**Accessing VPS TIU NOTE in CPRS**

One of the requirements in VPS is to record the captured data in the VistA TIU package in a method that can be reviewed and manipulated by clinical staff using CPRS.

This document describes how to retrieve this VPS captured data as a TIU object in CPRS.

For more detailed information describing TIU document, see CPRS: Text Integration Utility document (http://www.domain.ext/vdl/application.asp?appid=65).

## VPS TIU Object

In order to create VPS TIUNOTE in CPRS, one must first create VPS TIU object in VistA then create TIU template based on this object in CPRS and then finally insert this template to the note.

The following statements are copied from the TIU document.

*“Objects are predefined placeholders that allow patient-specific text to be inserted into a document when a user enters a TIU document.*

*Objects are names representing executable M code, which may be “embedded” in the Default Text of either a component or a document, to produce an effect (e.g., the Object “Patient AGE” may be invoked to insert the value of the patient’s age at an designated location within a document).*

*☞ Note: Besides objects created by each site, there are a set of national objects supplied by the VistA developments team. Information on these is maintained on the TIU web page at http://domain.ext/tiu/html/objects.html.*

### *General Information*

*Objects must always have uppercase names, abbreviations, and print names. When embedding objects in boilerplate text, users may embed any of these three (name, abbreviation, print name) in boilerplate text, enclosed by an “|” on both sides. Objects must always be embedded in uppercase.*

*Objects are stored in the Document Definition File, but are not part of the Hierarchy. They are accessible through the options Create Objects and Sort Document Definitions (by selecting Sort by Type and selecting Type Object).*

*TIU exports a small library of Objects. Sites can also create their own. Future versions of TIU are expected to export a much more extensive library of nationally supported objects.*

*Only an owner can edit an object and should do so only after consulting with others who use it. The object must be Inactive for editing. It should be thoroughly tested. (See Object Status, under Status.)*

*Objects must initially be written by programmers. (See description in TIU Technical Manual.)*

*Once defined, Objects may be used any number of times within an unlimited number of different titles.*

*As sites develop their own Objects, they can be shared with other sites through a mailbox entitled TIU OBJECTS in SHOP,ALL (reached via FORUM).*

“.

## Creating VPS TIU Object

Most of the steps described below are copied from TIU Document (Appendix B: Creating an Object).

We’ll create an object called VPS MRAR PDO which inserts the patient’s VPS MRAR PDO into the text of a document.

* Go into the option *Create Objects* and select the action Create:

Select TIU Maintenance Menu Option: **2** Document Definitions (Manager)

--- Manager Document Definition Menu ---

1 Edit Document Definitions

2 Sort Document Definitions

3 Create Document Definitions

4 Create Objects

Select Document Definitions (Manager) Option: **4** Create Objects

START WITH OBJECT: FIRST// **<Enter>**.........................................

**Objects** Mar 09, 1997 16:10:12 Page: 1 of 3

Objects

+ Status

1 ACTIVE MEDICATIONS A

2 ALLERGIES/ADR A

3 BASELINE LIPIDS A

4 BLOOD PRESSURE A

5 CURRENT ADMISSION A

6 FASTING BLOOD GLUCOSE A

7 HEMOGLOBIN A1C A

8 INR VALUE A

9 LABS ADMISSION ABNORMAL A

10 LABS ADMISSION ALL A

11 NOW A

12 PATIENT AGE A

13 PATIENT DATE OF BIRTH A

14 PATIENT DATE OF DEATH A

+ ?Help >ScrollRight PS/PL PrintScrn/List +/- >>>

Find Detailed Display Copy

Change View Try Quit

Create Owner

Select Action: Next Screen// **<Enter>**

Creating an Object, cont’d

**Objects** Mar 09, 1997 16:13:44 Page: 2 of 3

Objects

+ Status

15 PATIENT HEIGHT A

16 PATIENT NAME A

17 PATIENT RACE A

18 PATIENT RELIGION A

19 PATIENT SEX A

20 PATIENT SSN A

21 PATIENT WEIGHT A

22 PROTHROMBIN TIME A

23 PROTHROMBIN TIME COLLECTED A

24 PULSE A

25 RESPIRATION A

26 SGOT A

27 TEMPERATURE A

28 TODAY'S DATE A

+ ?Help >ScrollRight PS/PL PrintScrn/List +/- >>>

Find Detailed Display Copy

Change View Try Quit

Create Owner

Select Action: Next Screen// **??**

* Select the action Create.

**Objects** Mar 05, 1997 15:03:12 Page: 1 of 3

Objects

Status

1 ACTIVE MEDICATIONS A

2 ALLERGIES/ADR A

3 BASELINE LIPIDS A

+ ?Help >ScrollRight PS/PL PrintScrn/List +/- >>>

Find Detailed Display Copy

Change View Try Quit

Create Owner

Select Action: Next Screen// **CR** Create

* Enter the **VPS MRAR PDO**
* Delete the default owner CLINICAL COORDINATOR with an @ sign and enter your own name as the personal owner. This enables you to continue editing the object.

Enter Document Definition Name to add as New Entry: **VPS MRAR PDO**

CLASS OWNER: CLINICAL COORDINATOR Replace @

PERSONAL OWNER: CPRSPROVIDER,EIGHT MAM

Entry added

* The new object appears at the top of the list.
* Scroll right (>) to see that you are the owner.
* Select the action Detailed Display and select your new entry.

NOTE: You can do this in one step by entering DET=(entry number):

Creating an Object, cont’d

**Objects** Mar 05, 1997 15:03:12 Page: 2 of 3

Objects

Status

84 VPS MRAR PDO I

85 WBC-DATE/TIME A

+ ?Help >ScrollRight PS/PL PrintScrn/List +/- >>>

Find Detailed Display Copy

Change View Try Quit

Create Owner

Select Action: Next Screen// **DET=84** Detailed Display

* The Detailed Display screen appears, showing your entry.
* Select the action Technical Fields.

**Detailed Display** Mar 05, 1997 15:03:58 Page: 1 of 1

Object VPS MRAR PDO

Basics

Name: VPS MRAR PDO

Abbreviation:

Print Name: VPS MRAR PDO

Type: OBJECT

IFN: 599

National

Standard: NO

Status: INACTIVE

Owner: CPRSPROVIDER,EIGHT

Technical Fields

Object Method:

+ ?Help >ScrollRight PS/PL PrintScrn/List +/- >>>

Find Detailed Display Delete

Basics Technical Fields Find

(Items: Seq Mnem MenuTxt) (Upload) Quit

(Boilerplate Text) Try

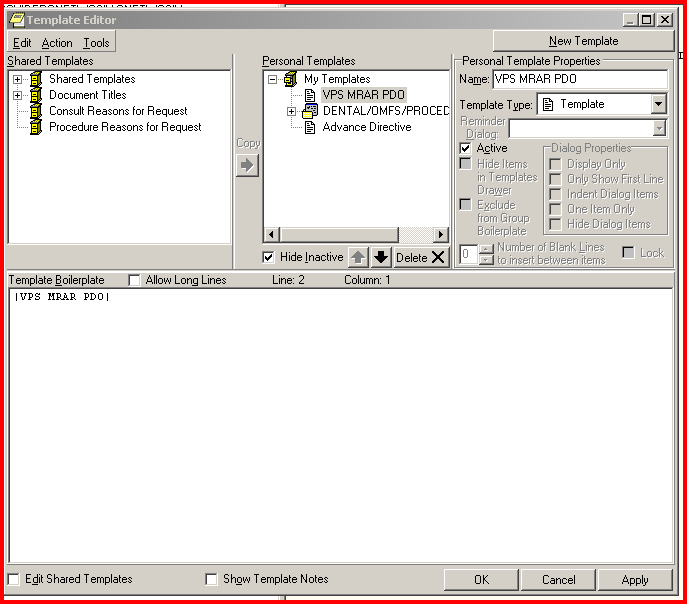
Select Action: Quit// **TE** TECHNICAL FIELDS

* Enter the object method: S X=$$TIU^VPSPDO1(DFN,”^TMP(“”VPSPDO1””,$J)”)

OBJECT METHOD: S X=$$TIU^VPSPDO1(DFN,”^TMP(””VPSPDO1””,$J)”)

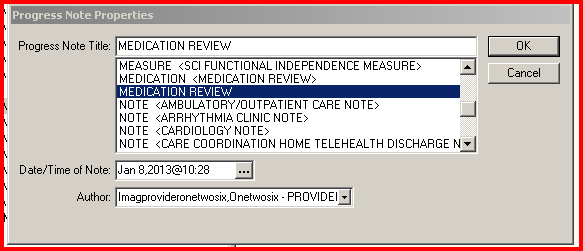
## Creating VPS MRAR PDO Template in CPRS

In CPRS’ Template Editor, enter Template name and the object in the Template Boilerplate.



## Inserting VPS MRAR PDO Template to the NOTE

Create a new Note and select a title associated with the note.

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Drag and drop the template to the Note text box.

