preferred language from the dropdown menu and click the “Continue” button.
2. Fill in the facility information on the “Facility Registration” screen and click the “Continue” button.



The screenshot shows the "Facility Registration" window of the Mission Lipid Data Management Software. The window has a title bar with the Mission logo, the text "Lipid Data Management Software", and the version "v1.0.0". The main content area is titled "Facility Registration" and contains several input fields for facility information. The fields are: Facility Name (with a red asterisk and "Required" label), Address 1, Address 2, City, State / Province, Postal Code, Country, Phone Number, and Web Address. A blue "Continue" button with a right-pointing arrow is located at the bottom center of the window.

* Facility Name *			Required
<input type="text"/>			
Address 1: <input type="text"/>			
Address 2: <input type="text"/>			
City: <input type="text"/>			
State / Province: <input type="text"/>	Postal Code: <input type="text"/>	Country: <input type="text"/>	
Phone Number: <input type="text"/>	Web Address: <input type="text"/>		
<input type="button" value="Continue"/>			

3. Fill in your information on the “Primary Administrator Credentials” screen. (For User Name, use company email ID or create a naming system for yourself and other users.) Click the “Continue” button.

The screenshot shows the 'Primary Administrator Credentials' screen of the 'Mission Lipid Data Management Software v1.0.0'. The screen has a light blue header with the 'Mission' logo and the software name. Below the header, the title 'Primary Administrator Credentials' is displayed in blue. The form contains five input fields, each with a red asterisk indicating it is required: 'First Name:', 'Last Name:', 'User Name:', 'Password:', and 'Confirm Password:'. The 'Last Name:' field is also marked with a 'Required' label. Below the 'Confirm Password:' field, there is a note '8-20 characters:'. At the bottom center, there is a blue button labeled 'Continue' with a right-pointing arrow.

4. On “Add Users” screen, enter information for each individual who will be authorized to use the software and access patient information. Enter each user, one at a time, and click the “Add User” button after each entry to save.

The screenshot shows the 'Add Users' screen of the 'Mission Lipid Data Management Software'. The screen has a light blue header with the title 'Add Users' in blue. Below the header, the form contains five input fields, each with a red asterisk indicating it is required: 'First Name:', 'Last Name:', 'User Name:', 'Password (8-20 characters):', and 'Administrative Privileges:'. The 'Last Name:' field is also marked with a 'Required' label. Below the 'User Name:' field, there is a note 'Create User Names and unique initial Passwords for each new user login.'. The 'Administrative Privileges:' field is a green button with a red asterisk. Below it, there are two radio buttons labeled 'NO' and 'YES'. At the bottom center, there are two dark gray buttons labeled 'Clear' and 'Add User'.

When all users have been entered (additional users may be added later), click the “Continue” button.

NOTE: Administrative privileges include:

- Adding, editing, deleting user records from the software
- Modifying facility information in the software
- Modifying software settings
- Exporting patient data to CSV text files
- Creating a backup of the patient database
- Accessing the control solution test history
- Uploading company logo for the customized patient report (optional)

Administrative Privileges:

☒ NO ☐ YES

NOTE: A user will have a “pending” status until they log in for the first time. Then their status will change to “Active.”

Manage Users

Last Name, First Name	Status
Smith, John	Active
Jones, David	Pending
Johnson, Michael	Pending

Continue ►

5. Select software settings and click the “Continue” button.

Mission Lipid Data Management Software v1.0.0

Software Settings

Time Display:	<input type="radio"/> 12 Hours	<input checked="" type="radio"/> 24 Hours	
Date Display:	<input type="radio"/> MM-DD-YYYY	<input checked="" type="radio"/> DD-MM-YYYY	<input type="radio"/> YYYY-MM-DD
Risk Scoring Algorithm:	<input type="radio"/> Framingham	<input checked="" type="radio"/> PROCAM	
Analytes – Units of Measure:	<input type="radio"/> mg/dL	<input checked="" type="radio"/> mmol/L	
Height – Units of Measure:	<input type="radio"/> in.	<input checked="" type="radio"/> cm	
Weight – Units of Measure:	<input type="radio"/> lb	<input checked="" type="radio"/> kg	

Report Settings may be customized after logging in. (See Settings tab in the top navigation bar.)

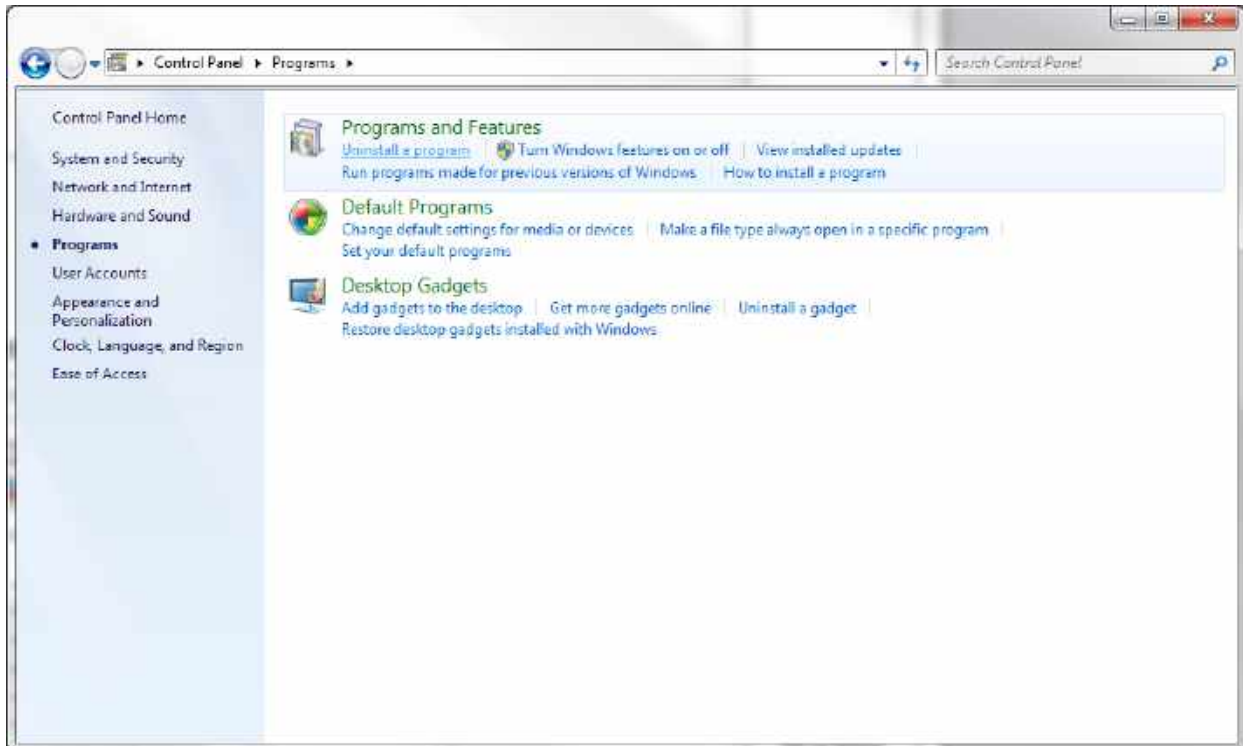
[Continue](#)

Note: You will have the option of customizing report settings after logging in.

6. Once setup has been completed, an account activation screen will be displayed. Enter your new user name and password to activate your account.
7. You will now be prompted to restart your computer.
8. Provide User Names and (temporary) Passwords to all new authorized users for their first-time login.

2.3 Uninstall Instructions

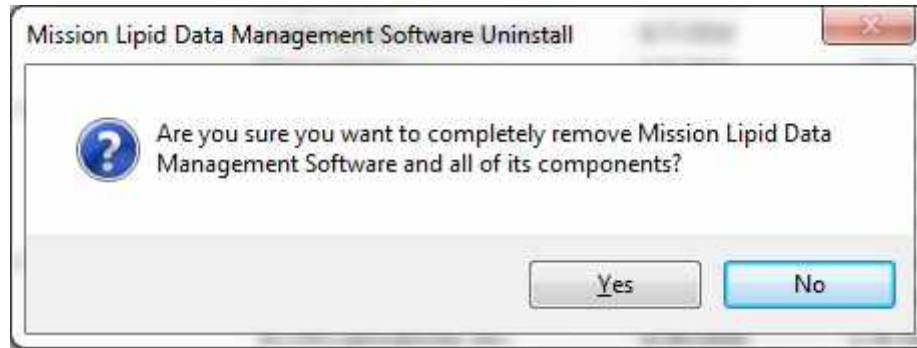
1. Open the Windows installed software menu or Control Panel. (When in the Control Panel, go to Programs and Features. If your Control Panel is in Category view, go to Uninstall a Program.)



2. Find the Mission Lipid Data Management Software icon.



3. Follow the standard Windows procedure for uninstalling the program.



2.4 Running the Mission Lipid Data Management Software (Administrators Only)

After installation, the software icon will be visible in your computer Start menu. If you created a shortcut during installation, it will be visible on your desktop also. Double-click the icon shown below to launch the program.



2.4.1 Forgotten Password (Administrators Only)

If you forget your password and you are the only user with administrative privileges in your organization, contact ACON Laboratories' Technical Support (techsupport@aconlabs.com). If additional users within your organization have administrative privileges, they also have the ability to view and change all passwords (both Administrators and standard users) in the "Add / Manage Users Tab" (located in "Settings" in the top navigation bar).

2.4.2 Administrator Settings

The Settings button is located in the top navigation bar.



If you have administrative privileges, you will see the screen below:

The screenshot shows a window titled "Administrator Settings" with a close button in the top right corner. Below the title bar is a navigation bar with four tabs: "Add / Manage Users" (selected), "Facility Information", "Advanced Settings", and "Report Settings".

Under the "Add / Manage Users" tab, there are two sections:

- Add Users:** This section contains four text input fields: "First Name", "Last Name", "User Name", and "Password(8-20 characters)". The "Last Name" field is marked as "Required". Below these fields is a green button labeled "Administrative Privileges:" and two radio buttons labeled "NO" and "YES". At the bottom of this section are two dark gray buttons: "Clear" and "Add User".
- Manage Users:** This section contains a table with two columns: "Last Name, First Name" and "Status". The table lists three users: "Jones, David" (Pending), "Smith, John" (Active), and "Johnson, Michael" (Pending). Each name is a blue hyperlink.

If the screen above does not come up when the Settings button is clicked, please contact the Primary Administrator of this software at your facility.

2.4.2.1 Add / Manage Users Tab

- To add new users, fill in fields under "Add Users" and click "Add User" button.

This is a detailed view of the "Add Users" form. It includes the same four text input fields as the previous screenshot: "First Name", "Last Name", "User Name", and "Password(8-20 characters)". The "Last Name" field is marked as "Required". Below these fields is a green button labeled "Administrative Privileges:" and two radio buttons labeled "NO" and "YES". At the bottom of the form are two dark gray buttons: "Clear" and "Add User".

- To edit user file, click on user's name listed under "Manage Users" to open user file for editing. Make changes and click "Save" button.

Manage Users

Last Name, First Name	Status
Jones, David	Pending
Smith, John	Active
Johnson, Michael	Pending

Edit User



* First Name	* Last Name:
<input type="text" value="David"/>	<input type="text" value="Jones"/>
* User Name	* Password(8-20 characters)
<input type="text" value="djones"/>	<input type="text" value="123456789"/>
Administrative Privileges:	<input checked="" type="radio"/> NO <input type="radio"/> YES

Clear


Delete User

Save

- To delete a user file, click on user's name listed under "Manage Users" to open user file. Click "Delete User" button. (Shown above.)

2.4.2.2 Facility Information Tab

Update facility information and click “Save” button.



Administrator Settings

Add / Manage Users

Facility Information

Advanced Settings

Report Settings

* Facility Name: * Required

ACON Laboratories

Address 1:

10125 Mesa Rim Road

Address 2:

City:

San Diego

State / Province:

CA

Postal Code:

92121

Country:

Phone Number:

858-875-8000

Web Address:

www.aconlabs.com

Clear

Save

2.4.2.3 Advanced Settings Tab

Modify software settings if desired and click the “Save” button.

Administrator Settings

Add / Manage Users

Facility Information

Advanced Settings

Report Settings

Time Display:	<input type="radio"/> 12 Hours	<input checked="" type="radio"/> 24 Hours	
Date Display:	<input type="radio"/> MM-DD-YYYY	<input checked="" type="radio"/> DD-MM-YYYY	<input type="radio"/> YYYY-MM-DD
Risk Scoring Algorithm:	<input type="radio"/> Framingham	<input checked="" type="radio"/> PROCAM	
Analytes – Units of Measure:	<input type="radio"/> mg/dL	<input checked="" type="radio"/> mmol/L	
Height – Units of Measure:	<input type="radio"/> in	<input checked="" type="radio"/> cm	
Weight – Units of Measure:	<input type="radio"/> lb	<input checked="" type="radio"/> kg	

Reset

Save

Advanced Administrator Functions

Select button below.

EXPORT ALL PATIENT DATA

Export patient database to CSV text files

CREATE BACKUP

Backup patient database

VIEW CONTROL LOG

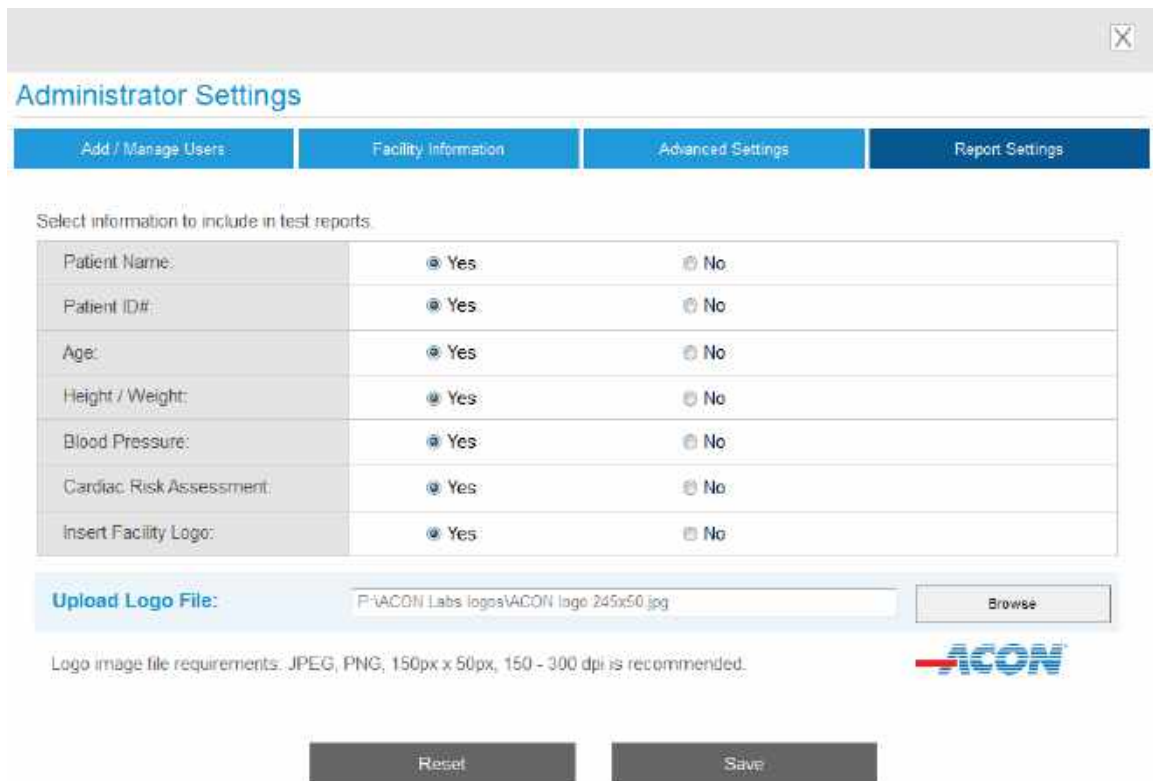
Control Solution test history

For advanced administrator functions, click the appropriate button.

- Export patient database to a CSV text file.
- Create a backup of the patient database. (For assistance in restoring files, contact ACON Laboratories' Technical Support at techsupport@aconlabs.com).
- View control solution test history.

2.4.2.4 Report Settings Tab

Modify report settings if desired and click the “Save” button.



Administrator Settings


Add / Manage Users | Facility Information | Advanced Settings | **Report Settings**

Select information to include in test reports.

Patient Name:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Patient ID#:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Age:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Height / Weight:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Blood Pressure:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Cardiac Risk Assessment:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Insert Facility Logo:	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Upload Logo File: P:\ACON Labs logos\ACON logo 245x50.jpg

Logo image file requirements: JPEG, PNG, 150px x 50px, 150 - 300 dpi is recommended.



See Sections 4-9 for additional information on how to use this software.

3. General Instructions

3.1 Running the Software

Double-click the Mission Lipid Data Management Software icon shown below. It is located in the Windows Start menu. It may also be visible on the computer desktop if a shortcut has been created.



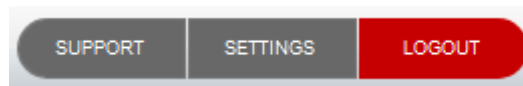
3.2 First-time Login / Forgotten Password

The primary Administrator will provide you with a User Name and initial (temporary) password. During the first-time login process, your account will be activated and you will have the opportunity to change your password.

Note: If you forget your password, contact your Administrator.

3.3 Standard Settings

The Settings button is located in the top navigation bar.



When you click on the Settings button you should see the screen below:

A screenshot of the 'SETTINGS' screen. At the top is a grey header bar with a close button (X). Below the header, the word 'SETTINGS' is displayed in blue. Underneath are two tabs: 'Report Settings' (dark blue) and 'My Account' (light blue). The main content area contains a table with six rows, each representing a patient attribute. Each row has a label on the left and two radio button options, 'Yes' and 'No', on the right. All 'Yes' options are selected. Below the table are two buttons: 'Reset' and 'Save'.

Patient Name:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Patient ID#	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Age:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Height / Weight:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Blood Pressure:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Cardiac Risk Assessment:	<input checked="" type="radio"/> Yes	<input type="radio"/> No

If this screen does not come up when the Settings button is clicked, please contact the Primary Administrator of this software at your facility.

3.3.1 Report Settings Tab

Modify report settings if desired and click the “Save” button.

X

SETTINGS

Report Settings

My Account

Patient Name:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Patient ID#:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Age:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Height / Weight:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Blood Pressure:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Cardiac Risk Assessment:	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Reset

Save

3.3.2 My Account Tab / Change Password

Change password if desired and click the “Save” button.

It is recommended that you change your password on a regular basis.

X

SETTINGS

Report Settings

My Account

Create a new password.

Password

Confirm Password

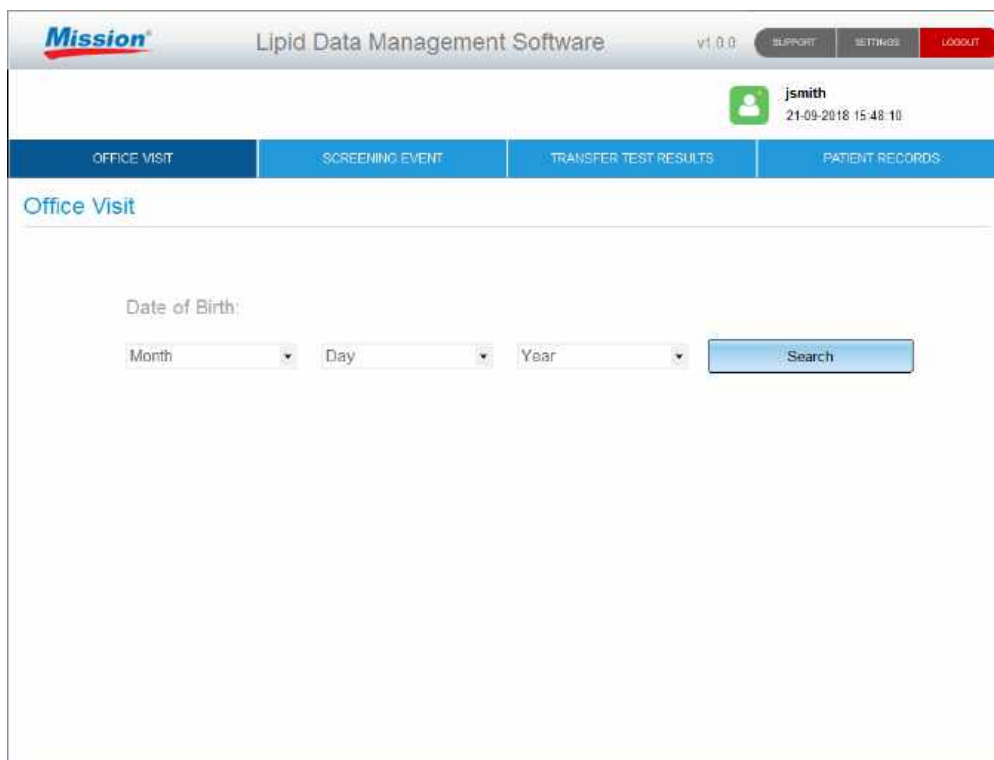
8-20 characters

Clear

Save

4. Home Screen

The Home screen is the first screen of the Office Visit tab. It appears as the screen below.



5. Office Visit

The Office Visit mode (Home Screen) is for use in a physician office setting during a patient appointment. The workflow consists of the following:

- 1) Clear meter memory at the start of the day (optional, but recommended)
- 2) Ask the patient some questions
- 3) Perform lipid testing; remove used test device/cartridge from meter
- 4) Transfer test data from the meter to the computer
- 5) Generate a patient report

5.1 Clear the Meter Memory

To optimize data transfer speed, it is recommended that the meter memory be cleared daily or a few times per week (depending on lipid test volume). For instructions on how to clear the meter memory, click on the link called "How do I clear the meter memory?" This link navigates directly to the Support page, which can also be opened from the Support button in the top navigation bar.

Optimize Data Transfer



[How Do I Clear the Meter Memory - PDF](#)

Requires Adobe Acrobat Reader

5.2 Enter Date of Birth

Click on the Office Visit button (if you are not already on the Home screen). Enter the patient's date of birth to locate, or confirm the existence of, the patient record in the system.

The screenshot displays the 'Mission Lipid Data Management Software' interface. At the top, there is a header bar with the 'Mission' logo, the software name, version 'v1.0.0', and links for 'SUPPORT', 'SETTINGS', and 'LOGOUT'. Below the header, a user profile section shows a green person icon, the username 'jsmith', and the timestamp '21-09-2018 15:48:10'. A navigation bar contains four buttons: 'OFFICE VISIT' (highlighted in dark blue), 'SCREENING EVENT', 'TRANSFER TEST RESULTS', and 'PATIENT RECORDS'. The main content area is titled 'Office Visit' and features a 'Date of Birth:' label. Below this label are three dropdown menus for 'Month', 'Day', and 'Year', followed by a blue 'Search' button.

5.2.1 Patient Record Found

All patient records associated with the entered date of birth will be listed. Select the correct patient from the list by clicking on the patient name. The patient record will open. Update the patient's vital information. Confirm answers to health questions and update if necessary. Click "Save."

Patient Name (Last, First)	Date of Birth
Brown, Mike	01-01-1970
Garcia, Daniel	01-01-1970
Lee, Chris	01-01-1970
Lopez, Paul	01-01-1970
Williams, Mark	01-01-1970

If none of the patients listed are the correct patient, click “Add New Patient” and a new record will open. Complete all fields and click “Save.”

5.2.2 Patient Record Not Found (Creating a Patient Record)

If no patient records associated with the entered date of birth are found, a new record will open. Complete all fields and click “Save.”

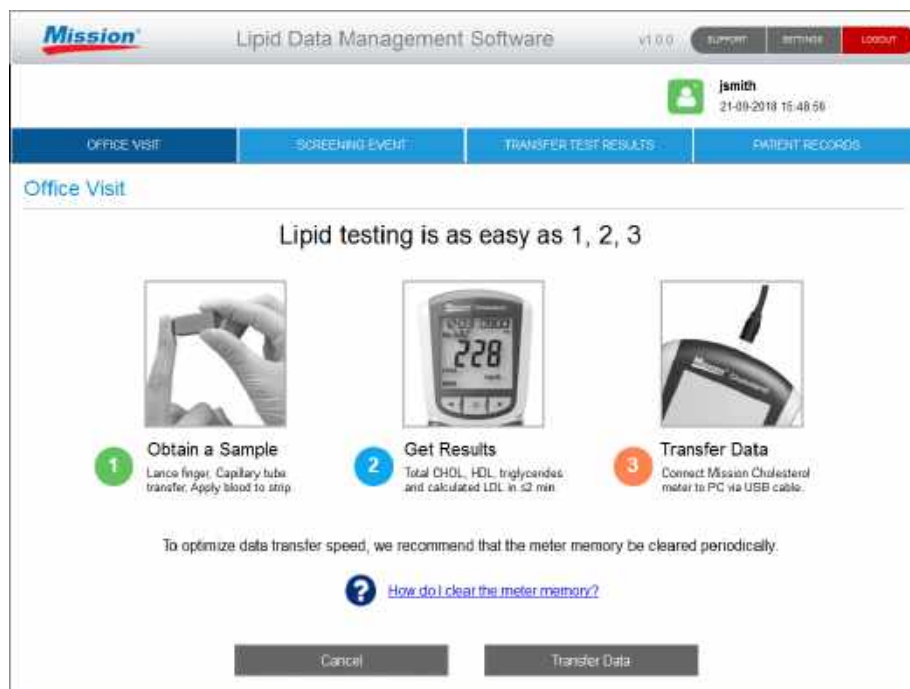
5.3 Perform Test Using Mission Meter

Perform lipid testing with your Mission brand meter. See the meter user manual and/or quick reference guide for more details on how to perform a test using the Mission meter. Results may be viewed on the meter screen within 2 minutes. Remove used test device/cartridge after results are displayed on meter.

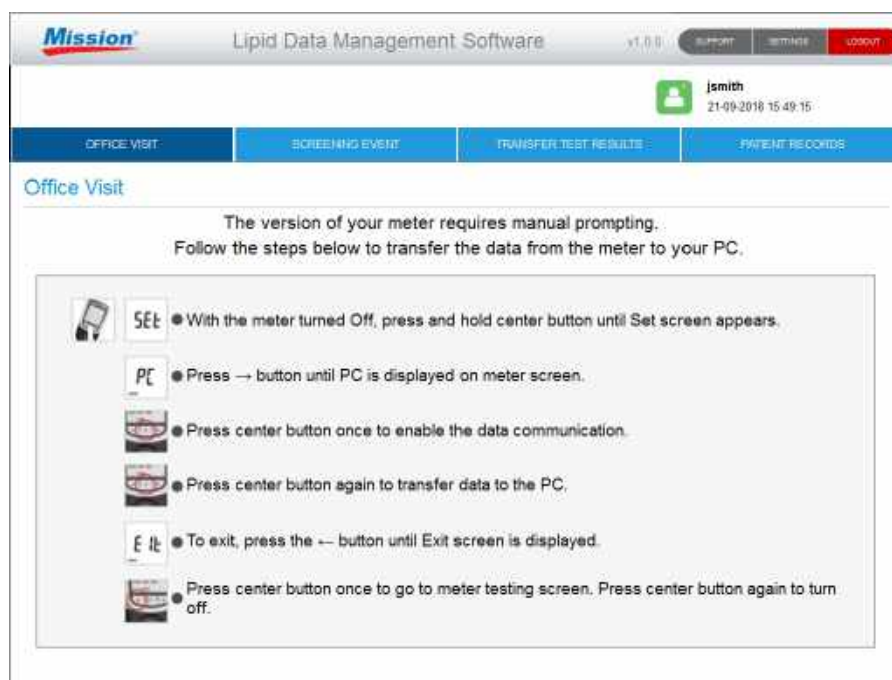
5.4 Transfer Test Data

Make sure the Mission meter is connected to your computer using a USB to mini-USB cable. Click the “Transfer Data” button.

Note: Never click the “Transfer Data” button before removing the used test device/cartridge and connecting the meter to your computer.



If your meter is an earlier model (uni-directional), you will see special instructions on the screen explaining how to quickly and easily begin the data transfer manually.



5.5 Patient Report

After the test data transfer, a personalized patient report will be generated automatically, and will appear like the one shown on the next page. If the personalized patient report does not appear on the screen, make sure the used test device/cartridge has been removed from the meter. To print the report, click the

“Print Report” button. Otherwise, click the “End Patient Visit” button to return to the Home screen without printing a report.

The patient report contains general health information, 10-year coronary heart disease risk, “heart age” (only if the Framingham scoring method is selected in the software settings), test results, and any historical lipid test results. The value of providing patients with a personalized report is that it can serve as an education tool and a motivator for patients to make lifestyle changes. The patient report may be printed using a local or networked printer; however, use a local/non-networked printer to print in color.

Note: This software utilizes the most up-to-date CHD risk algorithms available. Since earlier versions of the meter may not have the updated algorithms, some differences may be observed between the CHD risk stated on the report and the CHD risk generated by the meter individually.

Note: When “Framingham” has been selected in the software settings, the 10-year risk and heart age calculators in the report is based on data from the Framingham Study and are meant for individuals 30-74 years old who have no history of cardiovascular disease (heart attack, stroke, peripheral artery disease or heart failure). A patient’s CHD risk may be overestimated or under estimated by these calculators if their age is outside this reference age range.

Note: When “PROCAM” has been selected in the software settings, the 10-year risk calculator in the report is based on data from the PROCAM Study and is used for estimating overall CHD risk in men 35-65 years old who have no history of cardiovascular disease (heart attack, stroke, peripheral artery disease or heart failure). A patient’s CHD risk may be overestimated or underestimated by this calculator if their age or gender is outside the parameters of the PROCAM Study.

The screenshot displays the 'Mission Lipid Data Management Software' interface. At the top, there's a header with the 'Mission' logo, the software name, version 'V1.0.0', and buttons for 'SUPPORT', 'SETTINGS', and 'LOGOUT'. Below this is a user profile section for 'jsmith' with a timestamp '24-09-2018 09:14:24'. A navigation bar contains four tabs: 'OFFICE VISIT', 'SCREENING EVENT', 'TRANSFER TEST RESULTS', and 'PATIENT RECORDS'. The main content area is titled 'Test Report' and includes the 'Mission' logo. It shows the date and time as 'DATE: 24-09-2018' and 'TIME: 09:14'. A section for 'PATIENT INFORMATION:' lists details for 'Brown, Mike' with patient ID '64987'. The information includes Gender: Male, Age: 48, Height: 180 (cm), Weight: 75 (kg), Blood Pressure: 100 / 80, Smoke: NO, Diabetes: NO, and Hypertension Treatment: NO. Below this is the 'Analysis Results' section, which features a large red heart icon with '4.2%' inside, representing the '10-YEAR CORONARY HEART DISEASE RISK'. A text box explains that the tool uses information from the PROCAM Heart Study to predict the chances of having a heart attack in the next 10 years. At the bottom, there are buttons for 'End Patient Visit', 'Print Report', and navigation arrows.

PATIENT INFORMATION:					
PATIENT NAME:	Brown, Mike		PATIENT ID:	64987	
GENDER:	Male	AGE:	48		
HEIGHT:	180 (cm)	WEIGHT:	75 (kg)	BLOOD PRESSURE:	100 / 80
SMOKE:	NO	DIABETES:	NO	HYPERTENSION TREATMENT:	NO

Analysis Results

10-YEAR CORONARY HEART DISEASE RISK

4.2%

The cardiac risk assessment tool uses information from the PROCAM Heart Study to predict your chances of having a heart attack in the next 10 years. A risk score of

End Patient Visit Print Report < >

6. Screening Event

The Screening Event mode is for use in a screening event setting, such as a pharmacy or health fair. The workflow is very similar to the Office Visit workflow and consists of the following:

- 1) Name the screening event and provide event date
- 2) Clear meter memory before screening event (optional, but recommended)
- 3) Ask the screening participant some questions
- 4) Perform lipid testing; remove used test device/cartridge from meter
- 5) Transfer test data from the meter to the computer
- 6) Generate a patient report
- 7) End screening event

6.1 Name Screening Event and Enter Event Date

Click on the Screening Event button. Screening events require names and dates to be searchable in the system. Establish a consistent naming convention for events (with consistent spelling as well). This will make it easier to pull up information in organized groupings.

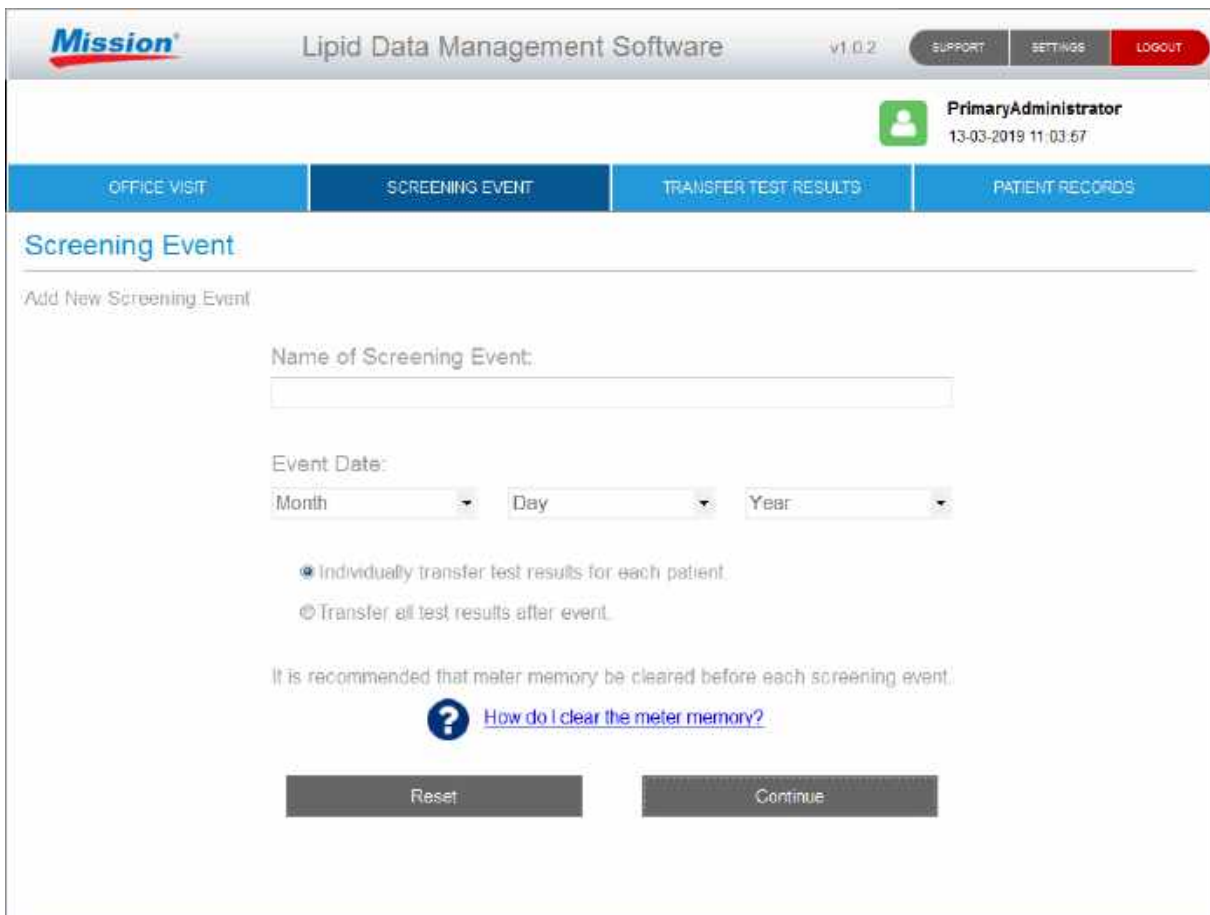
This software provides two options for conducting Screening Events:

- **Test results are transferred individually**

Each participant's height, weight, and blood pressure are taken, the screener asks a few questions to identify the individual and their risk factors, a lipid test is run, test results are transferred from the meter, a patient report is provided to the participant.

- **All test results are transferred after the event**

Participants complete a questionnaire. Their height, weight and blood pressure are taken, and lipid tests are run. After the event, test data is transferred and patient reports are sent out.



Mission Lipid Data Management Software v1.0.2 SUPPORT SETTINGS LOGOUT

PrimaryAdministrator
13-03-2019 11:03:57

OFFICE VISIT SCREENING EVENT TRANSFER TEST RESULTS PATIENT RECORDS

Screening Event


Add New Screening Event

Name of Screening Event:

Event Date:
Month Day Year

☒ Individually transfer test results for each patient.
☐ Transfer all test results after event.

It is recommended that meter memory be cleared before each screening event.

 [How do I clear the meter memory?](#)

Reset Continue

6.2 Clear the Meter Memory

To optimize data transfer speed during screening events, it is recommended that the meter memory be cleared prior to the event. For instructions on how to clear the meter memory, click on the link called "How do I clear the meter memory?" This link navigates directly to the Support page, which can also be opened from the Support button in the top navigation bar.

Optimize Data Transfer



[How Do I Clear the Meter Memory - PDF](#)

Requires Adobe Acrobat Reader

6.3 Enter Date of Birth


Enter the screening participant's date of birth to locate, or confirm the existence of, their record in the system.

The screenshot displays the 'Mission' Lipid Data Management Software interface. At the top, the header includes the 'Mission' logo, the title 'Lipid Data Management Software', the version 'v1.0.0', and links for 'SUPPORT', 'SETTINGS', and 'LOGOUT'. Below the header, a user profile for 'jsmith' is shown with a green icon and the timestamp '21-09-2018 15:50:27'. A navigation bar contains four tabs: 'OFFICE VISIT', 'SCREENING EVENT' (which is active), 'TRANSFER TEST RESULTS', and 'PATIENT RECORDS'. The main content area is titled 'Screening Event' and features a 'Date of Birth:' label. Below this label are three dropdown menus for 'Month', 'Day', and 'Year', followed by a blue 'Search' button. At the bottom center of the page is a grey button labeled 'End Screening Event'.

6.3.1 Patient Record Found


All screening participant records associated with the entered date of birth will be listed. Select the correct name from the list by clicking on the participant's name. The record will open. Update the participant's vital information. Confirm answers to health questions and update if necessary. Click "Save."

Mission Lipid Data Management Software v1.0.0 [SUPPORT](#) [SETTINGS](#) [LOGOUT](#)

 **jsmith**
24-09-2018 09:16:36

[OFFICE VISIT](#) [SCREENING EVENT](#) [TRANSFER TEST RESULTS](#) [PATIENT RECORDS](#)

Screening Event


 Patient found! Select or add a new patient.

Patient Name (Last, First)	Date of Birth
Brown, Mike	01-01-1970
Garcia, Daniel	01-01-1970
Lee, Chris	01-01-1970
Lopez, Paul	01-01-1970
Williams, Mark	01-01-1970

[Cancel](#) [Add New Patient](#)


If none of the names listed are the correct participant, click “Add New Patient” and a new record will open. Complete all fields and click “Save.”

Mission Lipid Data Management Software v1.0.0 [SUPPORT](#) [SETTINGS](#) [LOGOUT](#)

 **jsmith**
24-09-2018 15:51:00

[OFFICE VISIT](#) [SCREENING EVENT](#) [TRANSFER TEST RESULTS](#) [PATIENT RECORDS](#)

Screening Event

 Enter new patient information.

* Required

* First Name: * Last Name: Patient ID:

* Date of Birth:

* Gender: ☒ Female ☐ Male

Vitals: * Height (cm): * Weight (kg): * Blood Pressure (sys / dia): /

* Smoke?: ☐ Yes ☒ No

[Cancel](#) [Save](#)

6.3.2 Patient Record Not Found (Creating a Patient Record)

If no records associated with the entered date of birth are found, a new record will open. Complete all fields and click "Save."

6.4 Perform Test Using Mission Meter

Perform lipid testing with your Mission brand meter. See the meter user manual and/or quick reference guide for more details on how to perform a test using the Mission meter. Results may be viewed on the meter screen within 2 minutes. Remove used test device/cartridge after results are displayed on meter.

6.5 Transfer Test Data

Make sure the Mission meter is connected to your computer using a USB to mini-USB cable. Click the "Transfer Data" button.


Note: Never click the "Transfer Data" button before removing the used test device/cartridge and connecting the meter to your computer.

The screenshot shows the 'Mission Lipid Data Management Software' interface. At the top, there's a header with the 'Mission' logo, the title 'Lipid Data Management Software', version 'v1.0.0', and buttons for 'SUPPORT', 'SETTINGS', and 'LOGOUT'. Below the header, a user profile for 'jsmith' is shown with the date '21-09-2018 15:51:20'. A navigation bar contains four tabs: 'OFFICE VISIT', 'SCREENING EVENT' (which is active), 'TRANSFER TEST RESULTS', and 'PATIENT RECORDS'. The main content area is titled 'Screening Event' and features a large heading 'Lipid testing is as easy as 1, 2, 3'. Below this, three numbered steps are presented: 1. 'Obtain a Sample' with an image of a hand using a capillary tube and the instruction 'Lance finger, Capillary tube transfer, Apply blood to strip'; 2. 'Get Results' with an image of the meter displaying '228' and the instruction 'Total CHOL, HDL, triglycerides and calculated LDL in <2 min.'; 3. 'Transfer Data' with an image of the meter connected to a USB cable and the instruction 'Connect Mission Cholesterol meter to PC via USB cable.' Below the steps, a note states: 'To optimize data transfer speed, we recommend that the meter memory be cleared periodically.' A question mark icon links to 'How do I clear the meter memory?'. At the bottom, there are two buttons: 'Cancel' and 'Transfer Data'.

If your meter is an earlier model (uni-directional), you will see special instructions on the screen explaining how to quickly and easily begin the data transfer manually.


Lipid Data Management Software
vt.0.0

SUPPORT
SETTINGS
LOGOUT




jsmith
21-09-2018 15:51:38


OFFICE VISIT
SCREENING EVENT
TRANSFER TEST RESULTS
PATIENT RECORDS

Screening Event


The version of your meter requires manual prompting.
Follow the steps below to transfer the data from the meter to your PC.




● With the meter turned Off, press and hold center button until Set screen appears.




● Press → button until PC is displayed on meter screen.




● Press center button once to enable the data communication.



● Press center button again to transfer data to the PC.




● To exit, press the ← button until Exit screen is displayed.




● Press center button once to go to meter testing screen. Press center button again to turn off.

6.6 Patient Report


After the test data transfer, a personalized report will be generated automatically, and will appear like the one shown below. If the personalized patient report does not appear on the screen, make sure the used test device/cartridge has been removed from the meter. To print the report, click the “Print Report” button. Otherwise, click the “End Patient Visit” button to screen the next screening participant.


Lipid Data Management Software
v1.0.0

SUPPORT
SETTINGS
LOGOUT


jsmith
24-09-2016 09:21:13

OFFICE VISIT
SCREENING EVENT
TRANSFER TEST RESULTS
PATIENT RECORDS


Test Report

SCREENING EVENT:
Healthy Communities Program

DATE:
24-09-2018

TIME:
09:20

PATIENT INFORMATION:

PATIENT NAME:
Brown, Mike

PATIENT ID:
64987

GENDER:
Male

AGE:
48

HEIGHT:
180
(cm)

WEIGHT:
75
(kg)


BLOOD PRESSURE:
100 / 80

SMOKE:
NO

DIABETES:
NO

HYPERTENSION TREATMENT:
NO


Analysis Results



10-YEAR CORONARY HEART DISEASE RISK

The cardiac risk assessment tool uses information from the PROCAM Heart Study to predict your chances of having a heart attack in the next 10 years. A risk score of

End Patient Visit


Print Report

<

>

The report contains general health information, 10-year coronary heart disease risk, “heart age” (only if the Framingham scoring method is selected in the software settings), test results, and any historical lipid test results. The value of providing participants with a personalized report is that it can serve as an education tool and a motivator for individuals to make lifestyle changes. The patient report may be printed using a local or networked printer; however, use a local/non-networked printer to print in color.

Note: This software utilizes the most up-to-date CHD risk algorithms available. Since earlier versions of the meter may not have the updated algorithms, some differences may be observed between the CHD risk stated on the report and the CHD risk generated by the meter individually.

Note: When “Framingham” has been selected in the software settings, the 10-year risk and heart age calculators in the report is based on data from the Framingham Study and are meant for individuals 30-74 years old who have no history of cardiovascular disease (heart attack, stroke, peripheral artery disease or heart failure). A patient’s CHD risk may be overestimated or underestimated by these calculators if their age is outside this reference age range.

Note: When “PROCAM” has been selected in the software settings, the 10-year risk calculator in the report is based on data from the PROCAM Study and is used for estimating overall CHD risk in men 35-65 years old who have no history of cardiovascular disease (heart attack, stroke, peripheral artery disease or heart failure). A patient’s CHD risk may be overestimated or underestimated by this calculator if their age or gender is outside the parameters of the PROCAM Study.

6.7 End Screening Event

When the last screening participant has been screened and the report generated, click the “Print Report” button to print the patient report. Otherwise, click the “End Patient Visit” button to go back to the Screening Event Date of Birth Screen. Then click the “End Screening Event” button to close the event for that day.

The screenshot displays the 'Mission Lipid Data Management Software' interface. At the top, there is a header bar with the 'Mission' logo, the software name, version 'v1.0.0', and links for 'SUPPORT', 'SETTINGS', and 'LOGOUT'. Below the header, a user profile section shows a green icon, the name 'jsmith', and the timestamp '21-09-2016 15:52:25'. A navigation bar contains four tabs: 'OFFICE VISIT', 'SCREENING EVENT' (which is active), 'TRANSFER TEST RESULTS', and 'PATIENT RECORDS'. The main content area is titled 'Screening Event' and features a 'Date of Birth:' label above three dropdown menus for 'Month', 'Day', and 'Year'. A blue 'Search' button is positioned to the right of these dropdowns. At the bottom center of the screen, there is a grey button labeled 'End Screening Event'.

7. Transfer Test Results

Use the “Transfer Test Results” mode to transfer all data records in your meter at the same time (instead of individually). Typically, this is done at the end of the day, when patients are no longer present.

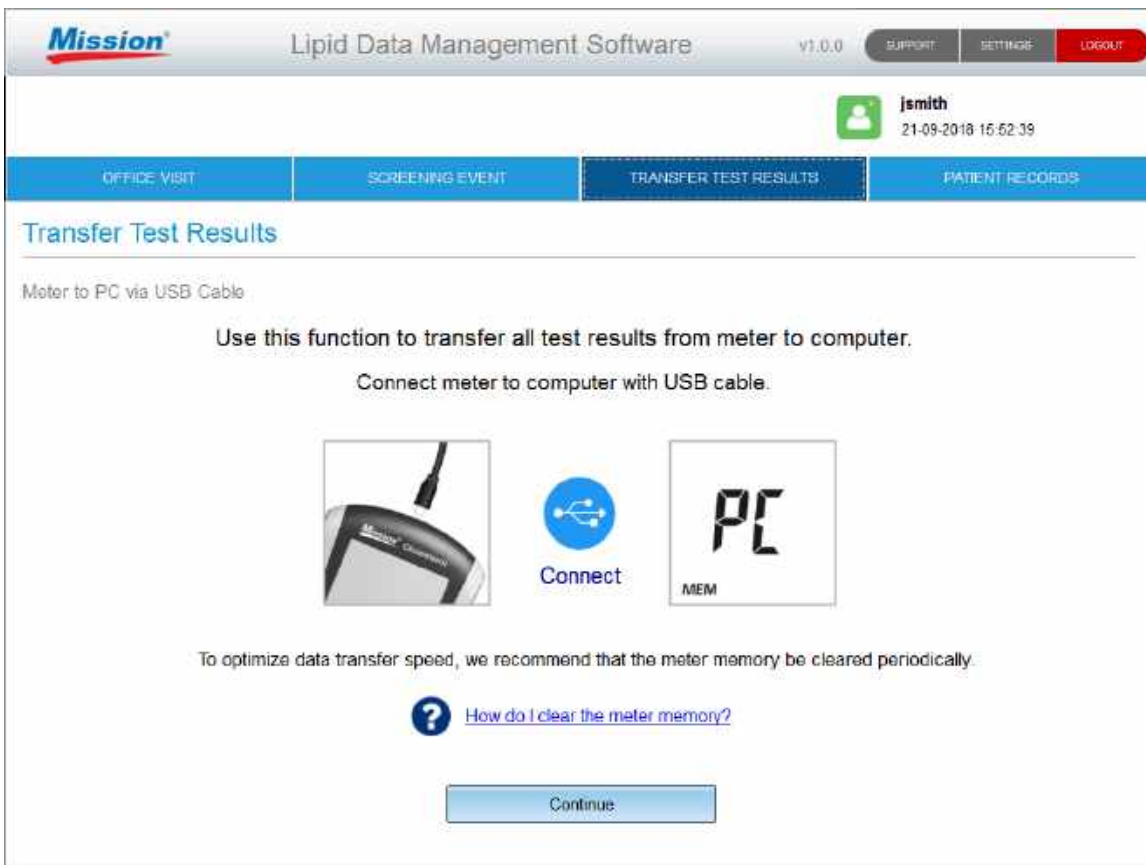
Note: If you plan to use this feature, you must record each person’s name, date of birth and gender in the order in which they are tested. To utilize the report risk calculator, you will need to include the following additional information:

- Height
- Weight
- Blood pressure
- -AND-
- Whether they smoke, have diabetes, are receiving hypertension treatment, or have a family history of premature heart attack (< 45 years old)


(Users outside the US should also record control tests in the order in which they are run.) You will need to refer to this list when assigning test data to the correct patient or control record in the database.


7.1 Perform Bulk Data Transfer

1. Click on the Transfer Test Results button
2. Connect meter to PC (with a USB to mini-USB cable)
3. Click Continue button to start data transmission



Note: Earlier meter versions require manual data transmission. If your meter requires manual transmission, a list of easy instructions will be displayed on your monitor screen after you click the Continue button.


Lipid Data Management Softwarev1.0.0SUPPORTSETTINGSLOGOUT

jsmith21-09-2018 15:52:55


OFFICE VISITSCREENING EVENTTRANSFER TEST RESULTS (Active)PATIENT RECORDS

Transfer Test Results


The version of your meter requires manual prompting.
Follow the steps below to transfer the data from the meter to your PC.

Set


● With the meter turned Off, press and hold center button until Set screen appears.

PC


● Press → button until PC is displayed on meter screen.




● Press center button once to enable the data communication.



● Press center button again to transfer data to the PC.

Exit

● To exit, press the ← button until Exit screen is displayed.



● Press center button once to go to meter testing screen. Press center button again to turn off.

7.2 Assign Test Data to Patient Records

1. Before moving to the next step, open the patient list that was created as each individual/control was being tested. (It **must** be in the same order as the order in which each patient/control was tested.) Use this list as a guide to determine which test record belongs to which patient.

Mission Lipid Data Management Software v1.0.2 SUPPORT SETTINGS LOGOUT

PrimaryAdministrator
13-03-2019 11:06:32

OFFICE VISIT SCREENING EVENT **TRANSFER TEST RESULTS** PATIENT RECORDS

Transfer Test Results

View Test Records

Search Patient

Assign a patient to each test record below or mark as a control.
Use checkbox to select a row.

	Date	Time	Total Chol	HDL	Calc. LDL	Trig	Patient Name	DOB
<input type="checkbox"/>	03-10-2017	09:49	>400mg/dL	19mg/dL	NA	>650mg/dL		
<input type="checkbox"/>	15-02-2018	11:12	<100mg/dL	17mg/dL	NA	101mg/dL		
<input type="checkbox"/>	05-03-2018	15:28	278mg/dL	>100mg/dL	NA	< 45mg/dL		

Exit Save to CSV Print Lock

2. Once the data transfer has been completed, each row of test data will be displayed according to date and time, with oldest first, as shown above. Select the first row by using the checkbox and choose from the following three functions listed below.
 - **Search Patient:** To search for an existing patient record in the patient database, type the patient's name (last, first) into the search box and select the appropriate patient from the drop-down menu. The patient record will open. To assign the highlighted row of test data to the open patient record, click "Save" or "Save and Print Report."
 - **Add New:** If a patient is definitely not in the patient database, click the "Add New" button. A new patient record will open. Complete fields with as much information as is available. To assign the highlighted row of test data to the open patient record, click "Save" or "Save and Print Report."
 - **Mark as Control:** If the test data belongs to a liquid control, click the "Mark as Control" button, which will send the test data to the control solution log. (If you are using a US meter, the controls will be recognized by the software and sent to the control solution log automatically.)

- Each time one of these three functions is performed, the rows of test data will be displayed, along with the name of the patient to which the data has been assigned (or if it has been assigned to the Control Solution Log). Continue assigning rows of test data (from bottom to top) until they have all been assigned.

Note: If the user finds it necessary to step away from the computer while assigning test data to patient records, the session may be locked for security purposes by pressing the “Lock” button at the bottom of the screen. However, if another user logs in while the screen is locked, all unsaved test data will be lost. If this is a possibility, print or save the screen to a CSV file prior to locking the screen. The test data can be re-transferred later.

Mission Lipid Data Management Software V1.0.2 SUPPORT SETTINGS LOGOUT

PrimaryAdministrator 15-03-2019 10:35:52

OFFICE VISIT SCREENING EVENT **TRANSFER TEST RESULTS** PATIENT RECORDS

Transfer Test Results

View Test Records:

Search Patient

Assign a patient to each test record below or mark as a control.
Use checkbox to select a row

	Date	Time	Total Chol	HDL	Calc. LDL	Trig	Patient Name	DOB
<input type="checkbox"/>	03-10-2017	09:49	>10.34mmol/L	0.49mmol/L	NA	>7.34mmol/L	Assigned to Control Log.	
<input type="checkbox"/>	15-02-2018	11:12	<2.89mmol/L	0.44mmol/L	NA	1.14mmol/L	Brown, Mike	01-01-1
<input type="checkbox"/>	05-03-2018	15:28	7.19mmol/L	>2.59mmol/L	NA	<0.51mmol/L	Garcia, Daniel	01-01-1


Exit Save to CSV Print Lock

8. Patient Records

The Patient Records mode provides a quick way to access existing patient records and review past screening events.


8.1 Access Existing Patient Records

Click on the Patient Records button. This will automatically open to the Patient Database tab. To search for a patient record:

- 
Lipid Data Management Software

v1.0.0

SUPPORT
SETTINGS
LOGIN


jsmith
24-09-2018 09:23:32

OFFICE VISIT

SCREENING EVENT

TRANSFER TEST RESULTS


PATIENT RECORDS

Patient Records

Patient Database

Screening Event

All patient records are listed below. Use search box to filter.


Search by Last, First, DOB or ID#

Last Name	First Name	DOB	Patient ID
Brown	Mike	01-01-1970	64987

Lipid Data Management Software

v1.0.0
SUPPORT
SETTINGS
LOGOUT

jsmith
24-09-2018 09:25:07

OFFICE VISIT
SCREENING EVENT
TRANSFER TEST RESULTS
PATIENT RECORDS

Patient Records

Patient Database
Screening Event


All patient records are listed below. Use search box to filter.


01-01-1970

Search by Last, First, DOB or ID#

Last Name	First Name	DOB	Patient ID
Brown	Mike	01-01-1970	64967
Garcia	Daniel	01-01-1970	62879
Lee	Chris	01-01-1970	68888
Lopez	Paul	01-01-1970	61598
Williams	Mark	01-01-1970	61549

- Identify the correct patient in the displayed listing and click on the corresponding row of patient information to open the patient record.


Lipid Data Management Software
v1.0.0
SUPPORT
SETTINGS
LOGOUT



jsmith
24-09-2018 09:25:07

OFFICE VISIT
SCREENING EVENT
TRANSFER TEST RESULTS
PATIENT RECORDS

Patient Records

Patient Database
Screening Event

All patient records are listed below. Use search box to filter.


Search by Last, First, DOB or ID#

Last Name	First Name	DOB	Patient ID
Brown	Mike ←	01-01-1970	64987
Garcia	Daniel	01-01-1970	62879
Lee	Chris	01-01-1970	68888
Lopez	Paul	01-01-1970	61598
Williams	Mark	01-01-1970	61549

- The displayed patient record may be Exported to a CSV file, Saved, or Saved/Printed. Any of these three functions will exit back to the Patient Records, Patient Database tab.

Lipid Data Management Software
v1.0.0

SUPPORT
SETTINGS
LOGOUT

jsmith
24-09-2018 09:33:30

OFFICE VISIT
SCREENING EVENT
TRANSFER TEST RESULTS
PATIENT RECORDS

Patient Records

Patient Database
Screening Event

Existing patient record – Fields may be edited if necessary

* Required

Last Update:
24-09-2018, 09:19:50

* First Name:
Mike

* Last Name:
Brown

Patient ID:
64987

* Date of Birth:
Jan 01 1970

* Gender:
☐ Female ☒ Male

Vitals:

* Height: (cm)
180.0

* Weight: (kg)
75.0

* Blood Pressure: (sys / dia)
100 / 80

* Smoke?
☒ Yes ☐ No

Cancel
Save
Export CSV File
Save and Print Report

- To see a list of all patient records in the database, clear text from the search box and click the search button.
- To exit the Patient Records mode, simply click on any of the tabs in the sub-navigation bar: Office Visit, Screening Event or Transfer Test Results.


8.2 Access Past Screening Events

In the Patient Records mode, click on the Screening Event tab. To search for a past Screening Event:

1. Use Screening Event name and/or Event Date range to search for the desired Screening Event.

The screenshot displays the Mission Lipid Data Management Software interface. At the top, the header includes the Mission logo, the software name, version v1.0.0, and links for SUPPORT, SETTINGS, and LOGOUT. A user profile for 'jsmith' is shown with a timestamp of 21-09-2018 15:56:12. Below the header, a navigation bar contains four tabs: OFFICE VISIT, SCREENING EVENT (which is highlighted), TRANSFER TEST RESULTS, and PATIENT RECORDS. The main content area is titled 'Patient Records' and features two sub-tabs: Patient Database and Screening Event (which is selected). Below these tabs, a message states: 'All screening events are listed below. Use search boxes to filter.' There are two search boxes: 'Name of Screening Event' with the text 'Healthy' and a search icon, and 'Event Date' with a date range selector and a search icon. Below the search boxes is a table with two columns: 'Screening Event' and 'Event Date'. The table contains one entry: 'Healthy Communities Program' with the date '01-01-2018'.

Screening Event	Event Date
Healthy Communities Program	01-01-2018

- 


Lipid Data Management Software

v1.0.0

SUPPORT

SETTINGS

LOGOUT



jsmith

21-09-2018 15:56:12

OFFICE VISIT

SCREENING EVENT

TRANSFER TEST RESULTS

PATIENT RECORDS

Patient Records

Patient Database

Screening Event

All screening events are listed below. Use search boxes to filter.

Name of Screening Event:

Event Date:

Screening Event	Event Date
Healthy Communities Program ←	01-01-2018

- A listing of the event attendees will be displayed in the search window. Each attendee's patient record may be accessed by clicking on the attendee's name.

Mission[®]


Lipid Data Management Software

v1.0.0

SUPPORT

SETTINGS

LOGOUT



jsmith

24-09-2018 09:34:38

OFFICE VISIT

SCREENING EVENT

TRANSFER TEST RESULTS

PATIENT RECORDS

Patient Records

Patient Database

Screening Event

All patients in the screening event Healthy Communities Program

Last Name	First Name	DOB
Brown	Mike	01-01-1970
Garcia	Daniel	01-01-1970
Lee	Chris	01-01-1970
Lopez	Paul	01-01-1970

Exit

- The displayed patient record may be Exported to a CSV file, Saved or Saved/Printed. Any of these three functions will exit back to the list of attendees for that event.

The screenshot displays the 'Mission Lipid Data Management Software' interface. At the top, there is a header bar with the 'Mission' logo, the software name, version 'v1.0.0', and links for 'SUPPORT', 'SETTINGS', and 'LOGOUT'. Below this, a user profile for 'jsmith' is shown with the date and time '24-09-2018 09:37:38'. A navigation bar contains four tabs: 'OFFICE VISIT', 'SCREENING EVENT', 'TRANSFER TEST RESULTS', and 'PATIENT RECORDS'. The 'PATIENT RECORDS' tab is active, leading to a 'Patient Records' section. Within this section, there are two sub-tabs: 'Patient Database' and 'Screening Event'. A green checkmark icon and a message state: 'Existing patient record – Fields may be edited if necessary'. The form contains several fields: 'Last Update' (24-09-2018, 09:19:50), 'First Name' (Mike), 'Last Name' (Brown), 'Patient ID' (64987), 'Date of Birth' (Jan 01 1970), 'Gender' (Male), 'Vitals' (Height: 180.0 cm, Weight: 75.0 kg, Blood Pressure: 100 / 80), and 'Smoke?' (No). At the bottom, there are four buttons: 'Cancel', 'Save', 'Export CSV File', and 'Save and Print Report'.

- To exit the Patient Records mode, simply click on any of the tabs in the sub-navigation bar: Office Visit, Screening Event or Transfer Test Results.

9. Computer Security

For the security of your patient data, the Mission Lipid Data Management Software provides the following features:

- Encrypted stored patient data
- Automatic time-out after 20-minutes of inactivity
- Password-protected login