

Clinical Decision Support (CDS) Content and Health Level 7 (HL7)- compliant Knowledge Artifacts (KNARTs)

General E-Consult Clinical Content White Paper

Department of Veterans Affairs (VA)



**Knowledge Based Systems (KBS)
Office of Informatics and Information Governance (OIIG)
Clinical Decision Support (CDS)**

Clinical Decision Support (CDS) Content and Health Level 7 (HL7)-compliant Knowledge Artifacts (KNARTs): General E-Consult Clinical Content White Paper

by Department of Veterans Affairs (VA)

Publication date April 2018

Contract: VA118-16-D-1008, Task Order (TO): VA-118-16-F-1008-0007

Table 1. Relevant KNART Information: General E-Consult

KNART Name	Associated CLIN
General E-Consult - Documentation Template	CLIN0005AA

Table of Contents

VA Subject Matter Expert (SME) Panel.....	vi
Introduction	vii
Conventions Used.....	viii
1. General E-Consult	1
1.1. Clinical Context	1
1.2. Knowledge Artifacts	1
2. Documentation Template: E-Consult Request.....	3
2.1. Knowledge Narrative	3
2.2. E-Consult Request.....	3
Bibliography/Evidence	8
A. Existing Sample VA Artifacts	9
B. Acronyms	22

List of Figures

A.1. E-Consult Instructions (Image 1 of 13).....	9
A.2. E- Consult Instructions (Image 2 of 13).....	10
A.3. E- Consult Instructions (Image 3 of 13).....	11
A.4. E- Consult Instructions (Image 4 of 13).....	12
A.5. E-Consult Instructions (Image 5 of 13).....	13
A.6. E-Consult Instructions (Image 6 of 13).....	14
A.7. E-Consult Instructions (Image 7 of 13).....	15
A.8. E-Consult Instructions (Image 8 of 13).....	16
A.9. E-Consult Instructions (Image 9 of 13).....	17
A.10. E-Consult Instructions (Image 10 of 13).....	18
A.11. E-Consult Instructions (Image 11 of 13).....	19
A.12. E-Consult Instructions (Image 12 of 13).....	20
A.13. E-Consult Instructions (Image 13 of 13).....	21

List of Tables

1. Relevant KNART Information: General E-Consult	ii
1.1. Clinical Context Domains.....	1

VA Subject Matter Expert (SME) Panel

Name	Title	Project Role
Angela Denietolis, MD	Primary Care Physician, James A. Haley Veterans Hospital, Tampa VA Medical Center (VAMC), Tampa, FL 33612	SME, Primary
Pat Dumas, RN	Clinical Program Director, VA Central Office (VACO), 810 Vermont Avenue NW, Washington, DC 20420	SME, Secondary
Manish Merchant, MD	Health Informatician, Albany VAMC, 113 Holland Avenue, Albany, NY 12208	SME
Timothy Dresselhaus, MD	Chief, Primary Care Service, San Diego VAMC - MEDS, 3350 La Jolla Village Drive, San Diego, CA 92161	SME
David Douglas, MD	Facility Chief Health Informatics Officer, Portland VAMC, Portland, OR 97239	E-Consult Expert

Introduction

The VA is committed to improving the ability of clinicians to provide care for patients while increasing quality, safety, and efficiency. Recognizing the importance of standardizing clinical knowledge in support of this goal, VA is implementing the Health Level 7 (*HL7*) Knowledge Artifact Specification for a wide range of VA clinical use cases. Knowledge Artifacts, referred to as (*KNARTs*), enable the structuring and encoding of clinical knowledge so the knowledge can be integrated with electronic health records to enable clinical decision support.

The purpose of this Clinical Content White Paper (*CCWP*) is to capture the clinical context and intent of *KNART* use cases in sufficient detail to provide the *KNART* authoring team with the clinical source material to construct the corresponding knowledge artifacts using the *HL7* Knowledge Artifact Specification. This paper has been developed using material from a variety of sources: VA artifacts, clinical practice guidelines, evidence in the body of medical literature, and clinical expertise. After reviewing these sources, the material has been synthesized and harmonized under the guidance of VA subject matter experts to reflect clinical intent for this use case.

Unless otherwise noted, items within this white paper (e.g., documentation template fields, orderable items, etc.) are chosen to reflect the clinical intent at the time of creation. To provide an exhaustive list of all possible items and their variations is beyond the scope of this work.

Conventions Used

Conventions used within the knowledge artifact descriptions include:

<obtain>: Indicates a prompt to obtain the information listed

- If possible, the requested information should be obtained from the underlying system(s). Otherwise, prompting the user for information may be required
- The technical and clinical notes associated with a section should be consulted for specific constraints on the information (e.g., time-frame, patient interview, etc.).
- Default Values: Unless otherwise noted, <obtain> indicates to obtain the most recent observation. It is recognized that this default time-frame value may be altered by future implementations

[...]: Square brackets enclose explanatory text that indicates some action on the part of the clinical user, or general guidance to the clinical or technical teams. Examples include, but are not limited to:

[Begin ...], [End ...]: Indicates the start and end of specific areas to clearly delineate them for technical purposes.

[Activate ...]: Initiates another knowledge artifact or knowledge artifact section.

[Section Prompt: ...]: If this section is applicable, then the following prompt should be displayed to the user.

[Section Selection Behavior: ...]: Indicates technical constraints or considerations for the selection of items within the section.

[Attach: ...]: Indicates that the specified item should be attached to the documentation template if available.

[Link: ...]: Indicates that rather than attaching an item, a link should be included in the documentation template.

[Clinical Comment: ...]: Indicates clinical rationale or guidance.

[Technical Note: ...]: Indicates technical considerations or notes.

[If ...]: Indicates the beginning of a conditional section.

[Else, ...]: Indicates the beginning of the alternative branch of a conditional section.

[End if ...]: Indicates the end of a conditional section.

☐ [Check boxes]: Indicate items that should be selected based upon the section selection behavior.

Chapter 1. General E-Consult

1.1. Clinical Context

[Begin Clinical Context.]

Referral of patients for subspecialty consultation is a common task in clinical practice. The available evidence (Akbari, 2008: <https://www.ncbi.nlm.nih.gov/pubmed/16034981>) suggests that there is considerable room for improvement in current referral practices, with potential organizational, patient care, and financial benefits. Using an electronic interface to place the consult request and provide key information to the consultant, E-consults provide a mechanism for facilitating consultation between providers who are located in separate facilities or in separate clinics within a single facility, without expectation that patient and consulting specialist meet face to face.

In the traditional face-to-face clinical consultation, one clinical provider may request that another clinical provider see a patient for an in-person consultation (for example, a cardiology consult for a patient with chest pain unresolved with medication, in which the cardiologist sees the patient in person). In the VA, a second option for consultation exists called an "E-consult" in which the consulting provider does not see the patient in person, but rather reviews the patient's clinical data as available in the electronic record system and as provided by the requesting provider, and renders a consultative opinion about the patient back to the treating clinician. The request for an E-Consult is operationalized as an electronic notification in which the requesting clinical provider seeks information from a specialist to whom the notification will be sent, without a requirement for the specialist having a face-to-face encounter with the patient.

By way of full description of the clinical utility of the E-Consult option for consult requests, the E-consult may or may not result in a subsequent consult request being submitted for the consulting provider to see the patient directly in a face-to-face visit, or via other venue for direct communication such as a telemedicine consult between patient and specialist.

Table 1.1. Clinical Context Domains

Target User	Clinical providers
Patient	Adult patients in any clinical setting
Priority	Stat E-Consult: response within 24 hours Routine E-Consult: response as soon as possible, but within 7 days Routine E-Consult with Scheduling Instructions: response time-frame specified by ordering provider
Specialty	Any clinical specialty needing an E-Consult
Location	All

[End Clinical Context.]

1.2. Knowledge Artifacts

[Begin Knowledge Artifacts.]

This section describes a knowledge artifact that is intended for clinicians caring for adult patients in any clinical setting and for whom the requesting clinical provider seeks information from a specialist without first requiring the specialist to see the patient for an in-person visit.

One knowledge artifact, the E-Consult Request Documentation Template, defines this clinical use case and is described in detail in the following section.

- Documentation Template: E-Consult Request KNART
 - Documentation Template meant to communicate the request for specialty consultation electronically
 - Includes logic for appropriate display of documentation sections

[End Knowledge Artifacts.]

Chapter 2. Documentation Template: E-Consult Request

[Begin Documentation Template: E-Consult Request.]

[Clinical Comment: The E- Consult Request documentation template is applicable to adult patients in any clinical setting.]

2.1. Knowledge Narrative

[Begin Knowledge Narrative.]

[See Clinical Context in Chapter 1.]

[End Knowledge Narrative.]

2.2. E-Consult Request

[Begin E-Consult Request.]

[Section Prompt: E-Consult Request:]

[Section Selection Behavior: Select one. Required.]

- ☐ E-Consult Request

[Section Prompt: Select Specialty Service for E-Consult:]

[Clinical Comment: In future, one would make specific E-consult forms available to provider based on selected subspecialty if such forms exist.]

[Section Selection Behavior: Select one. Required.]

[Technical Note: Please provide the clinical user the functionality of a search box into which they can type the first few letters of or the full name of the specialty service they are seeking to consult, as a means to navigating more quickly to the correct check box in the list of Specialties below.]

[Section Prompt: Medicine.]

- ☐ Adolescent Medicine
- ☐ Allergy and Immunology
- ☐ Anesthesiology
- ☐ Cardiology
- ☐ Critical Care
- ☐ Dermatology
- ☐ Emergency Medicine
- ☐ Endocrinology
- ☐ Gastroenterology
- ☐ Genetics and Genomics

- ☐ Geriatrics
- ☐ Hematology
- ☐ Hospice and Palliative Medicine
- ☐ Infectious Disease
- ☐ Internal Medicine
- ☐ Nephrology
- ☐ Neurology
- ☐ Occupational Medicine
- ☐ Oncology
- ☐ Ophthalmology
- ☐ Optometry
- ☐ Pain Medicine
- ☐ Pathology
- ☐ Pediatrics
- ☐ Physical Medicine and Rehabilitation
- ☐ Primary Care
- ☐ Pulmonology
- ☐ Rheumatology
- ☐ Sleep Medicine
- ☐ Sports Medicine - Nonsurgical
- ☐ Travel Medicine
- ☐ Undersea and Hyperbaric Medicine

[Section Prompt: Surgery.]

- ☐ Burn surgery
- ☐ Cardiothoracic Surgery
- ☐ General Surgery
- ☐ Neurosurgery
- ☐ Obstetrics and Gynecology
 - ☐ Gynecologic Oncology
 - ☐ Gynecology
 - ☐ Obstetrics
- ☐ Ophthalmology

- ☐ Orthopedics
- ☐ Otolaryngology
- ☐ Plastic and Reconstructive Surgery
- ☐ Sports Medicine - Surgical
- ☐ Trauma and Emergency Surgery
- ☐ Urology
- ☐ Vascular Surgery

[Section Prompt: Mental Health.]

- ☐ Mental Health
- ☐ Psychiatry

[Section Prompt: Radiology.]

- ☐ Diagnostic Radiology
- ☐ Interventional Radiology
- ☐ Nuclear Medicine
- ☐ Radiation Therapy

[Section Prompt: Long Term Care.]

- ☐ Long Term Care (may include nursing homes, skilled nursing facilities, and other assisted living facilities)

[Section Prompt: Dental Consult.]

- ☐ Dental Consult

[Section Prompt: Ancillary Clinical Services.]

- ☐ Blood Bank
- ☐ Nutrition
- ☐ Pharmacy
- ☐ Social Work
- ☐ Toxicology
- ☐ Wound Care
- ☐ Other
 - <obtain> Other Ancillary Clinical Services

[Section Prompt: Other Specialty Consults.]

- <obtain> Other Specialty

[Section Prompt: Reason for E-Consult?]

- <obtain> Reason for E-Consult

[Section Prompt: Indicate patient's location.]

[Section Selection Behavior: Select one. Required.]

- ☐ Inpatient
- ☐ Outpatient
- ☐ Other Specific Location
 - <obtain> Details

[Section Prompt: Specify E-Consult Priority as follows:]

- ☐ Stat E-Consult: response within 24 hours
- ☐ Routine E-Consult: response as soon as possible, but within 7 days
- ☐ Routine E-Consult with Scheduling Instructions: response time-frame specified by ordering provider

[Section Prompt: The clinical provider requesting the E-Consult with "Stat" priority must verbally contact the desired consulting provider and document their name below.]

[Technical Note: For any selection (Stat, Routine, Routine with Scheduling Information), all <obtain> statements are Required, except the two instances where "(optional entry)" appears to the clinical user at the end of the <obtain> statement.]

[Section Prompt: Stat E-Consult:]

[Technical Note: Display this portion of the consult request only when the user selects "Stat E-Consult" above.]

- <obtain> Provider Accepting Request to Provide E-Consult (required)
- <obtain> Provisional Diagnosis
- <obtain> Additional Patient Information (Relevant History, Examination, Labs, Imaging, etc.)
- <obtain> Referring Physician
- <obtain> Referring Physician Contact Information

[Section Prompt: Routine E-Consult:]

[Technical Note: Display this portion of the consult request only when the user selects "Routine E-Consult" above.]

- <obtain> Provisional Diagnosis
- <obtain> Additional Patient Information (Relevant History, Examination, Labs, Imaging, etc.)
- <obtain> Referring Physician
- <obtain> Referring Physician Contact Information
- <obtain> Provider Accepting Request to Provide E-Consult (optional entry)

[Section Prompt: Routine with Scheduling Instructions E-Consult:]

[Technical Note: Display this portion of the consult request only when the user selects "Routine with Scheduling Instructions E-Consult" above.]

- <obtain> Scheduling Instructions
- <obtain> Timeframe for scheduling consult (Example: within 10 days)

Documentation Template: E-Consult
Request

- <obtain> Provisional Diagnosis
- <obtain> Additional Patient Information (Relevant History, Examination, Labs, Imaging, etc.)
- <obtain> Referring Physician
- <obtain> Referring Physician Contact Information
- <obtain> Provider Accepting Request to Provide E-Consult (optional entry)

[End E-Consult Request.]

[End Documentation Template: E-Consult Request.]

Bibliography/Evidence

[Akbari, 2008] A. Akbari, A. Mayhew, MA Al-Alawi, and et al. "Interventions to improve outpatient referrals from primary care to secondary care". *Cochrane Database Syst Rev*. 2008. 4. CD005471.

Department of Veterans Affairs. *Consult Processes and Procedures*. August 2016.

https://vaww.vha.vaco.portal.va.gov/sites/DUSHOM/10NA/ACAO/ConsultManagement/Policy/Consult%20Management%20Directive/Published%20Directive-1232_D_2016-08-23.pdf.

Appendix A. Existing Sample VA Artifacts

Figure A.1. E-Consult Instructions (Image 1 of 13)

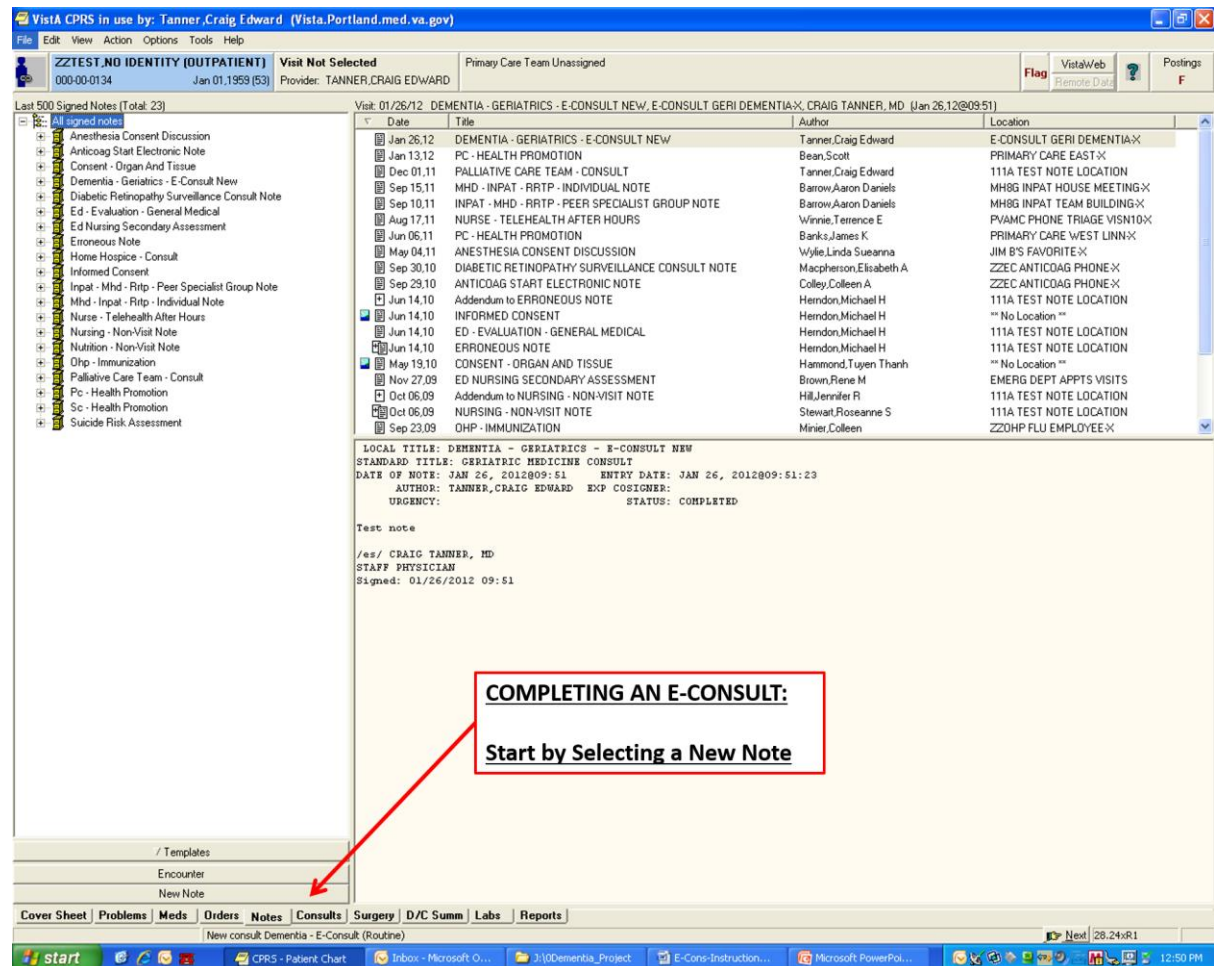


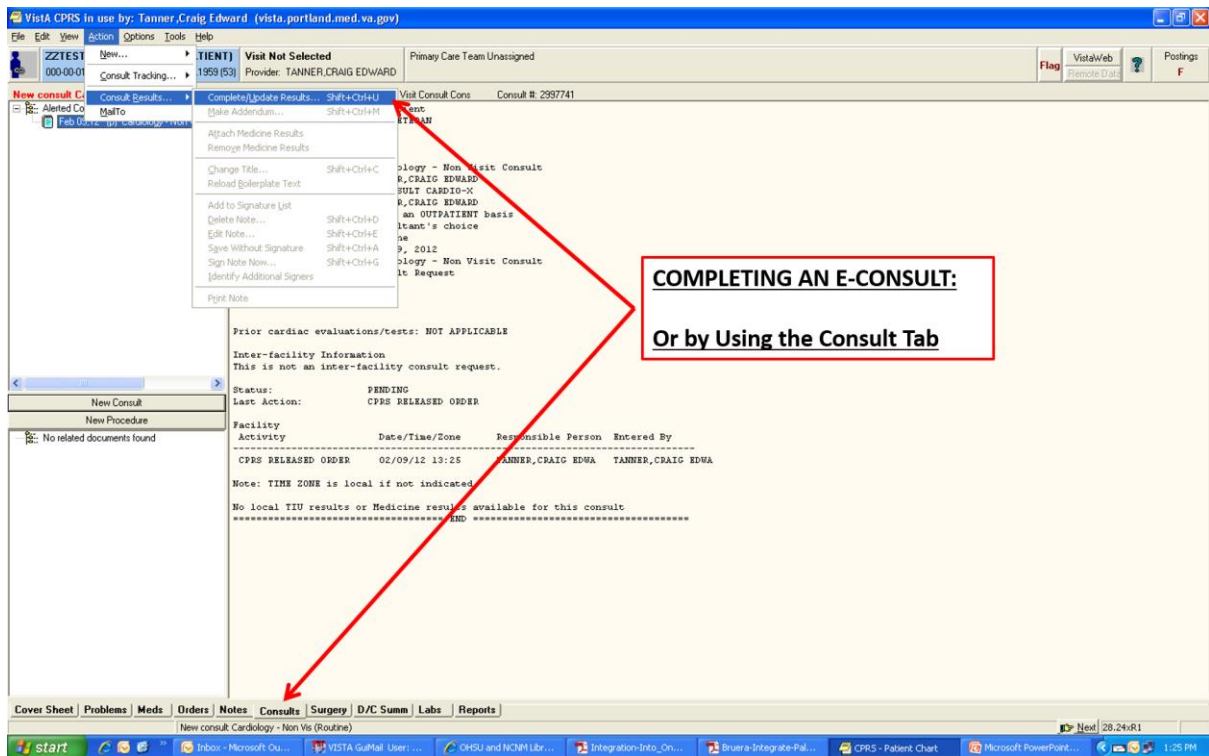
Figure A.2. E- Consult Instructions (Image 2 of 13)

Figure A.3. E- Consult Instructions (Image 3 of 13)

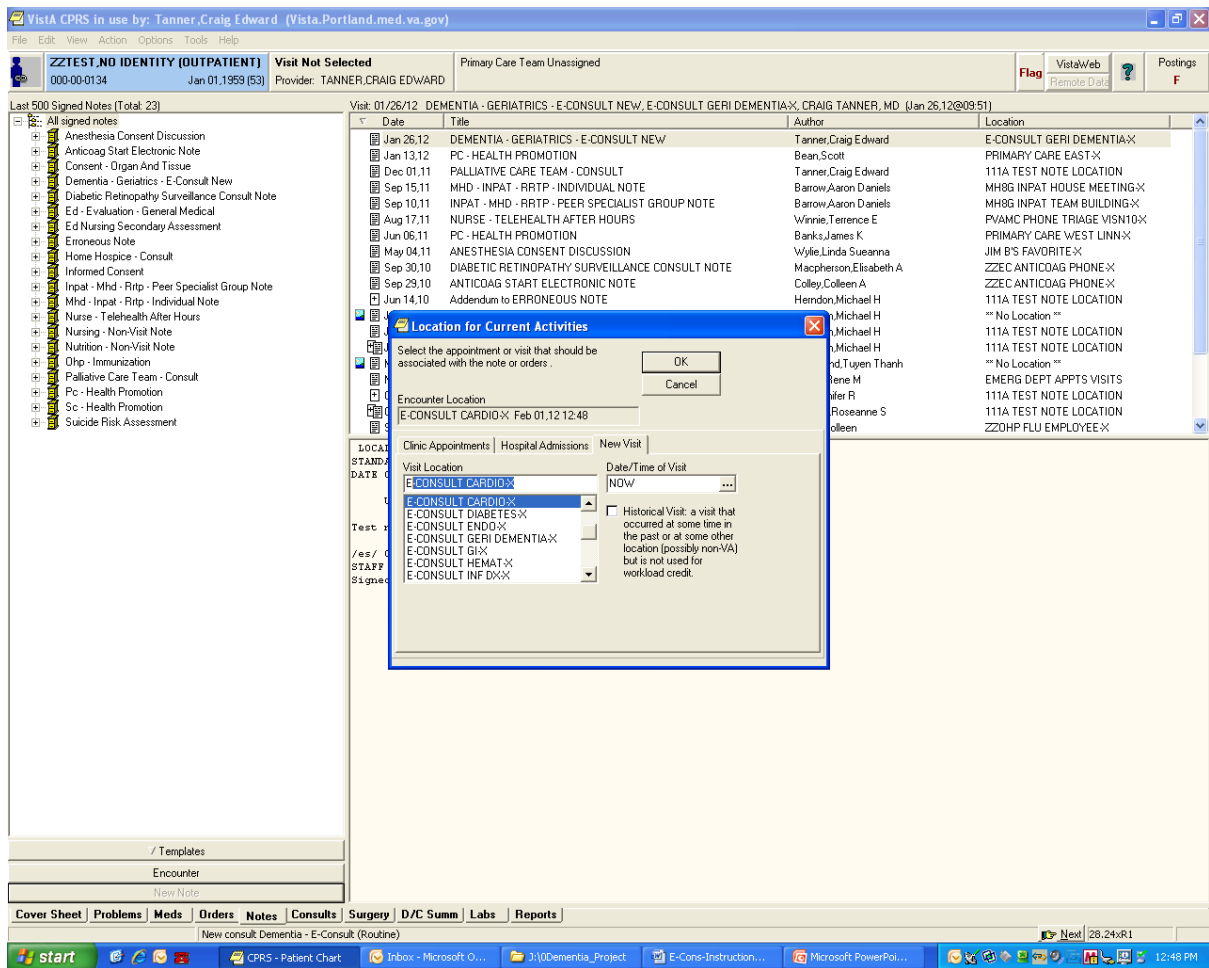


Figure A.4. E- Consult Instructions (Image 4 of 13)

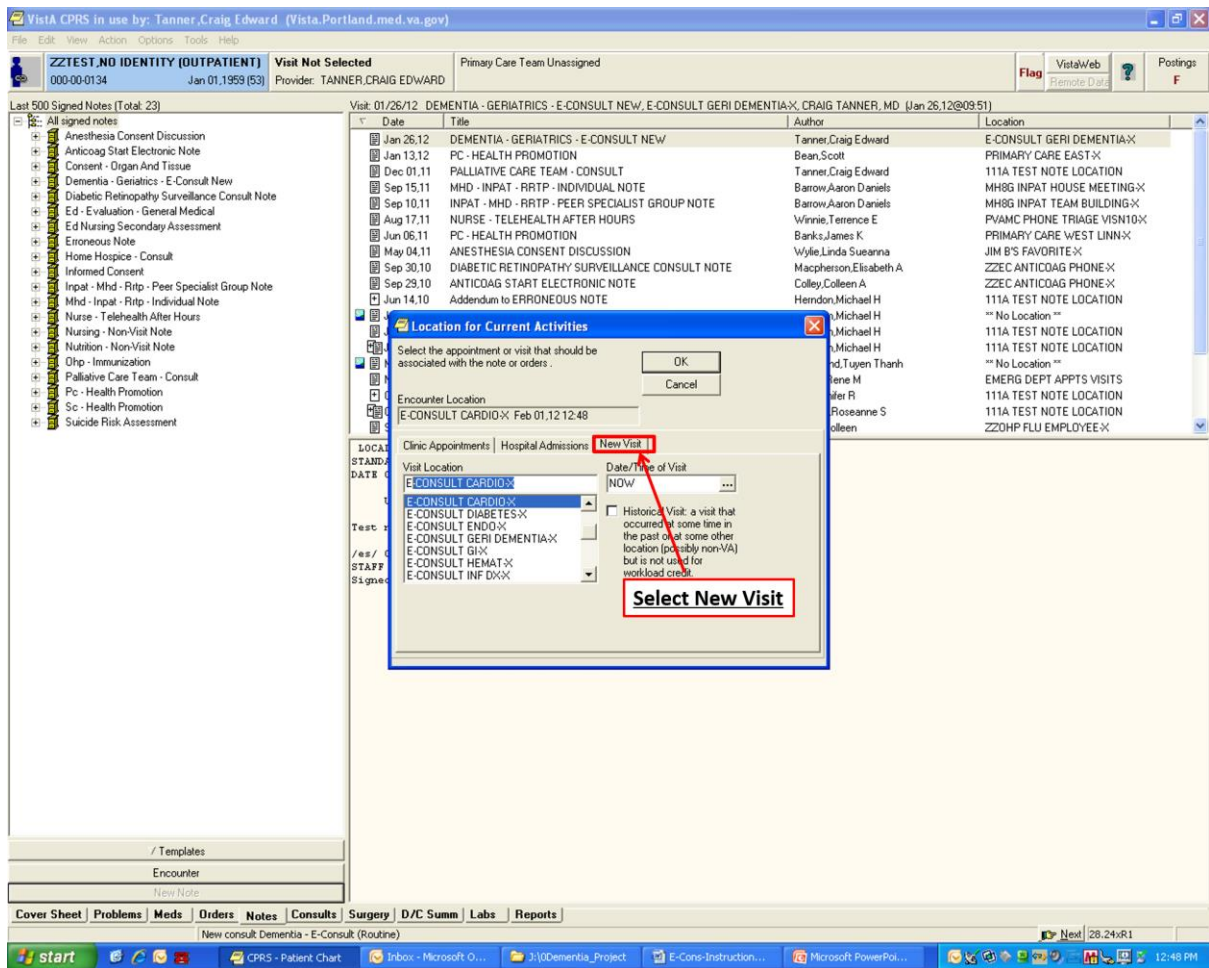


Figure A.5. E-Consult Instructions (Image 5 of 13)

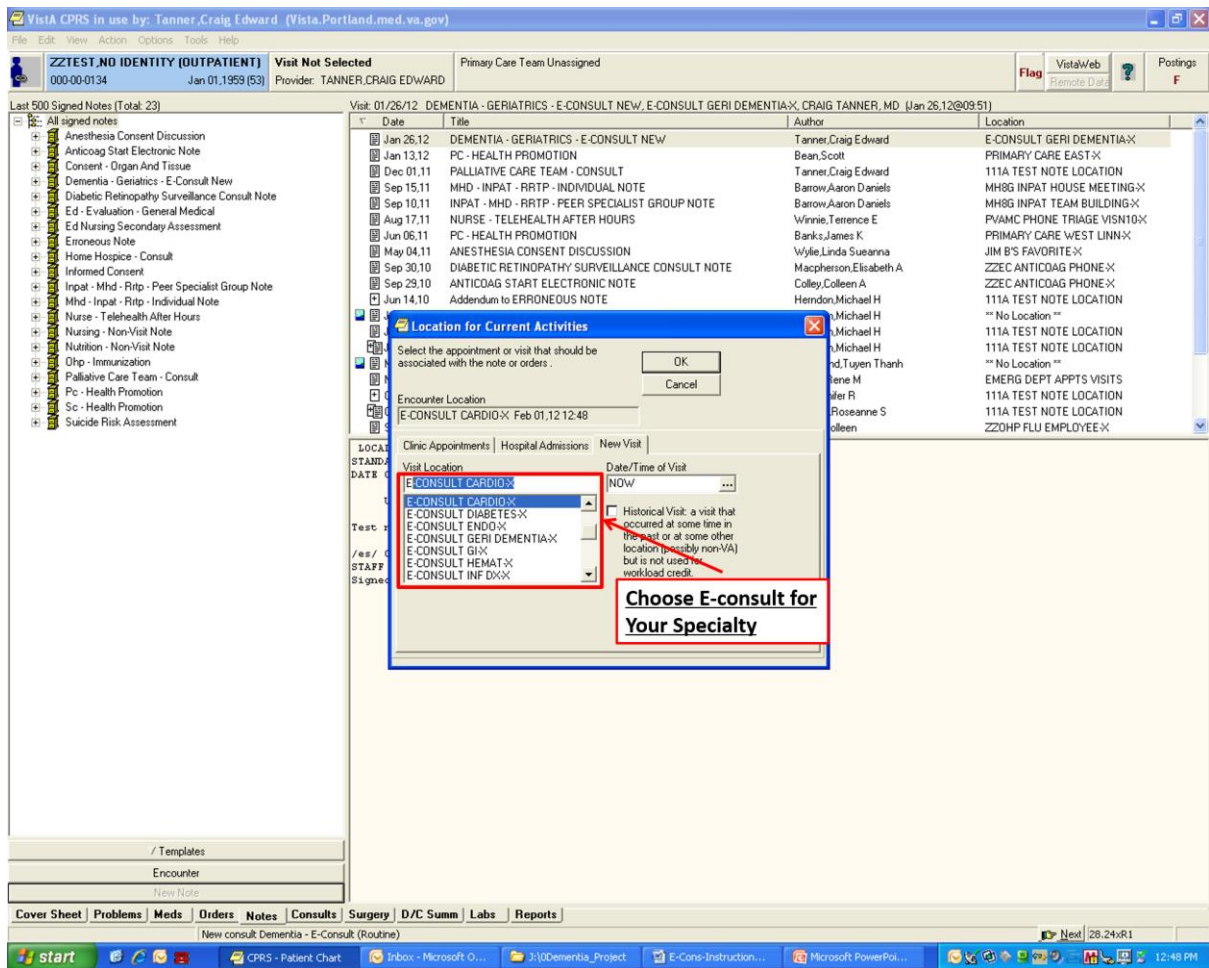


Figure A.6. E-Consult Instructions (Image 6 of 13)

Vista CPRS in use by: Tanner,Craig Edward (Vista.Portland.med.va.gov)

File Edit View Action Options Tools Help

ZZTEST.NO IDENTITY (OUTPATIENT) ENDO Feb 01,12 13:53 Primary Care Team Unassigned

000-00-0134 Jan 01,1953 (53) Provider: TANNER,CRAIG EDWARD

Visit: 01/26/12 DEMENTIA - GERIATRICS - E-CONSULT NEW, E-CONSULT GERI DEMENTIA-X, CRAIG TANNER, MD, User

Progress Note Properties

Progress Note Title: ENDOCRINE <INPAT - ENDOCRINE - ATTENDING>

ENDOCRINOLOGY <ENDOCRINOLOGY - CONSULT REVIEW>
 ENDOCRINOLOGY <ENDOCRINOLOGY - CONSULT>
 ENDOCRINOLOGY <ENDOCRINOLOGY - CONSULTATION - IN PATI>
 ENDOCRINOLOGY <ENDOCRINOLOGY - E-CONSULT>
 ENDOCRINOLOGY <ENDOCRINOLOGY - FACILITATOR NOTE>
 ENDOCRINOLOGY <ENDOCRINOLOGY - FOLLOW-UP>
 ENDOCRINOLOGY <ENDOCRINOLOGY - NON VISIT CONSULT>

Date/Time of Note: Feb 1,2012@13:54

Author: Tanner,Craig Edward - PHYSICIAN

OK Cancel

Type *** E-consult where
 *** is specialty & choose
 note title

LOCAL TITLE: DEMENTIA - GERIATRICS - E-CONSULT NEW
 STANDARD TITLE: GERIATRIC MEDICINE CONSULT
 DATE OF NOTE: JAN 26, 2012@09:51 ENTRY DATE: JAN 26, 2012@09:51:23
 AUTHOR: TANNER,CRAIG EDWARD EXP COSIGNER:
 URGENCY: STATUS: COMPLETED

Test note

/es/ CRAIG TANNER, MD
 STAFF PHYSICIAN
 Signed: 01/26/2012 09:51

Templates
 Encounter
 New Note

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

Press F5 to minimize and lock CPRS

start CPRS - Patien... Inbox - Micro... 3\0Dementia... E-Cons-Instr... Vista Imaging... Microsoft Pow... 28.24xR1 1:54 PM

Figure A.7. E-Consult Instructions (Image 7 of 13)

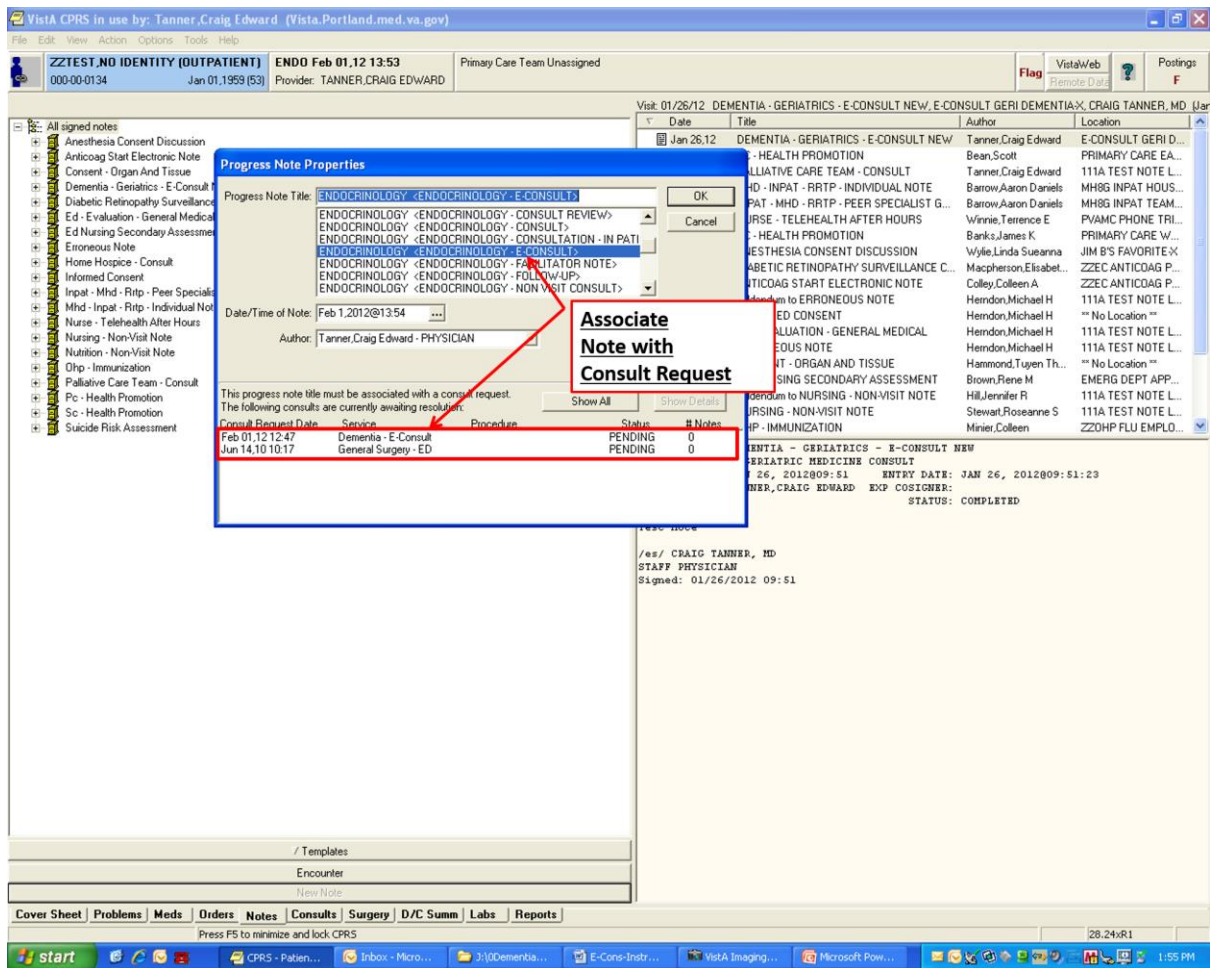


Figure A.8. E-Consult Instructions (Image 8 of 13)

Vista CPRS in use by: Tanner,Craig Edward (Vista.Portland.med.va.gov)

ZZTEST,NO IDENTITY (OUTPATIENT) E-CON Feb 01,12 12:57 Primary Care Team Unassigned

000-00-0134 Jan 01,1959 (53) Provider: TANNER,CRAIG EDWARD

DEMENTIA - GERIATRICS - E-CONSULT NEW Feb 01,2012@12:58 Tanner,Craig Edward

Encounter Form for E-CONSULT GERI DEMENTIA-X (Feb 01,2012@12:57)

Visit Type: Consultation Section Name: Brief Consult 95241

Service Connection & Rated Disabilities
Service Connected: NO
Rated Disabilities: NONE STATED

**When Note is Finished,
Complete Encounter Form**

Visit Related To
Yes No
☐ Service Connected Condition
☐ Combat Vet (Combat Related)
☐ Agent Orange Exposure
☐ Ionizing Radiation Exposure
☐ Southwest Asia Conditions
☐ Shipboard Hazard and Defense
☐ MST
☐ Head and/or Neck Cancer

Available providers:
Tanner,Craig Edward - Physician
Tanner,David W - Ecg Technician
Taro,Suzanne M - Physical Therapist
Tavipin,Melissa - Pharmacist
Talem,Thomas Robert - Respiratory Therapist
Taubert,Laura - Social Worker
Tavan,Emmanuel T - Resident
Taylor,Carey R - Voc Rehab Specialist

Current providers for this encounter:
TANNER,CRAIG EDWARD

OK Cancel

/ Templates
/ Reminders
Encounters
New Note

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

New consult Dementia - E-Consult (Routine)

start CPRS - Patient Chart Inbox - Microsoft O... 3:\Dementia_Project E-Cons-Instruction... Microsoft PowerPo... 28.24xR1 LOCK 1:05 PM

Figure A.9. E-Consult Instructions (Image 9 of 13)

Vista CPRS in use by: Tanner,Craig Edward (Vista.Portland.med.va.gov)

ZZTEST,NO IDENTITY (OUTPATIENT) E-CON Feb 01,12 12:57 Primary Care Team Unassigned

000-00-0134 Jan 01,1953 (53) Provider: TANNER,CRAIG EDWARD

DEMENTIA - GERIATRICS - E-CONSULT NEW Feb 01,2012@12:58 Tanner,Craig Edward

Encounter Form for E-CONSULT GERI DEMENTIA-X (Feb 01,2012@12:57)

Visit Type | Diagnoses | Procedures | Vitals | Immunizations | Skin Tests | Patient Ed | Health Factors | Exams

Diagnoses Section

Problem List Items

☐ Depressive Disorder NOS (ICD-9-CM 311.) 311

Choose Diagnosis

Other Diagnosis...

Add to PL | Primary | Selected Diagnoses

Add to Problem list

Primary

Remove

Comments

Select All

OK Cancel

/ Templates

/ Reminders

Encounters

New Note

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

New consult Dementia - E-Consult (Routine)

start CPRS - Patient Chart Inbox - Microsoft O... 3:\Dementia_Project E-Cons-Instruction... Microsoft PowerPo... 28.24xR1 LOCK 1:09 PM

Figure A.10. E-Consult Instructions (Image 10 of 13)

Vista CPRS in use by: Tanner,Craig Edward (Vista.Portland.med.va.gov)

ZZTEST,NO IDENTITY (OUTPATIENT) E-CON Feb 01,12 12:57 Primary Care Team Unassigned
000-00-0134 Jan 01,1959 (53) Provider: TANNER,CRAIG EDWARD

DEMENTIA - GERIATRICS - E-CONSULT NEW Feb 01,2012@12:58 Tanner,Craig Edward

Encounter Form for E-CONSULT GERI DEMENTIA-X (Feb 01,2012@12:57)

Visit Type: Consultation
Diagnoses:
Procedures:
Vitals:
Immunizations:
Skin Tests:
Patient Ed:
Health Factors:
Exams:
Modifiers:
Section Name:
Type of Visit:
Brief Consult 95241

Only Brief Consult Can Be Selected

Service Connection & Rated Disabilities
Service Connected: NO
Rated Disabilities: NONE STATED

Visit Related To
Yes No
Service Connected Condition
Combat Vet (Combat Related)
Agent Orange Exposure
Ionizing Radiation Exposure
Southwest Asia Conditions
Shipboard Hazard and Defense
MST
Head and/or Neck Cancer

Available providers
Tanner,Craig Edward - Physician
Tanner,David W - Ecg Technician
Tano,Suzanne M - Physical Therapist
Tavipin,Melissa - Pharmacist
Talem,Thomas Robert - Respiratory Therapist
Tauber,Laura - Social Worker
Tavan,Emmanuel T - Resident
Taylor,Carey R - Voc Rehab Specialist

Current providers for this encounter
TANNER,CRAIG EDWARD

OK Cancel

/ Templates
/ Reminders
Encounters
New Note

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

New consult Dementia - E-Consult (Routine)

start CPRS - Patient Chart Inbox - Microsoft O... 3:\Dementia_Project E-Cons-Instruction... Microsoft PowerPo... 28.24xR1 LOCK 1:05 PM

Figure A.11. E-Consult Instructions (Image 11 of 13)

VISTA CPRS in use by: Tanner, Craig Edward (vista.portland.med.va.gov)

ZZTEST, NO IDENTITY (OUTPATIENT) 000-00-0134 Jan 01, 1959 (53) Provider: TANNER, CRAIG EDWARD Primary Care Team Unassigned

New consult Cardiology - Non Vis (Routine) Feb 09, 12 CARDIOLOGY - E-CONSULT (H26882305) E-CONSULT CARDIO-X, Tanner, Craig Edward

LOCAL TITLE: CARDIOLOGY - E-CONSULT - E-CONSULT

Encounter Form for E-CONSULT CARDIO-X (Feb 09, 2012 @ 13:31)

Visit Type | Diagnoses | Procedures | Vitals | Immunizations | Skin Tests | Patient Ed | Health Factors | Exams

Type of Visit

CONSULTATIONS

☐ Problem Focused 99241

Some Specialties May Say Problem Focused

Service Connection & Related Disabilities

Service Connected: NO

Rated Disabilities: NONE STATED

Visit Related To

Yes No

☐ Service Connected Condition

☐ Combat Vet (Combat Related)

☐ Agent Orange Exposure

☐ Ionizing Radiation Exposure

☐ Southwest Asia Conditions

☐ Shipboard Hazard and Defense

☐ MST

☐ Head and/or Neck Cancer

Available providers

Tanner, Craig Edward - Physician

Tanner, David W - Ecg Technician

Tano, Suzanne M - Physical Therapist

Tannan, Melissa - Pharmacist

Tatem, Thomas Robert - Respiratory Therapist

Tauber, Laura - Social Worker

Tavan, Emmanuel T - Resident

Taylor, Carey R - Voc Rehab Specialist

Add

Remove

Primary

Current providers for this encounter

TANNER, CRAIG EDWARD (Primary)

OK Cancel

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

Press F5 to minimize and lock CPRS

start | Inbox - Microsoft Out... | VISTA GUI/Mal User... | CHSU and NCM Libr... | CPRS - Patient Chart | Microsoft PowerPoint... | Next | 28.24xR1 | LOCK | 1:31 PM

Figure A.12. E-Consult Instructions (Image 12 of 13)

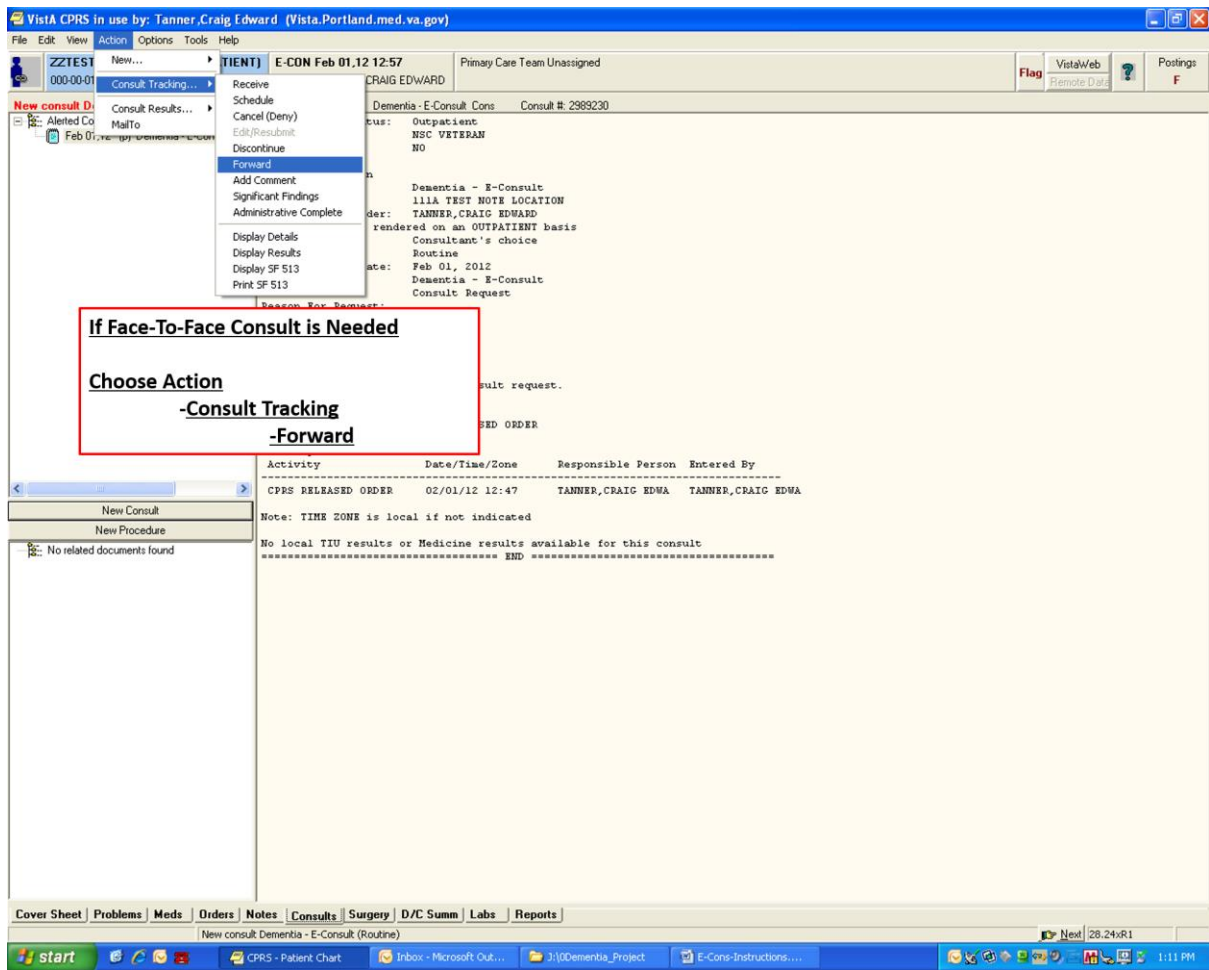


Figure A.13. E-Consult Instructions (Image 13 of 13)

Vista CPRS in use by: Tanner,Craig Edward (Vista.Portland.med.va.gov)

ZZTEST,NO IDENTITY (OUTPATIENT) E-CON Feb 01,12 12:57 Primary Care Team Unassigned
000-00-0134 Jan 01,1953 (53) Provider: TANNER,CRAIG EDWARD

Flag VitalWeb Postings
Remote Data F

New consult Dementia - E-Consult (Routine) Feb 01,12 (p) Dementia - E-Consult Cons Consult #: 2989230

Alerted Consult
Feb 01,12 (p) Dementia - E-Consult Cor Current Pat. Status: Outpatient
Patient Type: NSC VETERAN
OEF/OIF: NO

Forward Consult

To service

- Dementia - <general Medicine Psychiatry - G
- Dementia - <general Medicine Psychiatry - G
- Dementia - <general Medicine Psychiatry - G
- Dementia - <geriatric - Dementia - Gen
- Dementia - <neurology - Dementia - E Co

Gm Psych

- General Medicine P
- General Medicine P
- General Medicine P
- General Medicine P
- General Medicine P
- General Medicine P
- General Medicine P
- General Medicine P

Urgency
Routine

Attention

Date/time of this action
Now

Responsible Person
Tanner,Craig Edward - PHYSICIAN

OK Cancel

Choose appropriate service (but not E-Consult)

Enter Comments if Needed

Now Consult Can be Scheduled via Usual Route

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

New consult Dementia - E-Consult (Routine)

start CPRS - Patient Chart Inbox - Microsoft O... 3:\Dementia_Project E-Cons-Instruction... Microsoft PowerPo... 28.24xR1 1:15 PM

Appendix B. Acronyms

Acronym/Term	Description
CCWP	Clinical Content White Paper
CDS	Clinical Decision Support
HL7	Health Level 7
KBS	Knowledge Based Systems
KNART	Knowledge Artifact
OIIG	Office of Informatics and Information Governance
SME	Subject Matter Expert
TO	Task Order
VA	Department of Veterans Affairs
VAMC	VA Medical Center