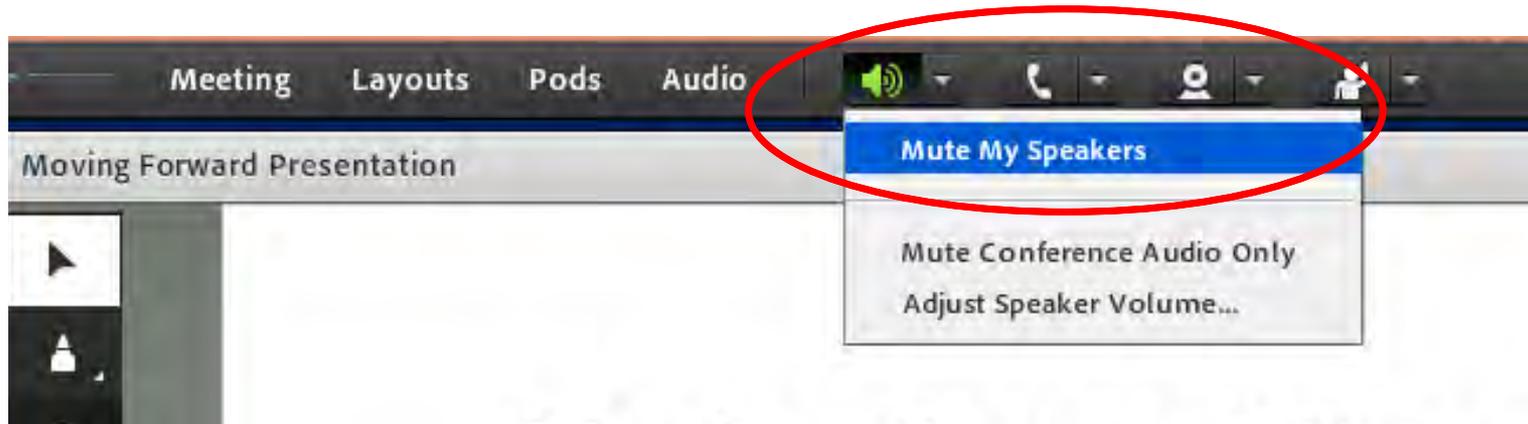


Please remember to mute your speakers.



VA Mobile Discussion Series

For audio, please dial in using VANTS:

1-800-767-1750 pc: 43950#

Thank you for joining. We will begin shortly.

VA



U.S. Department of Veterans Affairs

Veterans Health Administration
Office of Connected Care



U.S. Department
of Veterans Affairs

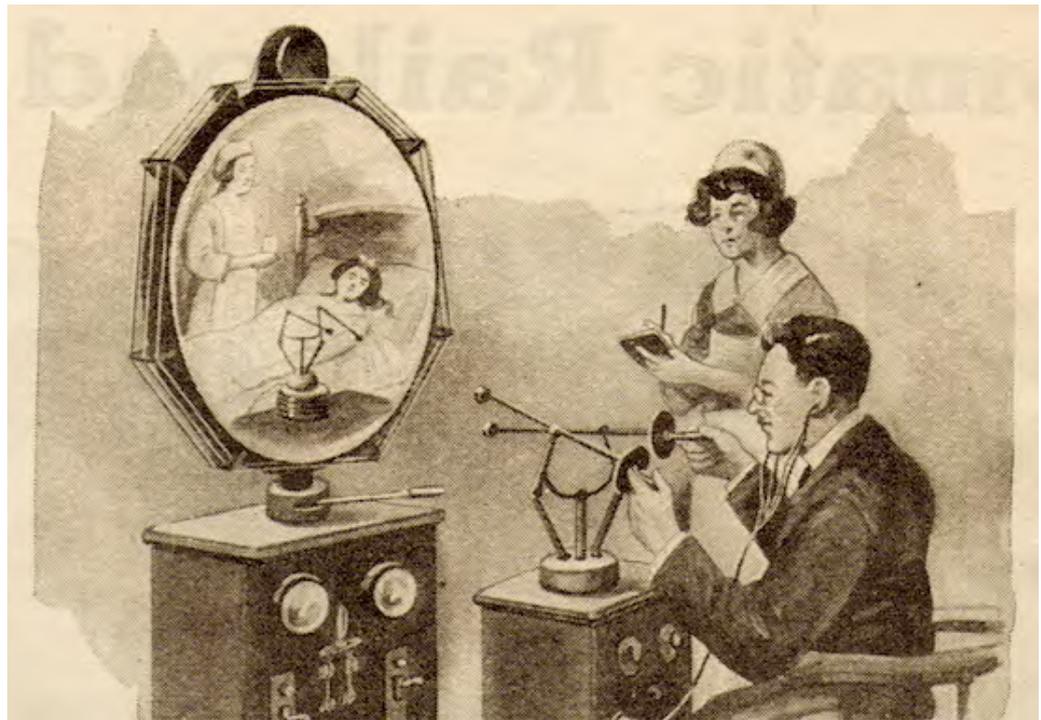
Mobile apps for teledermatology: Improving Veterans' access to skin care

Dennis H. Oh, MD, PhD
Telehealth/Connected Care
Office of Health Informatics
Department of Veterans Affairs



Overview of Presentation

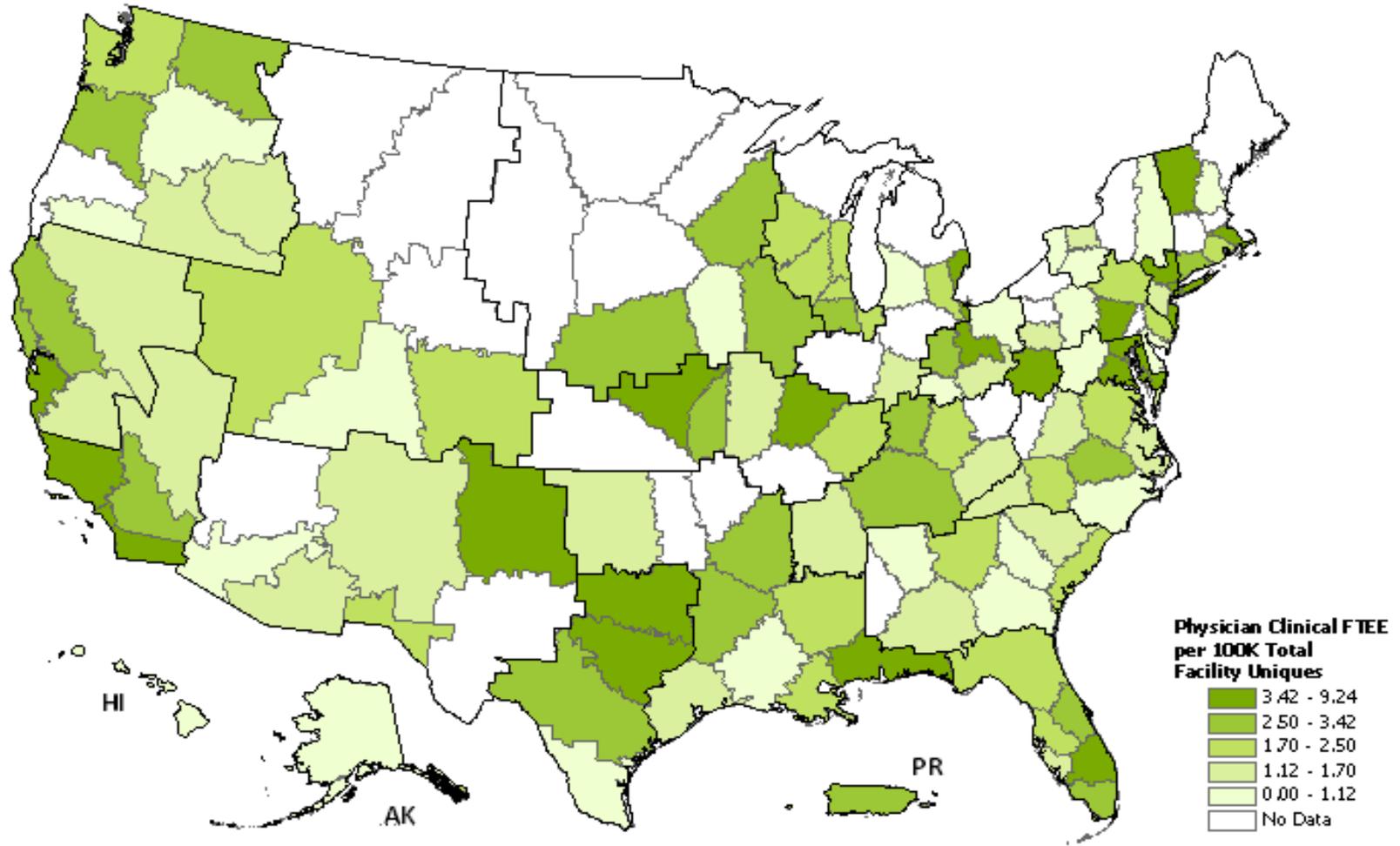
- **Teledermatology in VHA**
- What is *VA TeleDerm*?
- Technical walkthrough
- Questions



Science and Invention, February 1925



Access to dermatologists is limited





Why a national teledermatology program?

- Ensure quality of care
- Create interoperability
 - Personnel
 - Software
 - Equipment
- Integrate with other VHA priorities/functions
 - Telehealth
 - Specialty Care
 - Access: Rural Health
- Facilitate learning about ourselves
 - Quality improvement
 - Research
 - Planning and resource allocation



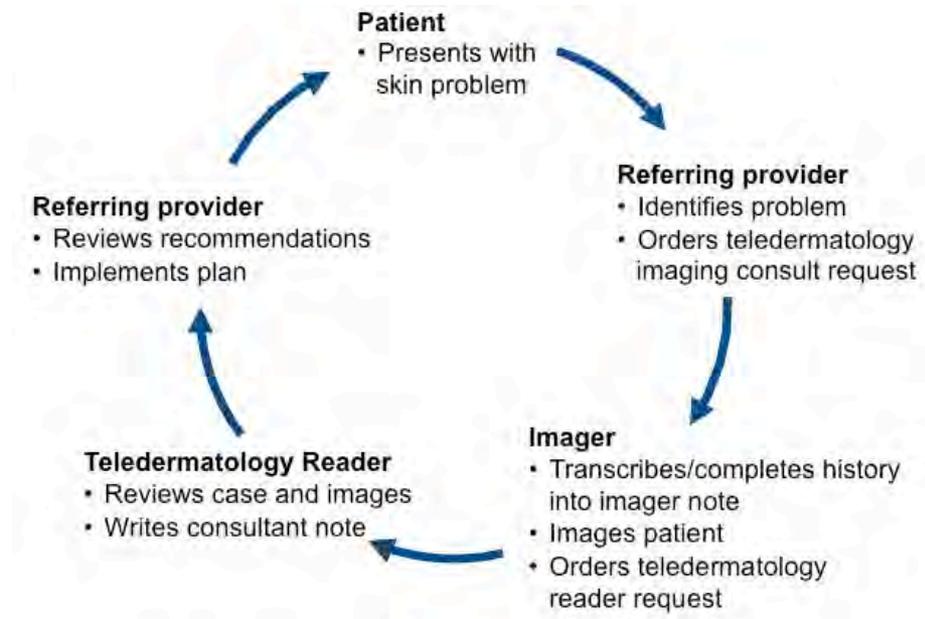
What should a national program be?

- Allow individual programs to adopt models that work best for them
- Provide a common set of rules and tools
 - Operations Manual
 - Quality Management
 - Training
 - Templates
 - Mobile apps
- Fund the effort
 - Primary care – ORH EWI
 - Imagers
 - Teledermatology Readers – ORH EWI
 - Other support staff: VISN coordinators, facility coordinators



Teledermatology in VHA

- Types (Hub-Spoke Models)
 - Store-and-Forward (SFT)
 - Clinical Video (CVT)
- Activity in FY17
 - >107,000 encounters
 - >100,000 uniques
 - Increased about 6% over FY16
- Distribution
 - All VISNs
 - Half of all facilities
- Process
 - Primary care providers
 - Imagers
 - Dermatology Readers





Limitations to teledermatology growth and performance

- User adoption
 - Primary care providers (PCPs) – providing additional history
 - Imagers
 - Dermatologists
- Technical limitations with CPRS
 - Transfer history from imaging consult to the imager note
 - Transfer images from camera to VistA Imaging
 - Delete images from camera
- Can mobile devices help with these problems?



Overview of Presentation

- Teledermatology in VHA
- **What is VA TeleDerm?**
- Technical walkthrough
- Questions





History of VA Teledermatology Apps

- 2012: Discuss idea with Connected Health
- 2013: BRD/RTM developed with HP
- 2014: Development begins with Longview
- 2015: Development completes with Longview
- 2017: *VA TeleDerm/My TeleDerm* development continues with Accenture
- 2018: Field testing of *VA TeleDerm* app



What are the teledermatology apps?

- Two Store-and-Forward apps
 - *VA TeleDerm* – recapitulates and streamlines VA's current consultative teledermatology process
 - *My TeleDerm* – allows dermatologists to follow up with established dermatology patients by teledermatology, reducing clinic congestion and patient travel. To be used in conjunction with Patient Viewer.
- Goal: Enhance Veterans' access to skin care
 - Make teledermatology easier for referring clinics
 - Expedite skin care & reduce travel for Veterans
 - Reduce new and established in-person visits



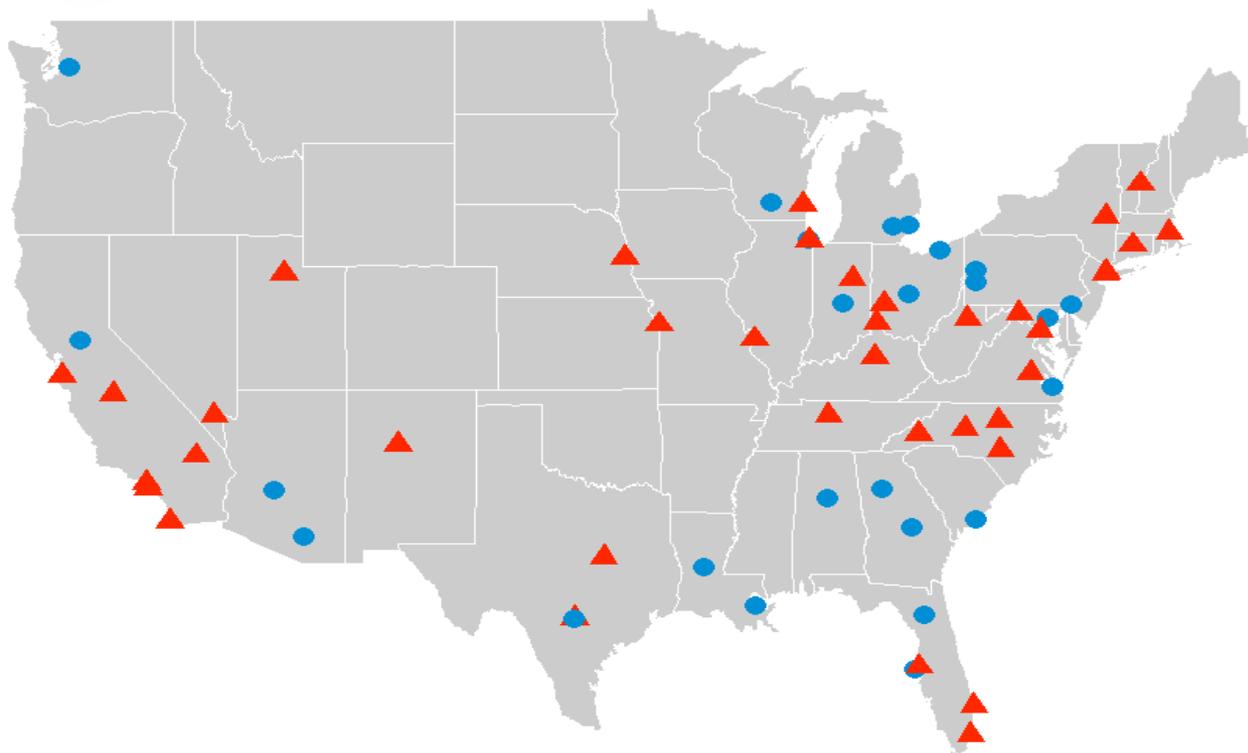
VA Telederm app (cont)

- A web-based app – works best if users have access to VA wi-fi (mobile1sd network), but remote access is possible
- Can be used on Apple or Android devices (iPad works best)
- National rollout is occurring in stages over a 2 year period in association with HSR&D-funded research
- *VA TeleDerm* is for sites that currently do some but not a lot of teledermatology





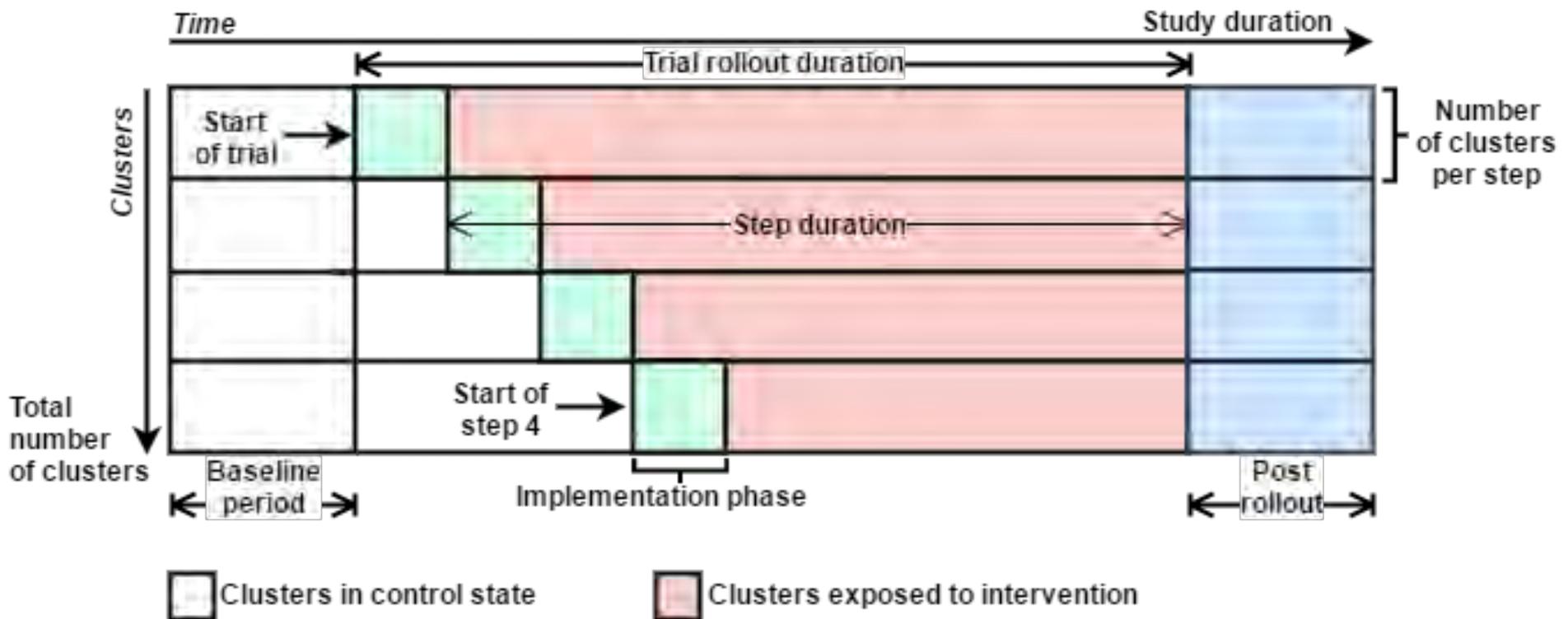
Sites for initial rollout



- My TeleDerm
- ▲ VA TeleDerm



Intended rollout schedule





Pre-requisites for *VATelederm*

- Facility/Region IT provides IP address and port
- Facility CAC or other MAG SYSTEM key holder configures app
- Users must obtain....
 - iPad or other GFE
 - VistA credentials
 - SECONDARY MENU OPTIONS: DVBA CAPRI GUI
 - SECONDARY MENU OPTIONS: OR CPRS BUI CHART
 - VPN access (RESCUE, GFE MOBILE, CAG) if no VA wi-fi



Intermission - Questions

Questions?



Overview of Presentation

- Teledermatology in VHA
- What is *VA TeleDerm*?

- **Technical walkthrough**
- Questions



VA Telederm Launch Page

- Users must enter their VistA Username/password and choose their VA Hospital Location to log in





Login screen

Department of Veterans Affairs
PROVIDER LOGIN

Access Code

Verify Code

Honolulu, HI [459]

Clear Sign In



HOME SCREEN



Access the app's main features from the Home screen:

- Menu: consults, notifications, tour the app, about and logout
- Search for or Select a Patient: quickly find patients to see their consults and dermatology information



PCP: Choosing a patient

The screenshot shows a web browser window with the URL `https://staff.mobilehealth.va.gov/teledermworkflow/patientSearch`. The page title is "VA TeleDerm". The main heading is "Select a Patient". Below this, there is a "Patient Search" section with a text input field containing "zzdemopatient" and a blue "Search" button. Underneath, the "Recent Patients" section lists "MobileAppVeteran, One". The "Results (44)" section displays a list of seven items: "MobileAppVeteran, Two", "MobileAppVeteran, Three", "MobileAppVeteran, Four", "MobileAppVeteran, Five", "MobileAppVeteran, Six", and "MobileAppVeteran, Seven". The footer of the page shows "VA TeleDerm v1.0" on the left and "Logged in" on the right.



PCP: Ordering an Imaging Consult

The screenshot displays the VA TeleDerm web application interface. The browser address bar shows the URL: <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/con>. The application header includes a search icon and the text "VA TeleDerm".

On the left side, there is a "Results (1)" section with a refresh icon and the text "Refreshed: 11:04". Below this is a "Filters" section with several buttons: ACTIVE (checked), CANCELLED, COMPLETE (checked), DISCONTINUED, NO STATUS, OTHER, PARTIAL RESULTS, PENDING (checked), and SCHEDULED (checked).

The main content area shows a list of "Dermatology Consults". The list has columns for "Date", "Description", "Status", and "IEN". One entry is visible:

| Date | Description | Status | IEN |
|--------|--|--------|---------|
| 4/6/18 | TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT Cons | Active | 2586987 |

In the top right corner of the application, there is a button labeled "New Imager Consult" with a plus sign icon, which is circled in red. The footer of the application shows "VA TeleDerm v1.0" on the left and "Logged In" on the right.



PCP: Selecting a clinic location

VA TeleDerm

https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/crez

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Provider & Location for Current Activities

Encounter Provider: Search

Encounter Provider Results*: Oh,Dennis Hyun - ASSISTANT CHIEF OF SERVIC

Select Location Type

Clinic Appointments Hospital Admissions New Visit

Visit Location*

Filter: Search

Date of Visit*: 2018-04-18

- EUR PACT A
- EUR PACT ACCESS
- EUR PACT ACCESS 2
- EUR PACT B
- EUR PACT C
- EUR PACT D

Cancel Create New Visit

VA TeleDerm v1.0 Logged In



PCP: Selecting proper imaging consult

VA TeleDerm

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Create New Consult

Consult to Service/Specialty
TELEDERMATOLOGY EUREKA IMAGING CONS

Patient Will Be Seen
 Outpatient Inpatient

Attention
[Search] Q Search

Attention Results
[Dropdown]

Clinically Indicated Date
2018-04-18

Urgency
ROUTINE

Place of Consultation
CONSULTANT'S CHOICE

Provisional Diagnosis
Rash and other Nonspecific Skin Erupti Lexicon

General History Problem A + Add Problem

VA TeleDerm v1.0 Logged In



PCP: Entering general medical history 1

VA TeleDerm

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

History Details

Imaging Instructions (List body sites to be imaged; other instructions to imager)*

Chest and back

Chief Complaint*

Itching rash

This Consult Addresses a*

New Condition
 Prior Teledermatology Consult
 Prior Dermatology Clinic Visit

Reason for Request*

Diagnosis
 Treatment Management Recommendations
 Second Opinion
 Other

Skin History

History of Skin Cancer?

None
 Basal Cell Carcinoma
 Squamous Cell Carcinoma
 Malignant Melanoma
 Other/Unknown

Family History of Melanoma?

Mother Father None
Patient Sibling Unknown
Child Other

Unknown

VA TeleDerm v1.0

Logged In



PCP: Entering general medical history 2

VA TeleDerm

https://staff.mobilehealth.va.gov/teledermworkflow/patientDet: Search

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Joint Aches

Muscle Aches

No Additional Symptoms

Is Patient Immunosuppressed?

No Yes Unknown

Other Significant History, Laboratory Findings, if applicable

No Yes Unknown

Review of Systems

Constitutional Symptoms (e.g., Fever, Weight Loss)*

No Yes Unknown

Musculoskeletal Symptoms (e.g., Arthralgias)*

No Yes Unknown

VA TeleDerm v1.0 Logged In



PCP: Entering specific skin problem 1

VA TeleDerm

https://staff.mobilehealth.va.gov/teledermworkflow/patientDet

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Create New Consult

Consult to Service/Specialty
TELEDERMATOLOGY EUREKA IMAGING CONS

Patient Will Be Seen
 Outpatient Inpatient

Attention
[Search]

Attention Results
[Search]

Clinically Indicated Date
2018-04-18

Urgency
ROUTINE

Place of Consultation
CONSULTANT'S CHOICE

Provisional Diagnosis
Rash and other Nonspecific Skin Erupti Lexicon

General History Problem A + Add Problem

Problem A

Locations*
trunk

How Long Ago Did This Problem Begin?
months

VA TeleDerm v1.0 Logged In



PCP: Entering specific skin problem 2

VA TeleDerm

https://staff.mobilehealth.va.gov/teledermworkflow/patientDet: Search

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Other

Any Recent Changes?

None

Size

Color

Elevation

Shape

Other

Prior Treatment?

No Yes Unknown

Prior Biopsy?

No Yes Unknown

VA TeleDerm v1.0 Logged In



PCP: Signing the imaging order

VA TeleDerm

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Sign Order

Review Order

TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons CONSULTANT'S CHOICE
UNSIGNED

Activity:
04/18/2018 11:17 New Order
Order Text: TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons CONSULTANT'S CHOICE
Nature of Order: ELECTRONICALLY ENTERED
Ordered by:
Signature: NOT SIGNED

Order Description: **TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons CONSULTANT'S CHOICE *UNSIGNED***
Order Date: Apr 18, 2018 11:17:00 AM

Electronic Signature Code

.....

Cancel Sign

VA TeleDerm v1.0 Logged in at



PCP: Confirm imaging order is pending

The screenshot shows the VA TeleDerm web application interface. The browser address bar displays the URL: <https://staff.mobilehealth.va.gov/teledermworkflow/patientDet>. The page header includes the VA TeleDerm logo and the user information: MobileAppVeteran, One, 05/05/1900, 000000123456. The main content area is titled "List: Dermatology Consults" and features a "New Imager Consult" button with a plus sign. A table lists the consults, with the "Pending" status of the 4/18/18 Eureka Imaging Consult highlighted by a red circle.

| Date | Description | Status | IEN |
|---------|---|---------|---------|
| 4/18/18 | TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons | Pending | 2593211 |
| 4/6/18 | TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT Cons | Active | 2586987 |

Filters on the left side of the interface include: ACTIVE, CANCELLED, COMPLETE, DISCONTINUED, NO STATUS, OTHER, PARTIAL RESULTS, PENDING, and SCHEDULED. The status "PENDING" is currently selected.

VA TeleDerm v1.0 Logged In



Pending imaging consult request in CPRS

Vista CPRS in use by:

File Edit View Action Options Tools Help

ZZMANITARIAN,HUGH J (OUTPATIENT) Visit Not Selected No PACT assigned at any VA location /

000-00-1538 Nov 11,1960 (57) Provider: Flag JLJ Remote Data No Postings

Apr 18,18 to Apr 18,18

Apr 18,18 (p) TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons Consult #: 2593211

Current Pat. Status: Outpatient
Primary Eligibility: HUMANITARIAN EMERGENCY (PENDING VERIFICATION)
Patient Type: NON-VETERAN (OTHER)
OEF/OIF: NO

Order Information
To Service: TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST
From Service: EUR PACT A
Requesting Provider:
Service is to be rendered on an OUTPATIENT basis
Place: Consultant's choice
Urgency: Routine
Clinically Ind. Date:
Orderable Item: TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST
Consult: Consult Request
Provisional Diagnosis: Rash and other Nonspecific Skin Eruption (ICD-10-CM R21.)

Reason For Request:
IMAGING INSTRUCTIONS: Chest and back
CONSULT ADDRESSES AN: New Condition
REASON FOR REQUEST: Diagnosis, Treatment Management Recommendations
CHIEF COMPLAINT: Itching rash
HISTORY OF SKIN CANCER: Basal Cell Carcinoma
FAMILY HISTORY OF MELANOMA: Unknown
OTHER PRIOR SKIN DISORDERS: No
NEW MEDICATION OR SUPPLEMENT STARTED RECENTLY: No
CURRENT SYMPTOMS: Weight Loss
PATIENT IMMUNOSUPPRESSED: No
OTHER SIGNIFICANT HISTORY, LABORATORY FINDINGS: No
CONSTITUTIONAL SYMPTOMS: No
MUSCULOSKELETAL SYMPTOMS: No
PROBLEM A
LOCATIONS: trunk
STARTED: months
SYMPTOMS: Itching
RECENT CHANGES: Size, Color
PRIOR TREATMENT: {UNSPECIFIED}
PRIOR BIOPSY: {UNSPECIFIED}

Inter-facility Information

Cover Sheet | Problems | Meds | Orders | Notes | Consults | Surgery | D/C Summ | Labs | Reports



Imager: Using Notifications to identify patients with pending consults

The screenshot displays the VA TeleDerm web application interface. The browser address bar shows the URL: <https://staff.mobilehealth.va.gov/teledermworkflow/patientSearch>. The page title is "VA TeleDerm".

The interface includes a search bar with the text "Search for or Select a Patient" and a "Search" button. A search input field contains the text "zzdemonpatient".

A navigation menu is visible on the left side, with the "Notifications" option highlighted by a red circle. Other menu items include "Tour the App", "About", "Help", and "Logout".

The main content area is titled "Select a Patient" and contains a "Patient Search" section. Below this, there is a "Recent Patients" section with a list of patient names: "MobileAppVeteran, One".

The "Results (44)" section displays a list of patient names: "MobileAppVeteran, Two", "MobileAppVeteran, Three", "MobileAppVeteran, Four", "MobileAppVeteran, Five", "MobileAppVeteran, Six", and "MobileAppVeteran, Seven".

The footer of the application shows "VA TeleDerm v1.0" and "Logged in as:".



NOTIFICATIONS

☰ menu 🔍 Search for or Select a Patient VA TeleDerm

User Notifications

Refresh 

| Patient Name | Location | Urgency | Alert Date/Time | Message | Forwarded By/When |
|-------------------|----------|----------|-----------------|---|-------------------|
| PATIENT,O (P1158) | | Moderate | 12/15/17 | Completed Consult TELEDERMATOLOGY UNSIGNED | |
| PATIENT,O (P1158) | | Moderate | 12/13/17 | TELEDERMATOLOGY IMAGING REQUEST WF available for SIG | |
| PATIENT,O (P1158) | | Moderate | 12/12/17 | New consult TELEDERMATOLOGY READ (Routine) | |
| PATIENT,O (P1158) | | Moderate | 12/12/17 | New consult TELEDERMATOLOGY READ (Routine) | |
| PATIENT,O (P1158) | | Moderate | 12/12/17 | Completed Consult TELEDERMATOLOGY | |
| PATIENT,O (P1158) | | Moderate | 12/12/17 | Completed Consult TELEDERMATOLOGY | |

- Tap **Notifications** from the menu
- View notifications related to your patients' consults (Patient Name, Location, Urgency, Alert Date/Time, Message, Forwarded By/When)
- Tap **Refresh** to view the most current notifications
- To follow-up on any notification you must search for and select a patient in the patient search function



Imager: Choosing a patient

VA TeleDerm

Search for or Select a Patient

VA TeleDerm

Select a Patient

Patient Search

Recent Patients

MobileAppVeteran, One

Results (44)

MobileAppVeteran, Two

MobileAppVeteran, Three

MobileAppVeteran, Four

MobileAppVeteran, Five

MobileAppVeteran, Six

MobileAppVeteran, Seven

VA TeleDerm v1.0

Logg



Imager: Identifying the pending consult

The screenshot shows the VA TeleDerm interface. At the top, the browser address bar displays the URL: <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c>. The page header includes the user name 'MobileAppVeteran, One' and the date '05/05/1900'. The main content area is titled 'List: Dermatology Consults' and features a 'New Imager Consult' button with a plus sign. A table lists the consults:

| Date | Description | Status | IEN |
|---------|---|---------|---------|
| 4/18/18 | TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons | Pending | 2593211 |
| 4/6/18 | TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT Cons | Active | 2586987 |

The 'Pending' status in the first row is circled in red. On the left side, there is a 'Filters' section with buttons for 'ACTIVE', 'CANCELLED', 'COMPLETE', 'DISCONTINUED', 'NO STATUS', 'OTHER', 'PARTIAL RESULTS', 'PENDING', and 'SCHEDULED'. The 'PENDING' filter is currently selected. The footer of the application shows 'VA TeleDerm v1.0' and 'Logged In as'.



Imager: Getting details on imaging consult

The screenshot shows the VA TeleDerm web application interface. The browser address bar displays the URL: <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c>. The page header includes the VA TeleDerm logo and user information: MobileAppVeteran, One, 05/05/1900, 000000123456.

Results (2)

Refreshed: 11:41

Filters

- ACTIVE
- CANCELLED
- COMPLETE
- DISCONTINUED
- NO STATUS
- OTHER
- PARTIAL RESULTS
- PENDING
- SCHEDULED

List: Dermatology Consults New Imager Consult +

| Date | Description | Status | IEN |
|--|---|---------|---------|
| 4/18/18 | TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons | Pending | 2593211 |
| TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons #:2593211 Complete Consult | | | |
| Related Documents | | | |
| Current Pat. Status: Outpatient Primary Eligibility: HUMANITARIAN EMERGENCY(PENDING VERIFICATION) Patient Type: NON-VETERAN (OTHER) OEF/OIF: NO | | | |
| Order Information To Service: TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST From Service: EUR PACT A Requesting Provider: Service is to be rendered on an OUTPATIENT basis Place: Consultant's choice | | | |
| 4/6/18 | TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT Cons | Active | 2586987 |

VA TeleDerm v1.0 Logged In as



Imager: Selecting proper clinic location

VA TeleDerm

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Provider & Location for Current Activities

Encounter Provider: Q Search

Encounter Provider Results*: Oh,Dennis Hyun - ASSISTANT CHIEF OF SERVIK

Select Location Type
 Clinic Appointments Hospital Admissions New Visit

Visit Location*

Filter: eur pact Q Search

Date of Visit*: 2018-04-18

- EUR PACT ACCESS 2
- EUR PACT B
- EUR PACT C
- EUR PACT D
- EUR PACT E
- EUR PACT E

Cancel Create New Visit

VA TeleDerm v1.0 Logged In as



Imager: Selecting proper progress note title

VA TeleDerm

Preferences

https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c

MobileAppVeteran, One
05051900
000000123456

VA TeleDerm

Consult Note Properties

Progress Note Title

tele

Progress Note Title Results*

TELEDERMATOLOGY <TELEDERMATOLOGY IM

Date of Note

2018-04-18

Author

Author Results

Oh,Dennis Hyun - ASSISTANT CHIEF OF SERVI

Education: The Patient Understands that:

1. Images will be placed in the VA computer system to be remotely viewed by a dermatology provider and that recommendations will be conveyed to the patient's provider.
2. Recommendations are based solely on a review of the patient's submitted history and photographic images.
3. A conventional, in-person dermatology referral is an option, but may require additional travel and time.

Level of understanding*

Good

Comment

Patient understands and consents to have images taken, viewed, and interpreted using the Teledermatology process*

Yes. Patient consents to the above No. Primary Care Provider to discuss other options with patient

VA TeleDerm v1.0

Logged in as



Imager: Completing programmatic questions

VA TeleDerm

Preferences

https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c

VA TeleDerm

Good

Patient understands and consents to have images taken, viewed, and interpreted using the Teledermatology process*

Yes, Patient consents to the above No, Primary Care Provider to discuss other options with patient

If this Teledermatology consult was not possible, would you be a Veteran?

Not see a dermatologist

Wait for an appointment and travel to see the nearest VA dermatologist

Try to see a dermatologist outside of the VA

Please estimate how many miles (one way) you would need to drive to see the nearest VA dermatologist in person?

0 - 50 miles 51 - 100 miles

101 - 200 miles 201 - 300 miles

over 300 miles

This consult addresses a

new condition prior consult

prior clinic visit

Reason for consult

Diagnosis

Treatment/Management Recommendations

Second Opinion

Other

What bothers you most about your skin today?

On a scale of 0-4 (0=never bothered and 4=always bothered)

During the past week, how much have you been bothered by symptoms from this skin problem (e.g. itching or pain from the problem)?

0 1 2 3 4 No Answer

During the past week, how much have you been bothered emotionally by this skin problem (e.g. worry, embarrassment, or frustration about the problem)?

0 1 2 3 4 No Answer

During the past week, how much have you been bothered by effects of this skin problem on your activities (e.g. going out, or your relationship with others)?

0 1 2 3 4 No Answer

Additional Comments

Consult Reason for Request: **itching rash**

IMAGING INSTRUMENTS: Chest and back

CONSULT ADDRESSES AN: **itching rash**

REASON FOR REQUEST: Diagnosis, Treatment Management Recommendations

CHEF COMPLAINT: Itching rash

HISTORY OF SKIN CANCER: Basal Cell Carcinoma

FAMILY HISTORY OF MELANOMA: Unknown

OTHER PRIOR SKIN DISORDERS: No

NEW MEDICATION OR SUPPLEMENT STARTED RECENTLY: No

CURRENT SYMPTOMS: Weight Loss

PATIENT BURNING/POPPING: No

Cancel Finish

VA TeleDerm v1.0



Imager: Identifying gaps in history

0 1 2 3 4 NO ANSWER

Additional Comments

Consult Reason for Request: **Unspecified Value**

OTHER SIGNIFICANT HISTORY, LABORATORY FINDINGS: No

CONSTITUTIONAL SYMPTOMS: No

MUSCULOSKELETAL SYMPTOMS: No

PROBLEM A

LOCATIONS: trunk

STARTED: months

SYMPTOMS: Itching

RECENT CHANGES: Size, Color

PRIOR TREATMENT: (UNSPECIFIED)

PRIOR BIOPSY: (UNSPECIFIED)

Cancel

Finish



Imager: Confirming the imaging consult is completed

The screenshot shows the VA TeleDerm web application interface. The browser address bar displays the URL: <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c>. The page title is "VA TeleDerm".

On the left side, there is a "Filters" panel with the following options:

- ACTIVE
- CANCELLED
- COMPLETE
- DISCONTINUED
- NO STATUS
- OTHER
- PARTIAL RESULTS
- PENDING
- SCHEDULED

The main content area displays a table titled "List: Dermatology Consults". The table has four columns: "Date", "Description", "Status", and "IEN". The "Status" column for the first row is circled in red.

| Date | Description | Status | IEN |
|---------|---|----------|---------|
| 4/18/18 | TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons | Complete | 2593211 |
| 4/6/18 | TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT Cons | Active | 2586987 |

At the bottom left, it says "VA TeleDerm v1.0". At the bottom right, it says "Logged in as".



Imaging consult request is complete in CPRS

Vista CPRS in use by: Oh,Dennis Hyun (vista.sanfrancisco.med.va.gov)

File Edit View Action Options Tools Help

ZZMANITARIAN,HUGH J (OUTPATIENT) Visit Not Selected No PACT assigned at any VA location /
000-00-1538 Nov 11,1960 (57) Provider: Flag JLJ Remote Data ? No Postings

Apr 18,18 to Apr 18,18 Apr 18,18 (c) TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons Consult #: 2593211

Consults by Date Range
Apr 18,18 (c) TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons

New Consult
New Procedure

Related Documents
Apr 18,18 TELEDERMATOLOGY IMAGING EUREKA REQUEST CONSULT (#2862173)

Current Pat. Status: Outpatient
Primary Eligibility: HUMANITARIAN EMERGENCY (PENDING VERIFICATION)
Patient Type: NON-VETERAN (OTHER)
OEF/OIF: NO

Order Information
To Service: TELEDERMATOLOGY EUREKA IMAGING- CONSULT REQUEST
From Service: EUR PACT A
Requesting Provider:
Service is to be rendered on an OUTPATIENT basis
Place: Consultant's choice
Urgency: Routine
Clinically Ind. Date:
Orderable Item: TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST
Consult: Consult Request
Provisional Diagnosis: Rash and other Nonspecific Skin Eruption(ICD-10-CM R21.)

Reason For Request:
IMAGING INSTRUCTIONS: Chest and back
CONSULT ADDRESSES AN: New Condition
REASON FOR REQUEST: Diagnosis, Treatment Management Recommendations
CHIEF COMPLAINT: Itching rash
HISTORY OF SKIN CANCER: Basal Cell Carcinoma
FAMILY HISTORY OF MELANOMA: Unknown
OTHER PRIOR SKIN DISORDERS: No
NEW MEDICATION OR SUPPLEMENT STARTED RECENTLY: No
CURRENT SYMPTOMS: Weight Loss
PATIENT IMMUNOSUPPRESSED: No
OTHER SIGNIFICANT HISTORY, LABORATORY FINDINGS: No
CONSTITUTIONAL SYMPTOMS: No
MUSCULOSKELETAL SYMPTOMS: No
PROBLEM A
LOCATIONS: trunk
STARTED: months
SYMPTOMS: Itching
RECENT CHANGES: Size, Color
PRIOR TREATMENT: {UNSPECIFIED}
PRIOR BIOPSY: {UNSPECIFIED}

Inter-facility Information

Cover Sheet | Problems | Meds | Orders | Notes | Consults | Surgery | D/C Summ | Labs | Reports



Imager note appears in CPRS

Vista CPRS in use by: Oh,Dennis Hyun (vista.sanfrancisco.med.va.gov)

File Edit View Action Options Tools Help

ZZMANITARIAN,HUGH J (OUTPATIENT) Visit Not Selected No PACT assigned at any VA location /

000-00-1538 Nov 11,1960 (57) Provider: Flag JLJ Remote Data ? No Postings

Last 300 Signed Notes (Total: 4) Visit: 04/18/18 TELEDERMATOLOGY IMAGING EUREKA REQUEST CONSULT, EUR PACT B, Dennis H. Oh, M.D., Ph.D. (A)

| Date | Title | Author | Location |
|-----------|-------------------------------------|--------|------------|
| Apr 18,18 | TELEDERMATOLOGY IMAGING EUREKA R... | | EUR PACT B |

LOCAL TITLE: TELEDERMATOLOGY IMAGING EUREKA REQUEST CONSULT
STANDARD TITLE: TELEHEALTH CONSULT
DATE OF NOTE: APR 18, 2018@14:48 ENTRY DATE: APR 18, 2018@11:55:46
AUTHOR: OH,DENNIS HYUN EXP COSIGNER:
URGENCY: STATUS: COMPLETED

The patient was educated regarding the Teledermatology process at this encounter.
Level of Understanding:Good
Patient understands and consents to have images taken, viewed and interpreted using the Teledermatology process.
Yes. Patient consents to the above
If this Teledermatology consult was not possible, would Veteran:
Please estimate how many miles (one way) you would need to drive to see the nearest VA dermatologist in person?
This consult addresses a
Reason for consult:
What bothers you most about your skin today?
On a scale of 0-4 (0=never bothered and 4=always bothered):
During the past week, how much have you been bothered by symptoms from this skin problem (e.g. itching or pain from the problem)?
During the past week, how much have you been bothered emotionally by this skin

Cover Sheet | Problems | Meds | Orders | Notes | Consults | Surgery | D/C Summ | Labs | Reports



Imager: Preparing to order a Reader consult

The screenshot shows the VA TeleDerm web application interface. The browser address bar displays the URL: <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c>. The page header includes the VA TeleDerm logo and the user's name: MobileAppVeteran, One (05/05/1900, 000000123456).

The main content area displays a list of Dermatology Consults. The list has columns for Date, Description, Status, and IEN. The first row shows a consult from 4/18/18, described as 'TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons', with a status of 'Complete' and IEN 2593211.

The detailed view for the selected consult (#2593211) is shown below the list. It includes a 'Create Reader Consult' button, which is circled in red. The 'Related Documents' section shows a document from 4/18/18, titled 'TELEDERMATOLOGY IMAGING EUREKA REQUEST CONSULT (#28621737)', with the author 'Location: EUR PACT B'. The document details include:

- Current Pat. Status: Outpatient
- Primary Eligibility: HUMANITARIAN EMERGENCY(PENDING)
- Patient Type: NON-VETERAN (OTHER)
- OE/OIF: NO
- Order Information:
 - To Service: TELEDERMATOLOGY EUREKA IMAGING C
 - From Service: EUR PACT A
 - Requesting Provider:
 - Service is to be rendered on an OUTPATIENT basis

The second row in the list shows a consult from 4/6/18, described as 'TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT Cons', with a status of 'Active' and IEN 2586987.

The footer of the application displays 'VA TeleDerm v1.0' and 'Logged In'.



Imager: Ordering the Reader consult request

VA TeleDerm

Preferences

https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Create New Reader Consult

Consult to Service/Specialty
TELEDERMATOLOGY EUREKA READER CONS

Patient will be seen
 Outpatient Inpatient

Attention
[Search]

Attention Results
[Dropdown]

Clinically indicated date
2018-04-18

Urgency
ROUTINE

Place of Consultation
CONSULTANT'S CHOICE

Provisional Diagnosis
[Text] Lexicon

Reason For Request
LOCAL TITLE: TELEDERMATOLOGY IMAGING EUREKA REQUEST CONSULT
STANDARD TITLE: TELEHEALTH CONSULT
DATE OF NOTE: APR 18, 2018@14:48 ENTRY DATE: APR 18, 2018@11:55:46
AUTHOR: EXP COSIGNER:
URGENCY: STATUS: COMPLETED

Cancel Create Consult

VA TeleDerm v1.0 Logged in



Imager: Signing the Reader consult order

VA TeleDerm

Preferences

https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/s

MobileAppVeteran, One
05051900
000000123456

VA TeleDerm

Sign Order

Review Order

TELEDERMATOLOGY EUREKA READER CONSULT OUTPT Cons CONSULTANT'S CHOICE
UNSIGNED

Activity:
04/18/2018 12:05 New Order entered by OH,DENNIS HYUN (ASSISTANT CHIEF)
Order Text: TELEDERMATOLOGY EUREKA READER CONSULT OUTPT Cons CONSULTANT'S
CHOICE
Nature of Order: ELECTRONICALLY ENTERED
Ordered by:
Signature: NOT SIGNED

Order Description: TELEDERMATOLOGY EUREKA READER CONSULT OUTPT Cons CONSULTANT'S CHOICE
UNSIGNED
Order Date: Apr 18, 2018 12:05:00 PM

Electronic Signature Code

Cancel Sign

VA TeleDerm v1.0

Logged |



Imager: Confirming the Reader consult is pending

The screenshot shows a web browser window with the URL <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/s>. The page header includes the text "MobileAppVeteran, One 05/05/1900 000000123456" and "VA TeleDerm". Below the header, there is a section titled "List: Reader Consults" with a dropdown arrow. This section contains a table with the following data:

| Date | Service | Procedure Sending Provider | Status | IEN |
|------------------|--|----------------------------|---------|---------|
| 4/18/18 12:06 PM | TELEDERMATOLOGY EUREKA READER CONSULT OUTPT | | PENDING | 2593271 |
| 4/6/18 12:35 PM | TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT | | ACTIVE | 2586987 |

At the bottom of the page, there is a footer with "VA TeleDerm v1.0" on the left and "Logged in:" on the right.



Reader consult request is pending in CPRS

Vista CPRS in use by: Oh,Dennis Hyun (vista.sanfrancisco.med.va.gov)

File Edit View Action Options Tools Help

ZZMANITARIAN,HUGH J (OUTPATIENT) Visit Not Selected No PACT assigned at any VA location /

000-00-1538 Nov 11,1960 (57) Provider: Flag JLJ Remote Data No Postings

All Consults

- All consults
 - Apr 18,18 (p) **TELEDERMATOLOGY EUREKA READER CONSULT OUTPT Cons Consult**
 - Apr 18,18 (c) TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons Consult
 - Apr 06,18 (a) TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT Cons Consult #: 21
 - Feb 19,18 (dc) TELEDERMATOLOGY EUREKA IMAGING CONSULT REQUEST Cons Consult

Apr 18,18 (p) TELEDERMATOLOGY EUREKA READER CONSULT OUTPT Cons Consult #: 2593271

Current Pat. Status: Outpatient
Primary Eligibility: HUMANITARIAN EMERGENCY (PENDING VERIFICATION)
Patient Type: NON-VETERAN (OTHER)
OEF/OIF: NO

Order Information
To Service: TELEDERMATOLOGY EUREKA READER CONSULTI OUTPT
From Service: EUR PACT B
Requesting Provider:
Service is to be rendered on an OUTPATIENT basis
Place: Consultant's choice
Urgency: Routine
Clinically Ind. Date:
Orderable Item: TELEDERMATOLOGY EUREKA READER CONSULTI OUTPT
Consult: Consult Request
Reason For Request:
LOCAL TITLE: TELEDERMATOLOGY IMAGING EUREKA REQUEST CONSULT
STANDARD TITLE: TELEHEALTH CONSULT
DATE OF NOTE: APR 18, 2018@14:48 ENTRY DATE: APR 18, 2018@11:55:46
AUTHOR: EXP COSIGNER:
URGENCY: STATUS: COMPLETED

The patient was educated regarding the Tele dermatology process at this encounter.
Level of Understanding:Good
Patient understands and consents to have images taken, viewed and interpreted using the Tele dermatology process.
Yes. Patient consents to the above
If this Tele dermatology consult was not possible, would Veteran:
Please estimate how many miles (one way) you would need to drive to see the nearest VA dermatologist in person?
This consult addresses a
Reason for consult:
What bothers you most about your skin today?
On a scale of 0-4 (0=never bothered and 4=always bothered):
During the past week, how much have you been bothered by symptoms from this skin problem (e.g. itching or pain from the problem)?

New Consult
New Procedure

No related documents found

Cover Sheet | Problems | Meds | Orders | Notes | **Consults** | Surgery | D/C Summ | Labs | Reports



Imager: Preparing to capture images

The screenshot shows a web browser window with the URL <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/s>. The page title is "VA TeleDerm". The main content area displays a list of reader consults under the heading "List: Reader Consults".

| Date | Service | Procedure Sending Provider | Status | IEN |
|--|--|----------------------------|---------|---------|
| 4/18/18 12:06 PM | TELEDERMATOLOGY EUREKA READER CONSULT OUTPT | | PENDING | 2593271 |
| 4/18/18 12:06 PM (TELEDERMATOLOGY EUREKA READER CONSULT OUTPT) Consult#: 2593271 | | | | |
| <p>Current Pat. Status: Outpatient Primary Eligibility: HUMANITARIAN EMERGENCY(PENDING VERIFICATION) Patient Type: NON-VETERAN (OTHER) OEF/OIF: NO</p> <p>Order Information To Service: TELEDERMATOLOGY EUREKA READER CONSULT OUTPT From Service: EUR FACT B Requesting Provider: [REDACTED] Service is to be rendered on an OUTPATIENT basis Place: Consultant's choice</p> | | | | |
| 4/6/18 12:35 PM | TELEDERMATOLOGY CLEARLAKE IMAGING CONSULT | PERACCA,SARA | ACTIVE | 2586987 |

A red circle highlights the "Select" button next to the first consult entry.

At the bottom of the page, there is a footer with "VA TeleDerm v1.0" on the left and "Logged in" followed by a redacted name on the right.



Imager: Preparing to capture images

- Tap **Reader Consults** from the List heading
- Tap on a consult from the results list, and tap **Select**
- You will go to a Capture Images screen and view details about the image
- Tap **Take Picture*** to preview the selected image or upload a saved image file
- Tap **Capture Image** to verify the images you want stored to VistA

VA TeleDerm

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Capture Images

TELEDERMATOLOGY EUREKA READER CONSULT OUTPT - 4/18/18
12:06 PM

| | |
|---|-----------------------------|
| Document/Image Date | Origin |
| 2018-04-18 | VA |
| Document/Image Type | Specialty |
| CONSULT | DERMATOLOGY |
| Proc/Event | Image Description |
| PHOTOGRAPHY | Imaging Dermatology Consult |
| <input type="checkbox"/> Controlled Image | |

Capture the following image views:

- Identifier View w/ Measure
- Forest View
- Oblique View
- Macro View
- Identifier View
- Dermoscopic View (optional)
- Other View

Take Picture

Cancel Capture Images

VA TeleDerm v1.0 Logged In



Imager: Review images before upload

VA TeleDerm

Preferences

https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

Controlled Image

Capture the following image views:

- Identifier View w/ Measure
- Forest View
- Oblique View
- Macro View
- Identifier View
- Dermoscopic View (optional)
- Other View

Take Picture



comment

Remove Zoom In

Image 1 of 1

Cancel Capture Images

VA TeleDerm v1.0

Logged in a



Imager: Confirming upload occurred

The screenshot shows a web browser window with the URL `https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/c`. The application interface includes a menu, a search bar, and a list of capture options: Identifier View w/ Mes, Forest View, Oblique View, Macro View, Identifier View, Dermoscopic View (optional), and Other View. A "Take Picture" button is visible. A central image shows a close-up of a patient's skin. Below the image is a "comment" input field and "Remove" and "Zoom In" buttons. At the bottom, there are "Cancel" and "Capture Images" buttons. A white modal dialog titled "Images Uploaded" is centered on the screen, containing the text: "Successfully stored 1 images in VistA Imaging. Click 'View Patient Studies' to view thumbnails of the images". The dialog has "Close" and "View Patient Studies" buttons, with the latter highlighted by a red circle.



Imager: Confirming study is pending

The screenshot shows a web browser window with the URL <https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/s>. The page title is "VA TeleDerm". The user is identified as "MobileAppVeteran, One" with ID "05/05/1900" and "000000123456".

Below the header, there is a section titled "List: Patient Studies" with a dropdown arrow. It contains a table with the following data:

| Procedure Date | Procedure | Short Description | Image Count | Capture Date |
|------------------|---|-----------------------------|-------------|------------------|
| 4/18/18 12:06 PM | TELEDERMATOLOGY EUREKA READER CONSULT OUTPT | Imaging Dermatology Consult | 1 | 4/18/18 12:12 PM |

At the bottom of the page, the footer displays "VA TeleDerm v1.0" on the left and "Logged In €" on the right.



Imager: Confirming images uploaded

VA TeleDerm

Preferences

https://staff.mobilehealth.va.gov/teledermworkflow/patientDetails/s

MobileAppVeteran, One
05/05/1900
000000123456

VA TeleDerm

List: Patient Studies

| Procedure Date | Procedure | Short Description | Image Count | Capture Date |
|------------------|--|--------------------------------|-------------|------------------|
| 4/18/18 12:06 PM | TELEDERMATOLOGY EUREKA READER CONSULT OUTPT | Imaging Dermatology Consult | 1 | 4/18/18 12:12 PM |



Imaging Dermatology
Consult

VA TeleDerm v1.0

Logged In €



VA Telederm configuration

TeleMedicine Web - Admin

UCSF mai Research at ...view Board VA Research Submit When Giants...New Yorker NCIRE accounts What is App...ommunities Dashboard | RAP | UCSF

TeleMedicine Web - Admin

VA Telederm Administration Page

Logout

Site Service:

Site Number

Site Service URL

Configured Site Information:
Site Name:
Site Number:
Site Abbreviator:
Vista Host:
Vista Port:

Provider:

Consult to Service/Specialty

This configures the provider to imager consult

Default Consult Statuses

The consult statuses that are displayed by default:

- ACTIVE
- CANCELLED
- COMPLETE
- DISCONTINUED
- NO STATUS
- OTHER
- PARTIAL RESULTS
- PENDING
- SCHEDULED

Consult Description Contains

The list of consults will be filtered to only include those which contain the following text in the description:

Imager:

Progress Note Title

This configures the progress note used by the imager to complete the consult created by the provider.

Filter



LEARN MORE

Access the app's training materials
and give feedback about the app on
the VA Beta App Store:

mobile.va.gov/app/beta/va-telederm



QUESTIONS





THANK YOU!

What future topics would you like to discuss?

Let us know by providing feedback
at this link:

<https://www.surveymonkey.com/r/62VWS36>