



"We Care Because We Know You Care"

My Home eHealth Monitoring System

The My Home eHealth Monitoring System connects patients with care providers from the convenience of their homes. In fact, with usage of wearables and the systems Mobile Platform, they are continuously connected outside of the home. The system is supported by one of the most comprehensive integrated patient health records systems of it's kind with the ability to present a patients virtual lifetime medical history including imaging to every care provider. Better data makes for more informed decisions and healthier patients. The system provides multiple solutions for patient/care provider interactions to include: HD Video/Audio, text messaging and manual/automated clinical protocols, assessments and questionnaires. The system involves six different solutions, five are software based and the sixth is hardware based. **Lets take a look at what the total system looks like.....**

Software-based Solutions

- **My Home eHealth APP** (PC, IOS and Android) - This software based APP serves as the main user interface. The APP includes the following attributes:
 - Vital Sign Monitoring of: Blood Pressure, Spo2, Glucose, Temperature, ECG, Spirometer, Weight and Fall Detection with Data List and Graphical Trending User Screens.
 - Automated Alerts (audible and visual), text and email on when the user is scheduled to take their reading(s).
 - Automated reminders on when user should take their medications (as established by user's My eMHR)
 - Automated Disease Management Protocols (DMP's) in the form of patient/disease specific Assessment and Questionnaires triggered by threshold alert(s) on any given vital parameter as established by their remote care provider.
 - Notification of care provider responses to patient initiated eTelehealth request for consultation.
 - Direct access to the user's My eMHR Personal Health Records and eTelehealth Solution.
 - Direct (one click) access to My Video Chat (P2P Video/Audio) communication solution.
 - **And More.....**

My Home eHealth Monitor

Welcome back, Robert Higgs

SYS	136.0	Spo2	97.0	Glucose	95.0
DIA	77.0	Pulse	70.0	Temp	99.4

Logout

?

Blood Pressure Monitor
 Pulse Oximetry Monitor
 Glucose Meter
 Digital Thermometer

ECG Heart Monitor
 Digital Spirometer
 Digital Weight Scales
 Fall Monitor

Message Board

06:00 AM 8/30 2016 Take your Blood Pressure reading 1 time daily (1)

06:00 AM 8/30 2016 Take your SPo2 reading 1 time daily (1)

04:22 PM 8/30 2016 Robert Solinger has requested that you fill out the following Assessment/Questionnaire: Scialica Questionnaire/Assessment. Please fill this out and submit it as soon as possible....

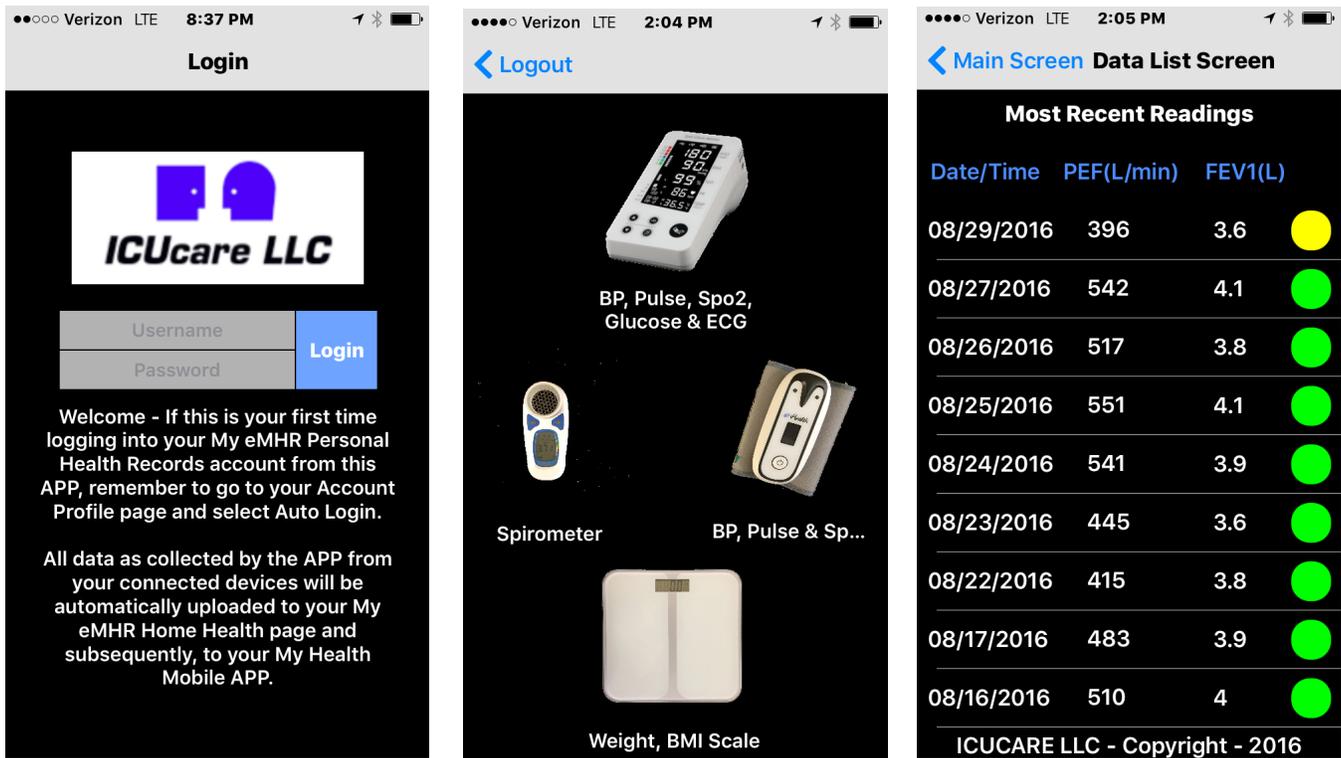
✓ Click to Acknowledge

My eMHR My Video Chat Silence

Time 5:38 PM, Tuesday, August 30, 2016

- **My Health Vitals APP** (PC, IOS and Android) - This APP provides for the connectivity between the data collection system (My eMHR) and the medical devices. This solution provides a viewable data listing of all parameters monitored by the user. While historical data is viewable, no data is ever stored in the APP or on the device.

Showing 3 of 18 Screens



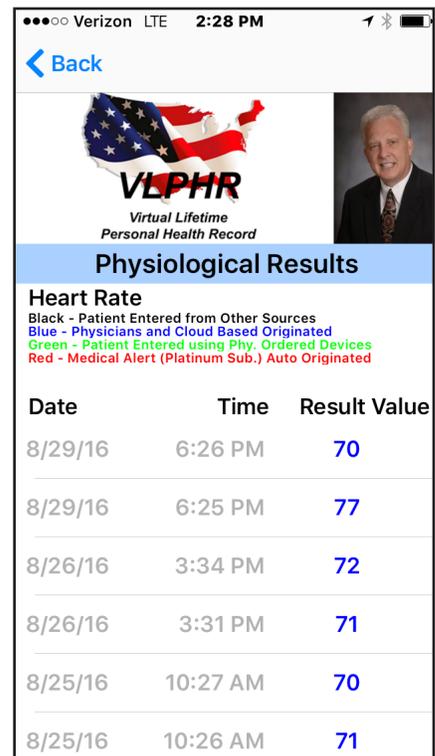
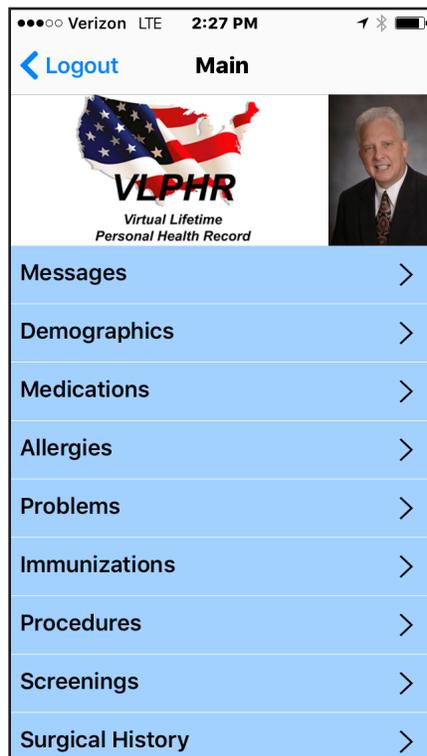
- **eDoc® Physicians Web Portal** (Web-Based EMR) - This cloud-based eTelehealth/Telemedicine EMR solution provides care providers easy access to their patients medical records from anywhere, anytime 24/7. It connects care providers to their patients from Home or elsewhere in need of attention, urgent care or even a second opinion from a sub-specialist. Patient notifications (alerts) from patient can be redirected to any designated member of the healthcare team or to a web-based Dashboard monitored 24/7. This solution is a **Subscription** based solution that can be licensed to an individual, group practice or Hospital based organization.

- Contains all Seventeen (17) sections of patient data as established by ASTM Continuity of Care Record and includes Imaging Files i.e. MRI, CT, PET, X-Ray, Ultrasounds etc.
- Includes a native DICOM Imaging Viewer.
- Interoperable with all Certified EHR's including EPIC, Cerner, Allscripts, McKesson, NexGen and VisTa, MyHealth.Vet and others.
- Includes eTelehealth (Store & Forward and Telemedicine HD Video/Audio Interactive) capabilities. (P2P with H264 & FIPS 140-20)
- Includes a robust medical encounter (eTelehealth Consult) screen for viewing a consolidated view of the patient's longitudinal medical history in but four clicks of the mouse and the ability to diagnosis, order medications (ePrescribe), labs or other pertinent diagnostics as deemed appropriate.
- Includes ability to review/enter encounter notes, review/enter progress notes, review and or modify care treatment plan and other.
- Features a Professional version of the My Symptoms Checker Differential Diagnosis Algorithm clinical decision support solution. The solution includes Causative Drug to Symptoms Algorithm, Bio-terrorism Chemical Agents and reference materials for any selected diagnosis to include Work-up's, Treatments and Short & Long Term Care Treatment Plans for any diagnosed illness.
- Full management of patients Home eHealth monitoring Program to include Alerts, Notifications, Actions and Disease Management Protocols (DMP's) Assessments, Questionnaires and the ability to create new DMP's using a narrative data entry that generates back-end structured code at the data base level of all newly created DMP's whereby said data may be used as actionable intelligence.
- Meets or exceeds all HIPAA requirements. (All data encrypted in transit and at rest)
- Fully integrated with My eMHR, My Health Mobile, My Health Vitals, My Home eHealth and eDoc® Telemedicine/EHR with an Analytic Engine supporting Population Health.
- The solution includes an Encounter Consult Billing system.
- System generates a C-CDA with encounter details and transmits to all care providers of record.
- Includes Tele-Consult Billing functionality and administration.

- **My Health Mobile APP** (PC, IOS and Android) - This APP is intended to provide the user with access to all their cloud-based medical data from a mobile device anywhere, anytime. The includes all the same features as it's "big brother" My eMHR with the exception that no data entry is permitted. All data is pulled from the cloud as each screen is opened. In that way, no data is ever local to the APP or to the device. This is an added security measure in the event the device is lost or stolen. Some of the many feathers not shown above and included in this APP are as follows:

- Ability to Send a comprehensive Clinical Summary in the form of a C-CDA of a patients medical history to any of three user groups of care providers. eTelehealth Physicians, In-Network Physicians and Out-of-network Physicians. All methods are secure, encrypted and comply to HIPAA.
 - Ability to retrieve medical records from any providers EHR based Personal Health Records (PHR) system such as EPIC's "My Chart", MyHealth.Vet, Blue Button and others upon demand with but two taps of the finger on the user's screen.
 - Reminders of when to take your medications or take your vital sign readings i.e. Blood Pressure, Spo2, Glucose or other.
- And Much More!**

Showing 3 of 46 Standard Screens



- **My eMHR Virtual Lifetime Personal Health Records Platform** (Web-Based) - This cloud based solution is the **Engine** behind all of the aforementioned solutions. In fact, while many others have attempted to replicate, the My eMHR stands in a class by itself!

The My eMHR is a Subscription based solution. It is offered in four classes of subscription. Starting at a Bronze Level, it is offered at no cost. Beginning with the Silver Subscription, certain functionalities are added to include storage levels. The Gold is the next Subscription Level and as you would expect, includes many other features to include Unlimited Storage. The Platinum Level is the highest level of Subscription and must be ordered by a Licensed Physician. The Platinum Level Subscription is used in support of the Home eHealth Monitoring System.

The Platinum Subscription is billed as a Monthly Subscription as many patients are assigned such a subscription following their discharge from a hospital. (30-Day Discharge Ruling) As one would expect, it is always associated with a team of care providers who will monitor the patients vitals and other to insure they are progressing along the way back to a normal life.

The My eMHR Platinum Subscription along with the eDoc® Physicians Web Portal Subscription License are the only two (2) cost related componets other than the cost associated with the purchase of medical devices that may be utilized in connection with any one patient or home-care program.

My eMHR Virtual Lifetime Personal Health Records HIE Capable Solution Includes the Following:

Clinical Data: (Major Sections)

- Demographic Information (SNOMED Reportable)
- Emergency Information
- Profile Photo (Biometrics Capable)
- History of Procedures and Results - CPT4 Reporting Capable
- History of Previous Illness and Conditions (60+ identified) - ICD9 Reporting Capable
- Surgical History – CPT4 Reporting Capable
- Activities/Social History – SNOMED Reportable
- Pregnancy Status - ICD9/10 Reporting Capable
- Family History
- Allergies: Air Borne, Drug & Other – ICD9 & SNOMED Reporting Capable
- Patient Directives
- Medications Listing (Active & Inactive) – Rx Norm Reportable
- Immunizations and Date - CPT4 Reporting Capable
- Master Problem List – ICD9 & ICD-10 Reporting Capable
- Lab Results – LOINC and CPT Reporting Capable
- History of Physician Notes
- History of Encounters
- Home Health Management w/ Remote Monitoring & Intervention
- Care Plan (Actions & Instructions)
- Supporting Medical Files to include Imaging, Report Findings (DICOM Capable)

Functional Capabilities: (Partial Listing)

- Legacy Systems Interoperability (Bi-directional)
- HIPAA and 2014 Stage II MU Compliant
- Parental Controls Re: Children Access
- Audit Tracking of all data viewed, entered, modified by source and data/time
- eTelehealth (Patient to Physician & Physician to Patient)
- My Home eHealth & mHealth Solution w/ Wireless Wearable Devices
- My Video Chat HD Video Conferencing (P2P with H264 & FIPS 140-2)
- My Symptoms Checker Differential Diagnosis Algorithm Solution
- Medical Resource Library
- Share Medical Records with Care Providers - 5 Secure Methods
 - Smart Card
 - HIE Dongle
 - eTelehealth (w/ In-network and Out-of-network physicians)
 - Direct Exchange
 - My Health Mobile App (Apple and Android)

The My eMHR Solution represents the most comprehensive patient-centric personal health records system in the world. Other than the almost endless levels of functionality, the portal is intended to be rich in data and thus includes over 49 pages of structured medical history consolidated into but seven easy to navigate screens

Additionally, all this information is available on your mobile device, Phone or Tablet of your choosing.

The radical premise for the development of this solution was:

‘There are but two components to the healthcare system that are relevant; the patient and the care provider. Only one of these components are mobile throughout their lifetime - the patient!’
Robert E. Higgs - Founder



[Inbox](#) | [Logout](#)

Patient Data
File Management
Patient Report(s)
Account Management
Medical Resources
[My Scheduler](#)
[My Video Chat](#)
[My eTeleHealth](#)
[My HIE Dongle](#)
[My Symptoms Checker](#)

Be sure to save your eMHR before leaving this page!

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[Terms of Use](#)



Note: All Blue Lines denote the presence of automated pull down menu boxes. User should click each blue line to open and select the number or month/day/year as appropriate.

Welcome, Daisy Carter! (Platinum)

[In-Network Facility: ICUcare North Side](#)
[In-Network Physician: Robert Higgs](#)
[eTeleHealth Physician: Robert Higgs](#)

Patient Information | Medical History 1 of 4 | Medical History 2 of 4 | Medical History 3 of 4 | Medical History 4 of 4 | Care Plans | Home eHealth

Patient Demographics

ID Number: 502 *First Name: Daisy Middle Name: J *Last Name: Carter Social Security: 121 21 2313 Address: 100 N Main Street City: Evansville State: Indiana *Zip Code: 47711 Country: United States	*Home Phone: 8125478547 Cell Phone: 8125478547 Cellular Carrier: Verizon Wireless Email: rhiggs@icucare.com Work Status: Employed Occupation: Freelance Writer Employer/School: Washington Post Employer/School Phone: 8124567892 Preferred Pharmacy: Walgreens 8128487457 *Communications Preference: Email+Telephone Insurance Provider: Click for Details Disabled Military Veterans: Click for Details	*Sex: Female *Date of Birth: Feb 3 1967 *Age: 49 *Marital Status: Married *Race: White *Ethnicity: Not Hispanic or Latino *Preferred Language: English Height (in/cm): 66 in/167.6 cm Weight (lbs/kg): 115 lbs/52.2 kg or less Primary Care Provider: Dr. Larry Judy Other Care Provider: Dr. Bill Samm Dr. Robbie Solinger Dr. Bill Eggers
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Emergency Contact Information

First Name: James Middle Initial: J Last Name: Carter Relationship: Husband *Zip Code: 47711 Address: 100 N Main Street	City: Evansville State: Indiana Zip Code: 47711 Country: United States Phone: 8125475847 Alt Phone: 8125478457
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[Copy Address From Above](#)

Patient Photo

[Save Current eMHR](#)

Hardware-based Solutions (Medical Devices)

- While the Home eHealth Monitoring software solutions are considered to be the heart of the program, ICUcare has taken no short cuts in partnering with some of the finest medical device manufacturers in the world. The Home eHealth Monitoring Platform has been developed with the ability to interface with many of the leading medical device manufacturer's of both wearables and conventional clinical devices.

The standard package of devices that My Home eHealth Monitoring system supports includes:

- **Blood Pressure**
- **Spo2**
- **Glucose**
- **Temperature**
- **ECG**
- **Spirometer, and Peak Flow Meter**
- **Weight & BMI**
- **Fall Detection** (Dec. 2016)

The All-in-One Health PC-300 Series Monitor is a fully loaded portable health monitoring device. With the My Health Vitals APP on either Android or Apple Phone and Tablet, the user can measure, store and transmit results data to their My eMHR cloud based repository where it is then redistributed to all other software solutions included in the Home eHealth Monitoring Solution. Note that all Devices are Bluetooth based and FDA approved.

Features: (Partial)

- Measure Blood Pressure, Oxygen Saturation, Heart Rate and Temperature.
- Optional ECG and Blood Glucose
- Includes a Travel Case - Dimensions 7" x 7" x 4" (L x W x H)



The All-in-One Health PC-100 Series Monitor is a more portable version of its big brother PC-300. It still affords a fully loaded portable health monitoring device suitable for the home on the go. Monitoring of ones Blood Pressure is extremely useful in controlling diseases such as hypertension.

Features: (Partial)

- Measure Blood Pressure, Oxygen Saturation and Heart Rate
- Optional Blood Glucose
- Includes a Travel Bag - Dimensions 7" x 3' x 3" (L x W x H)

The Digital Peak Flow Meter RC-100 measures your maximum exhalation which is called "peak flow" (referred to in medical terms as PEF-Peak Expiratory Flow) and "forced expiratory volume" (commonly known as FEV1) in the first second. Regular monitoring of your peak flow is extremely useful for controlling diseases of the airways such as asthma, C.O.P.D. or chronic bronchitis.

Specifications: (Partial)

- Respiratory Measurement of PEF: 30-999L/min
- Respiratory measurement of FEV1: 0.01 to 9.99L



The Digital Scale ES-681 enables you to measure and keep track of your body weight. Obesity is a major health problem in the United States and has a profound impact on your overall health and well being. The ES-681 provides you with one easy to use device from which to monitor your weight, BMI with results that are trended by all of your connected solutions.

Specifications: (Partial)

- Capacity: 150 kg or 330 lbs.
- Graduation: 0.1 kg or 0.2 lb