

# Telemedicine Registry

*Exposed through the State-Designated  
Health Information Exchange*

Draft Wireframes

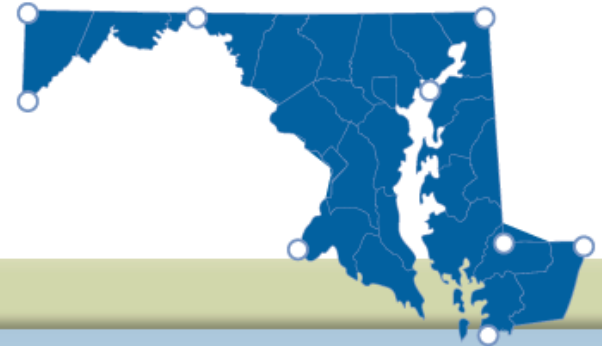
*March 7, 2014*



The MARYLAND  
HEALTH CARE COMMISSION



*Connecting Physicians With Technology  
To Improve Patient Care in Maryland*



**CRISP Portal**

**Who Is  
Participating?**

**Training**

**New Users**

**Existing Users**

**Patient Materials**

## CRISP Portal User and DIRECT Messaging Request Form

CRISP Portal - As clinical information is created and shared with CRISP, it is made accessible in real time to participating health care providers through the free CRISP Portal. The portal gives providers the ability to securely look up patient information from multiple sources through the Internet.

CRISP DIRECT Messaging - is a secure and encrypted e-mail service that supports electronic communication between physicians, nurse practitioners, physician assistants, and other health care providers. CRISP DIRECT Messaging is separate from the CRISP portal. There may be a cost associated with CRISP DIRECT messaging.

\* Required

**How did you complete CRISP training? \***

**What date did you complete training? \***

Enter date below (e.g 1/1/2013 ) Do not enter TEXT in this field. If you are ONLY applying for CRISP DIRECT Messaging please enter today's date

**First Name \***

# Additional field related to telemedicine triggers additional questions

Support Staff - Typically clinical support staff who need access to only certain types of clinical information. Error: Users can not use the medication query feature.

Licensed Health Professional - Typically licensed health professionals who need access to all types of clinical information but who are not licensed to write prescriptions themselves. Can query for medications on behalf of a doctor.

Provider - Typically physicians or nurse practitioners who need access to all types of clinical information and have NPI, DEA, and prescription license numbers. NPI, DEA and prescription license number must be supplied in order to be able to query medications.

**Access Level \***

Support Staff ▼

**Would you like to request a CRISP DIRECT Messaging account? \***

CRISP DIRECT Messaging is a secure and encrypted e-mail service that supports electronic communication between physicians, nurse practitioners, physician assistants, and other healthcare providers. This new service is being offered by the statewide Health Information Exchange - CRISP - and continues the goal of securely sharing patient's clinical information among their treating providers in Maryland.

▼

**Would you like to sign up for Encounter Notification Service (ENS)? \***

a service which enables physicians to receive real-time alerts when a patient is hospitalized.

▼

**Do you currently practice telemedicine? \***

If yes, you will be asked to respond to an additional set of questions on your capabilities.

▼

Continue »

Powered by [Google Docs](#)

[Report Abuse](#) - [Terms of Service](#) - [Additional Terms](#)

CHESAPEAKE REGIONAL INFORMATION SYSTEM FOR OUR PATIENTS

CRISP · 7160 Columbia Gateway Drive, Suite 230 · Columbia, Maryland 21046  
T/877-95-CRISP (27477) · F/443-817-9587 · [info@crisphealth.org](mailto:info@crisphealth.org)



# Responses will drive initial load of provider registry

Please describe your telemedicine capabilities:

Manufacturer

Product version

Please check all that apply:

- |                                 |   |  |
|---------------------------------|---|--|
| <input type="radio"/> SIP       | <input type="radio"/> Encryption        | <input type="radio"/> File transfer              |
| <input type="radio"/> H.323     | <input type="radio"/> Far-end control   | <input type="radio"/> Streaming serial data      |
| <input type="radio"/> H.264     | <input type="radio"/> Content sharing   | <input type="radio"/> Presence detection         |
| <input type="radio"/> H.264 SVC | <input type="radio"/> Instant messaging | <input checked="" type="radio"/> High-definition |

Please provide detailed instructions for distant sites to connect to you for consultation:

Mouse-over will show a “tool tip” explaining each term as clinical users may not understand them.

Continue »

Powered by [Google Docs](#)

[Report Abuse](#) - [Terms of Service](#) - [Additional Terms](#)

CHESAPEAKE REGIONAL INFORMATION SYSTEM FOR OUR PATIENTS

CRISP · 7160 Columbia Gateway Drive, Suite 230 · Columbia, Maryland 21046  
T/877-95-CRISP (27477) · F/443-817-9587 · [info@crisphealth.org](mailto:info@crisphealth.org)













# Separate workflow will allow a class of users to manage group loads/configuration

## Provider Group Manager

Add/Overwrite your group

Clicking button will open a popup window that will allow the upload of a flat file list for appending or overwriting an existing list

### Browse your current provider group

Name	Group Name	Group ID	Provider ID
 John D. Adams, MD	Maryland Peds	205	1
 Steven S. Burns, MD	Maryland Peds	205	2
 Ron A. Charles, MD	Maryland Peds	205	3
 Dan P. Dempsey, MD	Maryland Peds	205	4
 Erin Ernst, PA	Maryland Peds	205	5
 Ray Franklin, DO	Maryland Peds	205	6
 Ann Grimm, MD	Maryland Peds	205	7
 Henry E. Harlan, MD	Maryland Peds	205	8
 Ben A. Im, MD	Maryland Peds	205	9
 Jeffrey Q. James, MD	Maryland Peds	205	10

Individual records may also be edited manually by the administrative user

Telemedicine resources and educational material will be added outside of portal login



CRISP is operating normally.

CRISP Portal

Who Is Participating?

Training

Materials

Telemedicine

*Click here to*

**Connect to** **CRISP**

**NOTE: PATIENT DATA AVAILABLE THROUGH THE CRISP PORTAL MAY NOT BE COMPLETE. CRISP PARTICIPANTS DO NOT PROVIDE A PATIENT'S COMPLETE MEDICAL RECORD. ADDITIONAL RELEVANT CLINICAL DATA MAY BE AVAILABLE FROM OTHER SOURCES OUTSIDE OF CRISP.**

**THE CRISP PORTAL HAS RECENTLY UPGRADED. PATIENT INFORMATION FROM JUNE 2012 IS AVAILABLE IN CRISP. PDMP DATA IS NOW AVAILABLE FOR QUALIFIED USERS.**

#### Contact Support

If you are experiencing technical issues with CRISP please contact us at [support@crisphealth.org](mailto:support@crisphealth.org) anytime, or call us during regular business hours at 1-877-95-CRISP (27477).

CRISP Portal

Who Is Participating?

Training

Materials

Query Portal

Prescription Drug Monitoring

New telemedicine tab added to existing query interface



Patients  
Patient >

PDMP

Telemedicine

### Patient Actions

- Back to List
- Download CCD
- Download Summary PDF
- Configure Layout

**Doe, Jane** Female 06/13/1943 (70 yrs) (Community ID: 212452)

Summary More Patient Information

#### Results (5)

Date	Name	Source
12/02/2012	XR CHEST PALAT 2V	FWMC
10/15/2012	TROPONIN-I	FWMC
10/15/2012	CK, BLOOD	FWMC
10/15/2012	CHEM7 + CAL. (BMP)	FWMC
10/15/2012	CBC	FWMC

#### Allergies (2)

Allergen	Reactions	Reported
CODEINE	HALLUCINATE	10/26/2012
PHENERGAN	HALLUCINATE	10/26/2012

#### Encounters (1)

Date	Type	Source	Class
12/02/2012	EMERGENCY	FWMC	E

#### Medications (1)

Date	Name	Source
12/02/2012	HYDROCODONE	PDMP

#### Procedures (0) Immunizations (0)

No Procedures to display

#### Problems (0)

No Problems to display

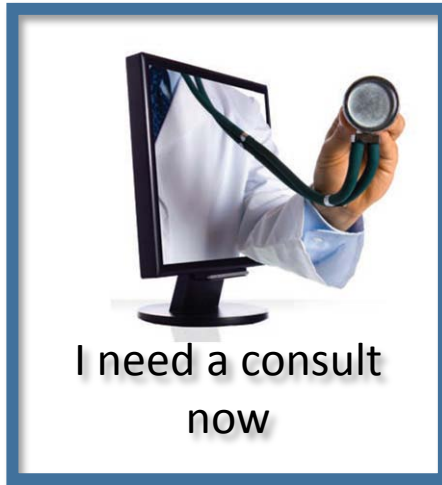
#### Social History (0) Attachments (0) More

No Social History to display

- Browse
  - Who's Online
  - Preferences
- Search
  - Simple
  - Advanced
  - Favorites
- My Profile
  - Edit
- I'm Online
- Help

## CRISP: Supporting telemedicine in Maryland

Block of explanatory text. Block of explanatory text. Block of explanatory text. Block of explanatory text.  
Block of explanatory text. Block of explanatory text. Block of explanatory text. Block of explanatory text.





# Users can browse the telemedicine registry



- Browse
  - Who's Online
  - Preferences
- Search
  - Simple
  - Advanced
  - Favorites
- My Profile
  - Edit
- I'm Online
- Help

## I need a consult now – Who's online

Name	Specialty	City	State	Accepting new	Medicaid	Actions
John D. Adams, MD	Stroke neurology	Baltimore	MD	Y	Y	   
Steven S. Burns, MD	Internal medicine	Towson	MD	Y	Y	   
Ron A. Charles, MD	Dermatology	Parkville	MD	Y	Y	   
Dan P. Dempsey, DDS	Dentistry	Beltsville	MD	Y	Y	   
Erin Ernst, PA	Rehabilitation	Chevy Chase	MD	Y	N	   
Ray Franklin, DO	Primary care	Easton	MD	Y	Y	   
Ann Grimm, MD	Psychiatry	Oakland	MD	Y	Y	   
Henry E. Harlan, MD	Neurology	Baltimore	MD	Y	N	   
Ben A. Im, MD	Internal Medicine	College Park	MD	Y	N	   
Jeffrey Q. James, MD	Radiology	Berlin	MD	Y	Y	   

Mouse-over will show a “tool tip” explaining each button: online indicator, add to favorites, open chat window, send an email.

# Click on a row – Popup window includes full registry listing



Telemedicine

**Results**

**John D. Smith, MD** [\(This is me\)](#)

**Stroke neurologist** 1234 Orleans Street, Suite A  
Accepting new patients Baltimore, MD 21231  
**NOT accepting new Medicaid patients** (410) 555-4038  
**Registered for telemedicine with Medicaid**

*Direct address (source: SES/CRISP)*

*Telemedicine technical capabilities, relevant credentials (source: self-entered and managed during CRISP account setup)*

*Online or offline / Click to open chat window*

*Network/insurance information (future source: existing HIX/Optum data)*

ery

telen

# Views of the registry are fully customizable

Browse

Who's Online

Preferences

Search

Simple

Advanced

Favorites

My Profile






























Edit

I'm Online



Help

## I need a consult now – Who's online

Name	Specialty	City	State	Accepting new	Medicaid	Actions
John D. Adams, MD	Stroke neurology	Baltimore	MD	Y	Y	   
Steven S. Burns, MD	Internal medicine	Towson	MD	Y	Y	   
Ron A. Charles, MD	Dermatology	Parkville	MD	Y	Y	   
Dan P. Dempsey, DDS	Dentistry	Beltsville	MD	Y	Y	   
Erin Ernst, PA	Rehabilitation	Chevy Chase	MD	Y	N	   
Ray Franklin, DO	Primary care	Easton	MD	Y	Y	   
Ann Grimm, MD	Psychiatry	Oakland	MD	Y	Y	   
Henry E. Harlan, MD	Neurology	Baltimore	MD	Y	N	   
Ben A. Im, MD	Internal Medicine	College Park	MD	Y	N	   
Jeffrey Q. James, MD	Radiology	Berlin	MD	Y	Y	   

Page 1 of 2 | [Next](#) | [Last](#)

Browse views are fully customizable—rearrange columns, add and remove based on all fields in the directory, list length and paging, sorting. Other fields to choose from could include group affiliation, technical capabilities.

# Creating a list of favorite providers



Telemedicine

- Browse
- Who's Online
- Preferences
- Search
- Simple
- Advanced
- Favorites
- My Profile
- Edit
- I'm Online
- Help

## I need a consult now – Who's online

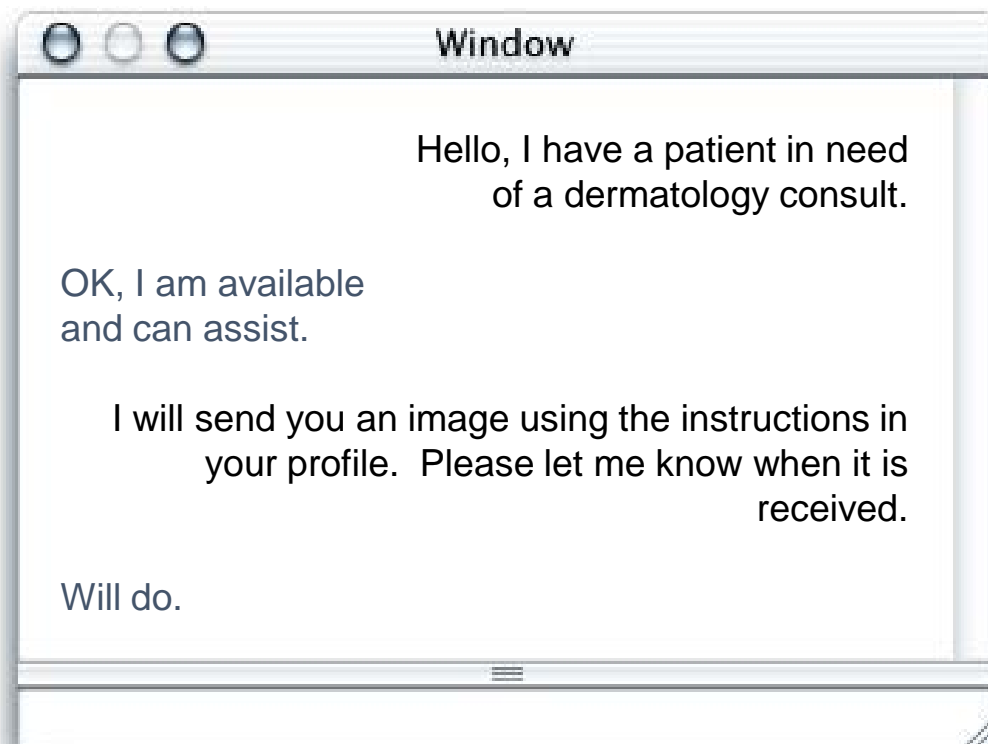
Name	Specialty	City	State	Accepting new	Medicaid	Actions
John D. Adams, MD	Stroke neurology	Baltimore	MD	Y	Y	   
Steven S. Burns, MD	Internal medicine	Towson	MD	Y	Y	   
Ron A. Charles, MD	Dermatology	Parkville	MD	Y	Y	   
Dan P. Dempsey, DDS	Dentistry	Beltsville	MD	Y	Y	   
Erin Ernst, PA	Rehabilitation	Chevy Chase	MD	Y	N	   
Ray Franklin, DO	Primary care	Easton	MD	Y	Y	   
Ann Grimm, MD	Psychiatry	Oakland	MD	Y	Y	   
Henry E. Harlan, MD	Neurology	Baltimore	MD	Y	N	   
Ben A. Im, MD	Internal Medicine	College Park	MD	Y	N	   
Jeffrey Q. James, MD	Radiology	Berlin	MD	Y	Y	   

Page 1 of 2 | [Next](#) | [Last](#)

Users can save providers to a favorites list for easy recall during subsequent login sessions

- Browse
  - Who's Online
  - Preferences
- Search
  - Simple
  - Advanced
- Favorites
- My Profile
  - Edit
- I'm Online
- Help

## Chatting with – Dr. Steven Jones



- Browse
  - Who's Online
  - Preferences
- Search
  - Simple
  - Advanced
  - Favorites
- My Profile
  - Edit
- I'm Online
- Help

## I'm locating a consultant/referral – Simple search

*Please use one or more of the following criteria:*

Last name

Group Affiliation

Specialty

Search

Dropdown lists

- Browse
  - Who's Online
  - Preferences
- Search
  - Simple
  - Advanced
  - Favorites
- My Profile
  - Edit
- I'm Online
  -
- Help

## I'm locating a consultant/referral – Simple search

*Please use one or more of the following criteria:*

Last name

Group Affiliation

Specialty

Search

Advanced search will allow users to search on any fields in the provider directory database