



MEDICS

(MI² Encrypted Data Information Collection System)

Portable Data Entry Application

Users Guide

Overview

MEDICS is designed to allow quick and easy entry and collection of patient health information, usually in the patient's home. The system stores local patient records encrypted using a local private / public encryption key pair. Users may add records manually, or import them from files supplied by the insurance carrier or other sources.

Users will export local records to an outgoing directory, which will render the records unavailable to the local user by deleting the local copy, and storing a copy encrypted using a remote server's public encryption key in an outgoing directory.

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Installing & Configuring MEDICS

MEDICS Portable Data Entry Application is configured and ready to run on the provided USB Flash device.

If you wish to install MEDICS on a local computer browse to the USB Flash drive and double-click the file '**medics_b[##]_install.exe**'. Select the destination folder when prompted, and click **Install**.

A window will pop up, prompting you to create a user name and password. It will also ask you to enter the server public key ID which is has been provided separately. Click **Next**. *Note: The user name, password and the server public key ID are case sensitive.*

Next you will be prompted to locate the server's public key which can be found under '**medics\keystoredir\pub_key_[XXXXX].txt**' on the USB Flash device. *Note: The actual name of the file will be similar to the server key ID.* Click **Open**. You will then have to wait a short time while the program generates your new private / public encryption key pair.

You will also be prompted to set up a '**\backup**' directory in which copies of the active records will be stored. It is recommended that you select a folder on your local hard drive so that you will still have access to patients' records in the event that you misplace the USB flash device. Because exported files are deleted from the '**\backup**' directory, it is also recommended that you wait to export completed patient records until you are ready to send them, for this same reason.

The MEDICS program writes to two separate folders in which patient records are stored: a '**\work**' directory, where active records are stored as XML files encrypted with the user's public key, and an '**\outgoing**' directory, in which exported records are saved before being sent out for processing. The program is configured with existing default locations for these folders. However, if you are installing the program on your local machine, or the USB flash device has been mapped to a non-standard drive letter, the first time you run the MEDICS program you may be prompted to create or select the location of a new '**\work**' directory.

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Running the Program

Under the '[x]:\medics' directory, a batch file '**medics.bat**' can be executed to launch the application. If you are using the preconfigured version of MEDICS, on most systems, XP will automatically open a window soon after you insert the USB Flash drive, where the first option is to '**Start MEDICS**'.

Enter your user name and password to log into the system when prompted. Press the **Login** button and the application will launch on to an empty screen containing menu items as follows: **Records, Tools, Help**

To start entering data select **Records > New Record** or press **Ctrl+N**. This will display a set of screens contained in tabs that divide the information needed into logical sections in the order of a normal health screening process.

Data Entry Overview

See *Appendix A* for a screen shot of each tab, illustrating the placement and text of each field. These represent the set of questions end-users are engaged with during usage of the MEDICS program.

The **Demographics** tab will contain patient demographic and identifying information, such as Name, Address, and Contact Information as well as a place to record the patient's insurance company, primary care physician information and examining provider's information.

The **Family History** tab will contain pertinent medical information of patient family members and the patient's "life style".

The **Medical History** tab will contain notes related to the patient's medical history, such as a record of allergies or surgeries undergone.

The **Medications** tabs (1 and 2) will contain a detailed record of up to 20 current medications being taken by the patient.

The **Preventative History** tab will contain the dates and results of screening exams and procedures undergone by the patient.


The **SOAP: Patient Perceptions** tab will contain a subjective record of the patient's perceptions regarding various typical systems.

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The **SOAP: Vitals, Etc** tab will contain a detailed objective record of the patient's vital information, such as Weight, Height, Pulse, and BMI measurements.

The **SOAP: Assessment/Treatment** tab contains sections for notes on the assessment of the patient's health and suggested treatment plans.

The **ICD-9** tab will contain specific records of any ICD-9 codes associated with the patient that are current and, potentially, any historical diagnosis of interest.

*Note: ICD-9 codes are now fully search able by using the  button to open the **Code Search Window**. Typing any 3-digit code into the search window will bring up a list of valid ICD-9 codes which you can select by clicking the '>' button next to the desired code. You can also simply type a code directly into the 'ICD-9' field, and the code description will be filled in for you. The **Help** menu also contains a list of common diagnoses and their corresponding ICD-9 codes in PDF format, named '**Coding_Reference**'.*

The **Billable Actions** tab will contain the date of service for this exam as well as the codes for any additional services that should be billed. It also has a place for follow-up notes and the provider's employer (Service Clinic).

The following fields are required before exporting a patient record:

- **Insurance Company**
- **Member ID**
- **Eff. Date of Ins.**
- **Patient's Last & First Name**
- **HIPPA Notice Given**
- **Examining Provider's NP ID, Last & First Name**
- **HCFA ICD9 1 Code** (defaulted to 'V70.0')
- **Diag Status 1** (defaulted to 'Current')
- **Service From Date**
- **Service Thru Date**
- **CPT 1 Code** (defaulted to '99345')
- **Service Clinic Name, Address etc.** (defaults provided)

All required fields (and any tabs that contain required fields) are indicated by *italic* text and an asterisk: *

*Note: Date fields (except for those in the **Preventative History** tab) use the following format: **MM-DD-YYYY** If the date, or other formatted data such as '**SSN**', is entered incorrectly, the field will be cleared. Also, using the **DEL** key in formatted fields leaves blank spaces, rather than pulling in the right side of the text. It is recommended that you use **Backspace** instead.*

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User Interface and Work Flow

The MEDICS Portable Data Entry Application window will present a main drop-down menu, located in the standard upper-left quadrant.

The **Records** drop-down menu will contain basic patient record options.

The **New Record** menu item will create a new, blank record.

The **Edit Record** menu item will present a screen with a list of all active patient records, and allow the user to perform the following actions on them:

Edit opens the selected record and allows you to view and make changes to it.

Delete just deletes the work file from disk.

Export will save a gpg-encrypted version of the record, using the server public-key, to the selected '**outgoing**' directory and delete the local copy. All exported records will use the MEDICS XML format, with the file extension '**.pgp**'. The client will not be able to access or decrypt exported records. *Note: All required fields must be completed before a record can be exported. Incomplete records will have their '**export**' button grayed out*

The **Save Record** menu item will save the currently open patient record to the MEDICS XML file format. The system will encrypt the XML document using the local gpg key, and store the encrypted record in the '**work**' directory. The local naming convention used will be:

[last name]-[first name]-[member id]

If a record already exists in the '**work**' folder with the same [derived] name, the file will be overwritten. The application will not make any attempt to preserve multiple historical copies of patient records.

The **Quit** menu item will exit the application, alerting the user that any unsaved data will be lost.

The **Tools** drop-down menu includes the following options:

The **Import Records** option will contain utilities for importing patient demographic data into the system that has been encrypted using the local user's public encryption key. Invoking the menu item will present a dialog allowing the

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user to browse to, and select a file containing multiple patient records located on the local file system.

The **Batch Export Records** option creates encrypted copies of all records in the work folder, and compresses them into a single .zip file for convenient upload to the server. *Note: All required fields must be completed before a record can be exported. All records in the 'work' folder must be completed to execute the batch export function.*

The **Change Outgoing Directory** option allows the user to select which folder to save exported patient records to. The default location is '[x]:\medics\outgoing'

The **Change Backup Directory** option allows the user to choose the folder in which backup copies of patient records will be saved. The default location is '[x]:\medics\backup' though it is recommended that you change the default to a directory on your local hard drive.

The **Help** drop-down menu contains information about the MEDICS program and other helpful documents. Viewable with MEDICS' built in PDF viewer, the help menu will provide the user with a list of any PDF documents contained in the '[x]:\medics\docs' folder, including the **MEDICS Users Guide**, **HIPPA Privacy Notification** documents, and the **ICD9 Coding Reference**.

Keyboard Shortcuts

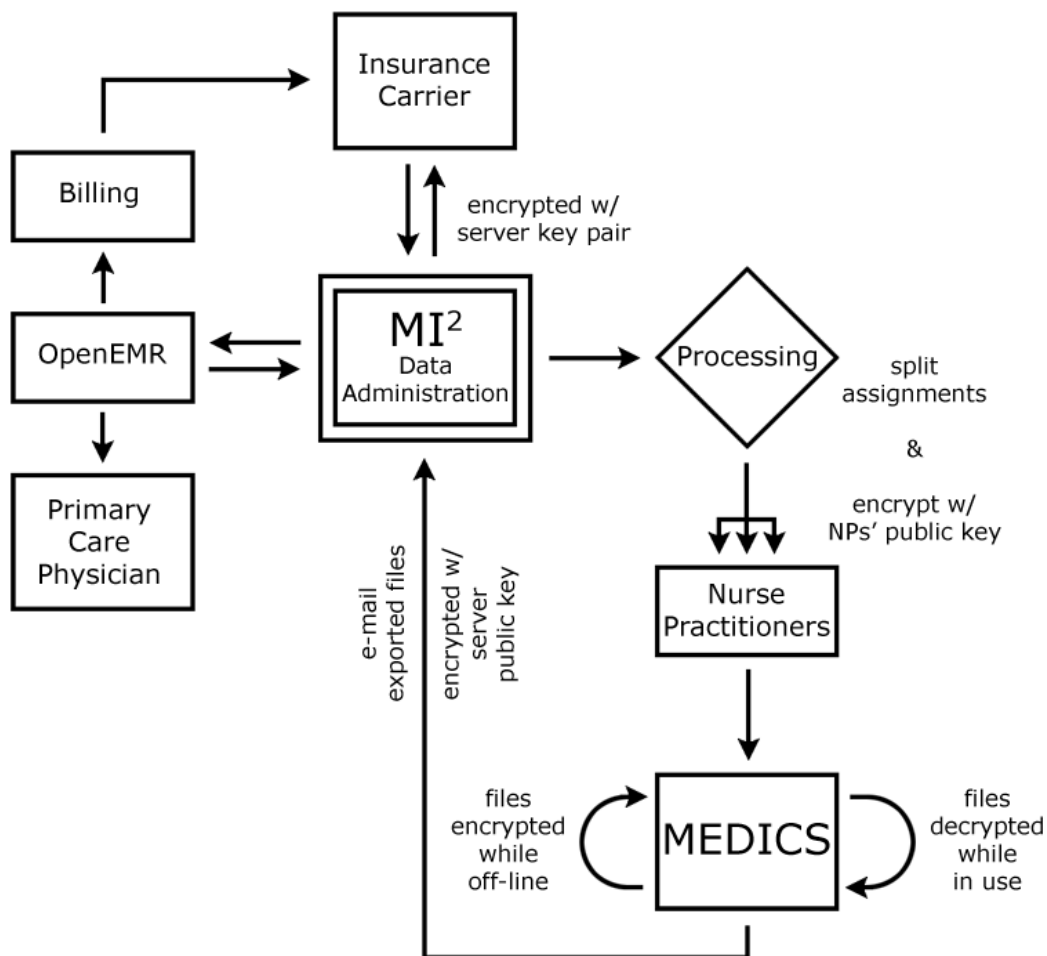
The system is designed to allow you to use just the keyboard for faster data entry. The mouse will (of course) always work, but it may not be as convenient or quick. The following keystrokes will allow you to move around through out the application and perform various, needed actions.

- **Ctrl+N** – Starts a new record for data entry.
- **Ctrl+E** – Opens the selection screen to choose an existing record to edit.
- **Ctrl+S** – Saves the current record.
- **Ctrl+I** – Opens the import records dialog to select a data set to import.
- **Ctrl+X** – Executes the batch export function.
- **Ctrl+O** – Opens the change outgoing directory dialog to select a new folder
- **Ctrl+B** – Opens the change backup directory dialog to select a new folder
- **Ctrl+Q** – Quits MEDICS entirely.
- **Tab Key** – The Tab key will move the cursor from the current data entry field it is in to the next field. If the cursor is in the last field on a screen the current screen tab will be highlighted.
- **Arrow keys** – Left and Right arrows will move from the current tab section to the next or previous if one if the tab is highlight.

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MEDICS Data Flow

MEDICS Portable Data Entry Application is a fully HIPPA compliant data collection tool. Patient information is protected at all times by PGP encryption on both the user's end and the remote server's using private / public encryption key pairs. Medical Information Integration (MI²) acts as a server for the client (the insurance carrier), and performs all necessary data administration and processing functions. In order for the user to perform the necessary import and export functions in MEDICS, it is helpful to understand how data is handled outside the MEDICS program.



Patient records originate from the Insurance Carrier. Before the data collection process can begin, MI² must decrypt the information from the Insurance Carriers and convert it to the MEDICS XML format. MI² will also split the records based on location and assign them to the appropriate Nurse Practitioner (the user). Patient records will then be encrypted with the user's public key and sent to the user via e-mail, so that they can be imported into the program.

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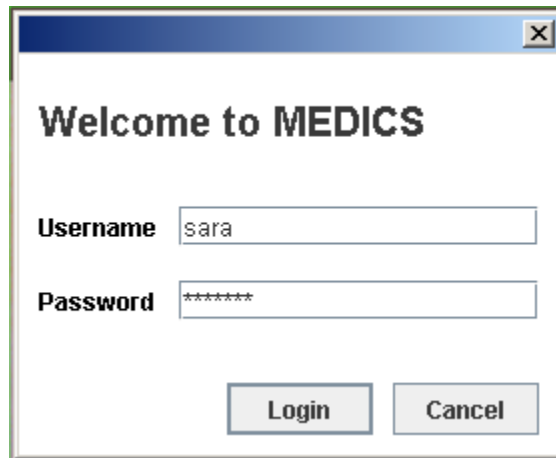
The MEDICS user is responsible for patient records during the data collection process. Patient information may be provided for import into the program (as described above) or it can be entered manually during a routine visit. The MEDICS program is designed so that patient records are encrypted with the user's private / public key pair at all times. When you select a record to edit, MEDICS will decrypt the file so that the user may view or make modifications to it. Once you have saved the file, or returned to the records screen, the file is encrypted again. *Note: Stored patient records are unreadable by third-parties without access to the user's private key and / or the MEDICS program and the user's login & password.*

Once the data collection process is complete, the patient records must be exported. Once a file is exported it is encrypted by the MEDICS program using the remote server's public key, and is no longer viewable by the user. The user will then need to take the exported records (located in the '**outgoing**' directory) and send them to the server, via e-mail. Once received, MI² will again decrypt the records and import them into OpenEMR for processing / billing and transmit updated patient records to the Insurance Carriers and well as the patient's Primary Care Physician.

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Appendix A – Screen Shots

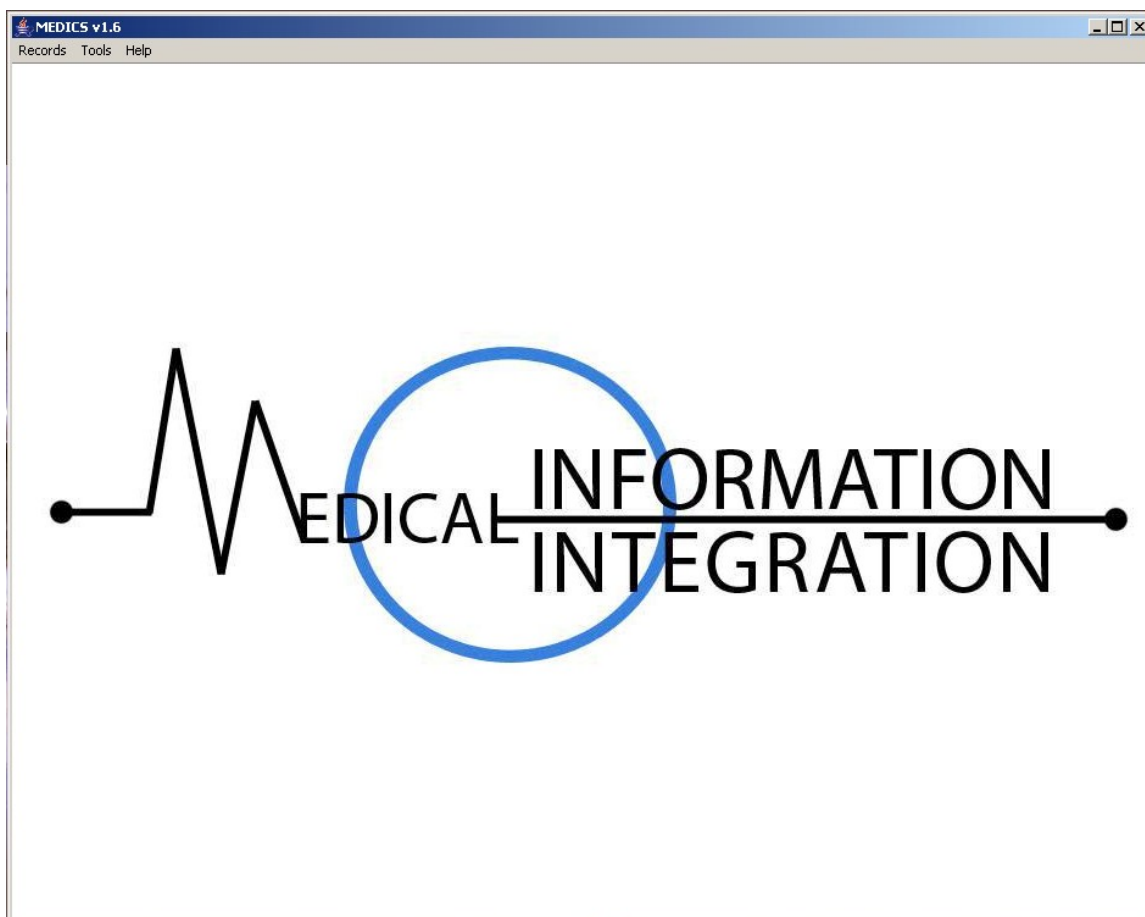
MEDICS Portable Data Entry Application Login



The screenshot shows a login window titled "Welcome to MEDICS". It contains two input fields: "Username" with the text "sara" and "Password" with masked characters "*****". Below the fields are two buttons: "Login" and "Cancel". The window has a standard Windows-style title bar with a close button (X) in the top right corner.

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Main Window



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Edit Records Screen

Edit	Delete	Export	Record Name
Edit	Delete	Export	Darling-Wendy-135
Edit	Delete	Export	Gump-Forrest-132
Edit	Delete	Export	Harker-Mina-131
Edit	Delete	Export	Keaton-Buster-133
Edit	Delete	Export	Melville-Herman-134
Edit	Delete	Export	Ohara-Scarlet-130

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Demographics Tab

MEDICS v1.6 [Records Tools Help]

Preventive History SOAP: Patient Percp. SOAP: Vitals, Etc. SOAP: Assessment/Treatment *ICD9 *Billable Actions

***Demographics** Family/General History Medical History Meds 1/2 Meds 2/2

Identifying Information	HIPAA Compliance
*Insurance Company: WellCare	*HIPAA Notice Given: Y
*Member ID: 12345	
*Eff Date of Ins: _/ _/ _	
SSN: _- _- _	
*Last Name: Healthy	
*First Name: Ima	
Middle Initial: _	
Gender: _	
Date of Birth: _/ _/ _	
Ethnicity: _	

Primary Care Physician	Examining Provider
ID: _	*NPI ID: 98765
Last Name: _	*Last Name: Green
First Name: _	*First Name: Gracie
	Other Info: <div></div>

Contact Information
Address 1: _
Address 2: _
City: _
State: TX
Zip: _
Primary Phone: () _- _
Alternate Phone: () _- _

New Record

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Family History Tab

The screenshot displays the MEDICS v1.6 software interface. At the top, a menu bar includes 'Records', 'Tools', and 'Help'. Below this is a series of tabs: 'Preventive History', 'SOAP: Patient Perop.', 'SOAP: Vitals, Etc.', 'SOAP: Assessment/Treatment', '*CD9', '*Billable Actions', '*Demographics', 'Family/General History' (which is the active tab), 'Medical History', 'Meds 1/2', and 'Meds 2/2'. The main content area is divided into three sections. The 'Family Information' section on the left contains text boxes for 'Father:', 'Mother:', 'Spouse:', 'Siblings:', 'Offspring:', and a section titled 'Indicate relatives with/who have experienced:' with boxes for 'Cancer:', 'Tuberculosis:', 'Diabetes:', 'High Blood Pressure:', 'Heart Problems:', 'Stroke:', 'Epilepsy:', 'Mental Illness:', and 'Suicide:'. The 'Lifestyle Information' section on the right is titled 'Indicate lifestyle usage:' and includes boxes for 'Coffee:', 'Tobacco:', 'Alcohol:', 'Sleep Patterns:', 'Exercise Patterns:', 'Seatbelt Usage:', 'Counseling:', and 'Hazardous Activities:'. A 'General Notes' section on the right features a large, empty text box. At the bottom left of the window, there is a 'New Record' button.

MEDICS v1.6

Records Tools Help

Preventive History SOAP: Patient Perop. SOAP: Vitals, Etc. SOAP: Assessment/Treatment *CD9 *Billable Actions *Demographics **Family/General History** Medical History Meds 1/2 Meds 2/2

Family Information

Father:

Mother:

Spouse:

Siblings:

Offspring:

Indicate relatives with/who have experienced:

Cancer:

Tuberculosis:

Diabetes:

High Blood Pressure:

Heart Problems:

Stroke:

Epilepsy:

Mental Illness:

Suicide:

Lifestyle Information

Indicate lifestyle usage:

Coffee:

Tobacco:

Alcohol:

Sleep Patterns:

Exercise Patterns:

Seatbelt Usage:

Counseling:

Hazardous Activities:

General Notes

New Record

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Medical History Tab

The screenshot displays the MEDICS v1.6 software interface. At the top is a menu bar with 'Records', 'Tools', and 'Help'. Below this is a series of tabs: 'Preventive History', 'SOAP: Patient Perc.', 'SOAP: Vitals, Etc.', 'SOAP: Assessment/Treatment', '*CD9', '*Billable Actions', '*Demographics', 'Family/General History', 'Medical History' (which is highlighted in blue), 'Meds 1/2', and 'Meds 2/2'. The main content area is a large, light gray rectangle. On the left side of this area, there are four labeled text input fields: 'Medication Notes:', 'Allergies:', 'Medical History:', and 'Surgical History:'. Each label is followed by a white rectangular box for text entry. At the bottom left of the window, there is a 'New Record' button.

MEDICS v1.6
Records Tools Help

Preventive History SOAP: Patient Perc. SOAP: Vitals, Etc. SOAP: Assessment/Treatment *CD9 *Billable Actions
*Demographics Family/General History **Medical History** Meds 1/2 Meds 2/2

Medication Notes:

Allergies:

Medical History:

Surgical History:

New Record

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Medications Tabs (only one of two shown)

MEDICS v1.6

Records Tools Help

Preventive History SOAP: Patient Percp. SOAP: Vitals, Etc. SOAP: Assessment/Treatment *ICD9 *Billable Actions

*Demographics Family/General History Medical History **Meds 1/2** Meds 2/2

Medication 1:	Medication 6:
Name <input type="text"/>	Name <input type="text"/>
Dosage <input type="text"/>	Dosage <input type="text"/>
Frequency <input type="text"/>	Frequency <input type="text"/>
Duration <input type="text"/>	Duration <input type="text"/>
Medication 2:	Medication 7:
Name <input type="text"/>	Name <input type="text"/>
Dosage <input type="text"/>	Dosage <input type="text"/>
Frequency <input type="text"/>	Frequency <input type="text"/>
Duration <input type="text"/>	Duration <input type="text"/>
Medication 3:	Medication 8:
Name <input type="text"/>	Name <input type="text"/>
Dosage <input type="text"/>	Dosage <input type="text"/>
Frequency <input type="text"/>	Frequency <input type="text"/>
Duration <input type="text"/>	Duration <input type="text"/>
Medication 4:	Medication 9:
Name <input type="text"/>	Name <input type="text"/>
Dosage <input type="text"/>	Dosage <input type="text"/>
Frequency <input type="text"/>	Frequency <input type="text"/>
Duration <input type="text"/>	Duration <input type="text"/>
Medication 5:	Medication 10:
Name <input type="text"/>	Name <input type="text"/>
Dosage <input type="text"/>	Dosage <input type="text"/>
Frequency <input type="text"/>	Frequency <input type="text"/>
Duration <input type="text"/>	Duration <input type="text"/>

New Record

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Preventative History Tab

MEDICS v1.6 [Records] [Tools] [Help]

Preventative History | SOAP: Patient Percp. | SOAP: Vitals, Etc. | SOAP: Assessment/Treatment | *ICD9 | *Billable Actions

*Demographics | Family/General History | Medical History | Meds 1/2 | Meds 2/2

Breast Examination Date: <input type="text"/> Result: <input type="text"/>	Sigmoid/Colonoscopy Date: <input type="text"/> Result: <input type="text"/>
Cardiac Echo Date: <input type="text"/> Result: <input type="text"/>	Retinal Eye Examination Date: <input type="text"/> Result: <input type="text"/>
ECG Date: <input type="text"/> Result: <input type="text"/>	FluVax Date: <input type="text"/> Result: <input type="text"/>
Gynecological Examination Date: <input type="text"/> Result: <input type="text"/>	PneumoVax Date: <input type="text"/> Result: <input type="text"/>
Mammogram Date: <input type="text"/> Result: <input type="text"/>	LDL-C Screening Date: <input type="text"/> Result: <input type="text"/>
Physical Examination Date: <input type="text"/> Result: <input type="text"/>	Hemoglobin A1C Date: <input type="text"/> Result: <input type="text"/>
Prostate Examination Date: <input type="text"/> Result: <input type="text"/>	PSA Date: <input type="text"/> Result: <input type="text"/>
Rectal Examination Date: <input type="text"/> Result: <input type="text"/>	Other Name: <input type="text"/> Date: <input type="text"/> Result: <input type="text"/>

New Record

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SOAP 1: Perceptions (Subjective Data) Tab

The screenshot shows the MEDICS v1.6 application window. The title bar reads "MEDICS v1.6". Below the title bar is a menu bar with "Records", "Tools", and "Help". A tabbed interface is present with the following tabs: "Preventive History", "SOAP: Patient Perc." (which is the active tab), "SOAP: Vitals, Etc.", "SOAP: Assessment/Treatment", "*CD9", and "*Billable Actions". Below these are sub-tabs: "*Demographics", "Family/General History", "Medical History", "Meds 1/2", and "Meds 2/2". The main content area is titled "SOAP Notes - Subjective" and is divided into two columns. The left column contains sections for "General:", "Neurological:", "HEENT:", "Respiratory:", and "Cardio-vascular:", each with a list of symptoms and a text input field. The right column contains sections for "Gastro-intestinal:", "Skin:", and "Extremities:", each with a list of symptoms and a text input field. At the bottom left of the window is a "New Record" button.

MEDICS v1.6

Records Tools Help

Preventive History **SOAP: Patient Perc.** SOAP: Vitals, Etc. SOAP: Assessment/Treatment *CD9 *Billable Actions

*Demographics Family/General History Medical History Meds 1/2 Meds 2/2

SOAP Notes - Subjective

General:
Fever, chills, malaise, body aches, fatigue, loss of appetite, wt loss

Neurological:
LOC, dizziness, vertigo, numbness tingling.

HEENT:
Eye, ear, nose and throat concerns.

Respiratory:
Cough, shortness of breath, wheezing, rhonchi.

Cardio-vascular:
Chest pain, non-cardiac chest pain, irregular heartbeat, palpitations, peripheral edema

Gastro-intestinal:
Abdominal pain, tenderness, cramping, nausea, vomiting, diarrhea, constipation, discharge, dysuria

Skin:
Rashes, ulcers, nodules, abscesses

Extremities:
Joints, deformity, mobility

New Record

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SOAP: Vitals, Etc (Objective Data) Tab

The screenshot displays the MEDICS v1.6 application window. The title bar reads "MEDICS v1.6". Below the title bar is a menu bar with "Records", "Tools", and "Help". A tabbed interface is present with the following tabs: "Preventive History", "SOAP: Patient Percp.", "SOAP: Vitals, Etc." (which is the active tab), "SOAP: Assessment/Treatment", "*CD9", and "*Billable Actions". Below these tabs is another set of tabs: "*Demographics", "Family/General History", "Medical History", "Meds 1/2", and "Meds 2/2". The main content area is titled "SOAP Notes - Objective" and contains two columns of input fields. The left column includes fields for "Mental Status:", "BPS:", "BPS Note:", "Bpd:", "BPD Note:", "Weight:", "Weight Note:", "Height:", "Height Note:", "Temperature:", "Temp Methods:", and "Temperature Note:". The right column includes fields for "Pulse:", "Pulse Note:", "Respiration:", "Respiration Note:", "BMI:", "BMI Note:", "Waist Circ:", "Waist Circ Note:", "Head Circ:", "Head Circ Note:", "O2 Sat:", and "O2 Sat Note:". At the bottom left of the window, there is a "New Record" button.

MEDICS v1.6

Records Tools Help

Preventive History SOAP: Patient Percp. **SOAP: Vitals, Etc.** SOAP: Assessment/Treatment *CD9 *Billable Actions

*Demographics Family/General History Medical History Meds 1/2 Meds 2/2

SOAP Notes - Objective

Mental Status:	<input type="text"/>	Pulse:	<input type="text"/>
BPS:	<input type="text"/>	Pulse Note:	<input type="text"/>
BPS Note:	<input type="text"/>	Respiration:	<input type="text"/>
Bpd:	<input type="text"/>	Respiration Note:	<input type="text"/>
BPD Note:	<input type="text"/>	BMI:	<input type="text"/>
Weight:	<input type="text"/>	BMI Note:	<input type="text"/>
Weight Note:	<input type="text"/>	Waist Circ:	<input type="text"/>
Height:	<input type="text"/>	Waist Circ Note:	<input type="text"/>
Height Note:	<input type="text"/>	Head Circ:	<input type="text"/>
Temperature:	<input type="text"/>	Head Circ Note:	<input type="text"/>
Temp Methods:	<input type="text"/>	O2 Sat:	<input type="text"/>
Temperature Note:	<input type="text"/>	O2 Sat Note:	<input type="text"/>

New Record

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SOAP: Assessment/Treatment Tab

The screenshot displays the MEDICS v1.6 software interface. At the top, a menu bar includes 'Records', 'Tools', and 'Help'. Below this is a series of tabs: 'Preventive History', 'SOAP: Patient Percp.', 'SOAP: Vitals, Etc.', 'SOAP: Assessment/Treatment' (which is the active tab), '*ICD9', and '*Billable Actions'. Under the 'SOAP: Assessment/Treatment' tab, there are sub-tabs: '*Demographics', 'Family/General History', 'Medical History', 'Meds 1/2', and 'Meds 2/2'. The main content area is divided into three sections: 'Assessment' (top left), 'Referral Plan' (top right), and 'Treatment Plan' (bottom left). Each section contains a large, empty white rectangular box for data entry. The bottom of the window features a 'New Record' button.

MEDICS v1.6

Records Tools Help

Preventive History SOAP: Patient Percp. SOAP: Vitals, Etc. **SOAP: Assessment/Treatment** *ICD9 *Billable Actions

*Demographics Family/General History Medical History Meds 1/2 Meds 2/2

Assessment

Referral Plan

Treatment Plan

New Record

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ICD9 (Diagnosis) Tab

MEDICS v1.6
Records Tools Help

Preventive History SOAP: Patient Percp. SOAP: Vitals, Etc. SOAP: Assessment/Treatment ***ICD9** *Billable Actions

*Demographics Family/General History Medical History Meds 1/2 Meds 2/2

ICD9 Diagnosis Codes for HCFA 1500

*HCFA ICD9 1: V70.0
Diag Deso 1:
*Diag Status 1: Current
HCFA ICD9 2:
Diag Deso 2:
Diag Status 2:
HCFA ICD9 3:
Diag Deso 3:
Diag Status 3:
HCFA ICD9 4:
Diag Deso 4:
Diag Status 4:

ICD9 Diagnosis Codes (History/Other)

ICD9 5:
Diag Deso 5:
Diag Status 5:
ICD9 6:
Diag Deso 6:
Diag Status 6:
ICD9 7:
Diag Deso 7:
Diag Status 7:

ICD9 8:
Diag Deso 8:
Diag Status 8:
ICD9 9:
Diag Deso 9:
Diag Status 9:
ICD9 10:
Diag Deso 10:
Diag Status 10:
ICD9 11:
Diag Deso 11:
Diag Status 11:
ICD9 12:
Diag Deso 12:
Diag Status 12:
ICD9 13:
Diag Deso 13:
Diag Status 13:
ICD9 14:
Diag Deso 14:
Diag Status 14:
ICD9 15:
Diag Deso 15:
Diag Status 15:

New Record

Billable Actions Tab

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MEDICS v1.6 [Window Title Bar]

Records Tools Help

Preventive History SOAP: Patient Percp. SOAP: Vitals, Etc. SOAP: Assessment/Treatment *ICD9 *Billable Actions

*Demographics Family/General History Medical History Meds 1/2 Meds 2/2

Billable Activities and Other follow up actions

CPT Coded services

*Service From Date:

*Service Thru Date:

*CPT 1:

CPT Desc 1:

CPT 2:

CPT Desc 2:

CPT 3:

CPT Desc 3:

CPT 4:

CPT Desc 4:

CPT 5:

CPT Desc 5:

CPT 6:

CPT Desc 6:

CPT 7:

CPT Desc 7:

CPT 8:

CPT Desc 8:

Followup Notes

Service Clinic Information

*Clinic ID:

*Clinic Name:

*Address 1:

Address 2:

*City:

*State:

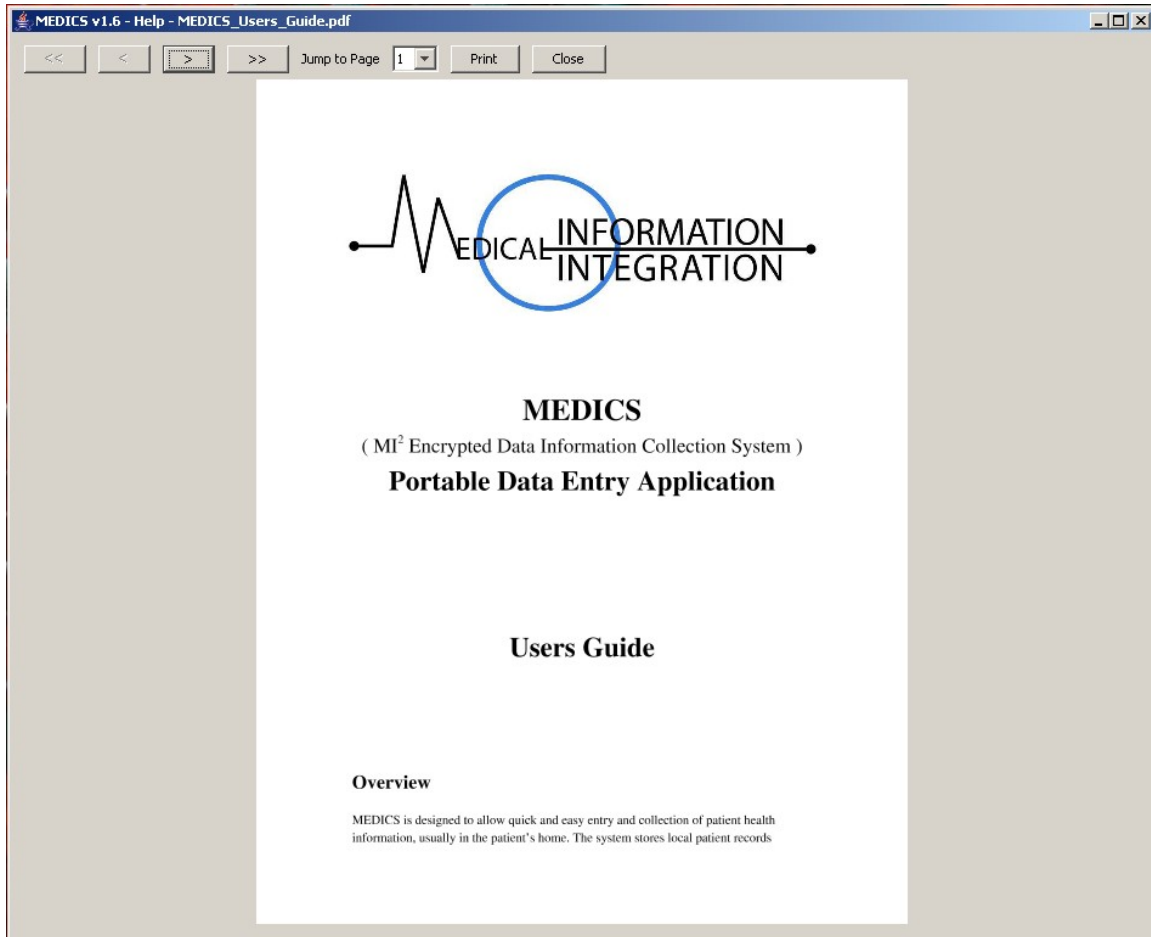
*Zip:

*Primary Phone:

New Record

MEDICS Users Guide

PDF Viewer



MEDICS Users Guide

ICD9 & CPT Code Search Window

Demographics Family/General History Medical

ICD9 Diagnosis Codes for HCFA 1500

ICD9 8:

*HCFA ICD9 1:

Diag Desc 1:

*Diag Status 1:

HCFA ICD9 2:

Diag Desc 2:

Diag Status 2:

HCFA ICD9 3:

Diag Desc 3:

Diag Status 3:

HCFA ICD9 4:

Diag Desc 4:

Diag Status 4:

ICD9 Diagnosis Codes (History/On)

ICD9 5:

Diag Desc 5:

Diag Status 5:

ICD9 6:

Diag Desc 6:

ICD9 7:

Diag Desc 7:

ICD9 8:

Diag Desc 8:

Diag Status 8:

ICD9 9:

Diag Desc 9:

Diag Status 9:

ICD9 10:

Diag Desc 10:

Diag Status 10:

ICD9 11:

Diag Desc 11:

Diag Status 11:

ICD9 12:

Diag Desc 12:

Diag Status 12:

ICD9 13:

Diag Desc 13:

Diag Status 13:

ICD9 14:

Diag Desc 14:

Diag Status 14:

HCFA ICD9 1:

Search:

- > V70.0 : ROUTINE MEDICAL EXAM
- > V70.1 : PSYCH EXAM-AUTHORITY REQ
- > V70.2 : GEN PSYCHIATRIC EXAM NEC
- > V70.3 : MED EXAM NEC-ADMIN PURP
- > V70.4 : EXAM-MEDICOLEGAL REASONS
- > V70.5 : HEALTH EXAM-GROUP SURVEY
- > V70.6 : HEALTH EXAM-POP SURVEY
- > V70.7 : EXAM-CLINICAL TRIAL
- > V70.8 : GENERAL MEDICAL EXAM NEC
- > V70.9 : GENERAL MEDICAL EXAM NOS

Appendix B – Import and Export Data Structure

See: [x]:medics\conf\blank_pt.xml

See: [x]:medics\conf\import_defs.ini

Appendix C – Release Notes & Known Issues

v1.5 Release Notes:

- Added selection list field that identifies Insurance Co., Bravo or WellCare.
- Repaired upgrade, so that installer can now be pointed to existing MEDICS install without overwriting config.ini.
- Batch export via zip, or combining the individual XMLs into one batch XML now supported, all files placed in a date stamped ZIP is the default.
- Dates in Preventative History fields changed to plain text.
- All missing required fields OK to save but not OK to export.
- Updated validation pop ups (save patient, import patient, batch export), improving formatting and usability.

v1.6 Release Notes:

- Required Fields are 'Starred' and TAB that contain required fields are also 'Starred'
- Help files (any PDF) are now accessible from the 'Help' Menu
- New Note Fields for each measurement (temp/bpm/etc) in Objective SOAP TAB
- New General Notes field on History TAB
- New Effective Date Field for coverage
- New HIPAA Notice Given indication field and Notice is a PDF in the Help menu
- User's Guide and Bravo Coding Guide are available in the Help Menu
- User/Systems actions have better/more notification dialog boxes
- All formatted fields have visible character masks so it's easier to tell what's required (ie: _ _ _ . _)
- Diagnosis Codes are all on-line, validated and search able.
 - Ability to jump to the search TAB/window from a button (magnifier)

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- Check box or button in search TAB/window populates the field the user jumped from with ICD9 code and displays the description.
- Typing the a code directly in a IDC9 field validates it and displays the description or a error message if not found

Known Issues:

- Saving records without patient name or ID# - MEDICS allows users to save a file without filling out all required fields, however, if the first name, last name, and patient ID fields are left blank, the file with be saved as 'empty-empty-empty' (using the naming convention 'fname-lname-ID#') It is recommended that you make sure all three of those fields are complete before you save a new record.
- Delete key malfunction in formatted fields – Using the **DEL** key in formatted fields, such as 'date' or 'SSN', leaves blank spaces rather than pulling in the right side of the text. It is recommended that you use **Backspace** instead.