



***Nutrition and Food Service  
Outpatient Meals  
Installation/Implementation Guide***



*Version 5.5*

*February 2005*

*Department of Veterans Affairs  
VistA Health System Design and Development*



# Revision History

Date	Description
02/25/2005	Revised as per EVS review.



# Notice of Service Name Change

Pursuant to Department of Veterans Affairs (VA) Veterans Health Administration (VHA) Directive 10-95-031, Nutrition and Food Service (N&FS) will be the official nomenclature used as the new service name for Dietetic Service in VHA central office and at VA healthcare facilities.

Therefore, all supporting documentation and customer education materials will use the Nutrition and Food Service nomenclature in place of the former Dietetics Service in all contexts.

The change aligns this program more closely with the nomenclature recognized by national accrediting bodies, professional organizations, and other healthcare agencies.

## Introduction

The Nutrition & Food Service (N&FS) Outpatient Meals Version 5.5 software combines the existing inpatient functionality in the Dietetics V. 5.0 software with an additional module that provides the capability of entering, tracking, and reporting outpatient meals.

- Provides electronic order entry of meals to authorized outpatients when they are kept over mealtimes.
- Enables electronic order entry of meals for other authorized users such as residents, without compensation employees and volunteers.
- Facilitates and tracks the number of meals for each Enhanced Sharing Agreement (selling of meal services), such as the Salvation Army or a Meals-on Wheels program.
- Provides tracking, reporting and projection features currently for Inpatients that will also include Outpatients.
- Provides the ability to request, authorize, print, cancel, and view status of Outpatient Special Meals.
- Provides the ability to request and print Guest Meals.
- Provides the ability to request Recurring Meals for a regularly scheduled outpatient including a patient profile, meal status, early/late trays, tube feeding, and additional orders.
- Creates new reports and modifications of some existing Nutrition options to include Outpatient data.

## Recommended Users

Preparing your site for the installation and implementation of Nutrition and Food Service Outpatient Meals v.5.5 helps to ensure a smooth integration. This installation guide is designed to help you do just that. It includes detailed information such as system requirements; installation time estimates and instructions; and procedures that will get you up and running quickly with Nutrition and Food Service Outpatient Meals v.5.5.

### Target Audience

We have developed this guide for the following individuals, who are responsible for installing, supporting, maintaining, and testing this package.

- Information Resources Management (IRM)
- Clinical Application Coordinator (CAC) – called Applications Package Coordinator (ADPAC) at some sites
- Enterprise Vista Support (EVS)
- Software Quality Assurance (SQA)

## Orientation

**Pre-installation Information** section provides information needed beforehand to install FH5\_5.KID.

**Installation Instructions** section contains instructions and examples of FH5\_5.KID installation process.

**Implementation Instructions** provides directions for implementing FH5\_5.KID.

## Software and Manual Retrieval

The following software and documentation files are exported as part of this software.

File Name	Contents	Retrieval Format
FH5_5.KID	KIDS Build	ASCII
FH5_5IG.PDF	Installation Guide	BINARY
FH5_5RN.PDF	Release Notes	BINARY
FH5_5TM.PDF	Technical Manual	BINARY
FH5_5UM.PDF	User Manual	BINARY
FH5_5ADP.PDF	ADPAC/Manager User	BINARY

The software files are available on the following OI Field Offices' [ANONYMOUS.SOFTWARE] directories. Use the following FTP address to connect to the first available FTP server:  
**download.vista.med.va.gov**

OIFO	FTP Address	Directory
Albany	ftp.fo-albany.med.va.gov	anonymous.software
Hines	ftp.fo-hines.med.va.gov	anonymous.software
Salt Lake City	ftp.fo-slc.med.va.gov	anonymous.software

## VistA Intranet

Online Documentation for this product will be available on the intranet at the following address: <http://www.va.gov/vdl/>. This address takes you to the VistA Documentation Library (VDL), which has a listing of all the clinical software manuals. Click on the Nutrition and Food Service link and it will take you to the Nutrition and Food Service Outpatient Meals v.5.5 documentation.

## Related Manuals

- *Nutrition and Food Service Outpatient Meals v.5.5 Release Notes*
- *Nutrition and Food Service Outpatient Meals v.5.5 Technical Manual and Security Guide*
- *Nutrition and Food Service Outpatient Meals v.5.5 Installation/Implementation Guide*
- *Nutrition and Food Service Outpatient Meals v.5.5 User Manual*
- *Nutrition and Food Service Outpatient Meals v.5.5 ADPAC/Manager Guide*

You can also access the Nutrition and Food Service Outpatient Meals v.5.5 home page by using the following address:

<http://vista.med.va.gov/provider systems/>

## Screen Displays

Before installing Outpatient Meals V. 5.5, review this section to learn the many conventions used throughout this guide.

- **Keyboard Responses:** Keys provided in boldface, within the copy, help you quickly identify what to press on your keyboard to perform an action. For example, when you see enter in the copy, press this key on your keyboard.
- **Screen Captures:** Provide “shaded” examples of what you will see on your computer screen, and possible user responses. The computer dialogue appears in Courier font.
- **Notes:** Provided within the steps, describe exceptions or special cases about the information presented. They reflect the experience of our staff, developers, and testers.

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**Note:** This *boxed* element highlights special details about the current topic.

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- **Other Names:** File and field names, and Security keys provided in uppercase. For example, you may select a patient's name from the PATIENT file (#2).
- **Menu Options:** Provided in italics. For example, you may establish Electronic Signatures Codes using the Kernel Electronic Signature code Edit [XUSESIG] option.



# Pre-Installation Information

Preparing your site for the installation and implementation of Nutrition and Food Service Outpatient Meals v.5.5 helps to ensure a smooth integration. This Installation Guide is designed to help you do just that. It includes detailed information such as system requirements; installation time estimates and instructions; and procedures that will get you up and running quickly with Nutrition and Food Service Outpatient Meals V. 5.5.

## Target Audience

We have developed this guide for the following individuals, who are responsible for installing, supporting, maintaining, and testing this package.

- Development Engineering
- Information Resources Management (IRM)
- Clinical Application Coordinator (CAC) – called Applications Package Coordinator (ADPAC) at some sites
- Enterprise VistA Support (EVS)
- Software Quality Assurance (SQA)

## Test Sites

The Nutrition and Food Service Outpatient Meals v.5.5 software was tested at the following sites:

Test Sites	Alpha	Beta
Big Springs, TX	X	X
Hines, IL	X	X
Louisville, KY	X	X
Phoenix, AZ	X	X
Puget Sound, WA	X	X
Tomah,	X	X
Tuscaloosa, AL	X	X

## Hardware and Operating Systems Requirements

Nutrition and Food Service Outpatient Meals v.5.5 software runs on the standard hardware platforms used by the Department of Veterans Affairs Healthcare facilities. These systems consist of Alpha Clusters running VMS (version 7.2-1 minimum) and DSM (version 7.2.1 VA1) or an Alpha 1000A running Windows NT (service pack 6) and Cache M operating system (version 3.2.31.1)

## System Performance Capacity

There are no significant changes in the performance capacity of the VistA operating system once the Nutrition and Food Service Outpatient Meals v.5.5 software is installed and after the registry has been

created. The software should not create any appreciable global growth or network transmission problems. There are no memory constraints.

## Software Installation Time

The estimated installation time is less than three hours during off peak hours.

## Backup Routines

It is highly recommended that a backup of the transport global be performed before installing the software.

## Name Space

The Nutrition and Food Service Outpatient Meals v.5.5 software name space is FH.

## VistA Software Requirements

Before installing Nutrition and Food Service Outpatient Meals v.5.5, make sure that your system includes the following Department of Veterans Affairs (VA) software packages and versions (those listed or higher).

Application Name	Minimum Version Needed
Allergy Tracking System	4.0
CPRS	3.0
Kernel	8.0
Nutrition and Food Service	5.0
PIMS	5.3
VA FileMan	22.0
MailMan	8.0
Consult Tracking	3.0
Dietetics	5.0

## Required Patches

Before the installation of Nutrition and Food Service Outpatient Meals v.5.5, the following patches **must** be installed.

Application Name	Patches
Nutrition and Food Service	FH*5*41

Patch (v)FH\*5\*41 must be installed before `Nutrition and Food Service v.5.5.

## Pre-Installation Instructions

- You should install the Nutrition and Food Service Outpatient Meals v.5.5 during **off peak** hours when there are fewer users on the system. This build should be installed when the Nutrition users are off the system.
- Installation of this software takes less than **three** hours to install, depending on the number of records in NUTRITION PERSON file (#115) that need to be converted. The build contains a post-init routine which converts the NAME field (#.01) of file (#115) from a pointer to PATIENT file (#2) to a free text field that is used to point to either file (#2), or NEW PERSON file (#200).
- Nutrition options **do not** need to be disabled during the installation of this build.
- If the FH\* routines are mapped at your site, remember to disable mapping before installing the build and to re-enable it when you are finished.
- Nutrition and Food Service Outpatient Meals v.5.5 uses the Kernel Installation and Distribution System (KIDS). For further instructions on using KIDS, please refer to the *Kernel V. 8.0 Systems Manual*.
- Use the Install Package(s) option when prompted for INSTALL NAME select the package: **DIETETICS 5.5**.
- Select Installation Option: **1 Load a Distribution**
- Enter a Host File: **FH5\_5.KID**

## Load and Install Patch FH5\_5.KID

From the Kernel Installation and Distribution Systems (KIDS) menu, select the Installation menu [XPD INSTALLATION MENU]:

```
Edits and Distribution ...
Utilities ...
Installation ...

Select Kernel Installation & Distribution System Option:Installation
```

Load the distribution to the transport global.

This build should be installed when the NUTRITION users are off the system. No NUTRITION options need to be disabled during the installation of this build.

When installed into an account for the first time, this build could take 1-3 hours to install, depending on the number of records in file #115, NUTRITION PERSON. The build contains a post-init routine that converts the .01 field of file #115 from a pointer to file #2 PATIENT to a free text field that is used to store a variable pointer to either file #2 or file #200 NEW PERSON.

If the FH\* routines are mapped at your site, remember to disable mapping before installing the build and to re-enable it when you are finished.

From the Kernel Installation and Distribution System Menu, select the Installation menu. Use the Load a Distribution option. When prompted for a Host File, enter the host file named **FH5\_5.KID**. You may need to indicate the full path to the directory containing this file.

Sites may optionally use any or all of the following KIDS menu options:

- Verify Checksums in Transport Global
- Print Transport Global
- Compare Transport Global to Current System
- Backup a Transport Global

Use the Install Package(s) option, and when prompted for **INSTALL NAME**, select the package: **DIETETICS 5.5**.

The following messages may appear and are normal:

```
Checking Install for Package DIETETICS 5.5

Install Questions for DIETETICS 5.5

Incoming Files:

111 DIETS
Note: You already have the 'DIETS' File.

111.1 DIET PATTERNS
Note: You already have the 'DIET PATTERNS' File.

112 FOOD NUTRIENTS
Note: You already have the 'FOOD NUTRIENTS' File.

112.2 DRI VALUES
Note: You already have the 'DRI VALUES' File.

112.6 USER MENU
Note: You already have the 'USER MENU' File.

113 INGREDIENT
Note: You already have the 'INGREDIENT' File.

113.1 STORAGE LOCATION
Note: You already have the 'STORAGE LOCATION' File.

113.2 FH VENDOR
Note: You already have the 'FH VENDOR' File.

114 RECIPE
Note: You already have the 'RECIPE' File.

114.1 RECIPE CATEGORY
Note: You already have the 'RECIPE CATEGORY' File.

114.2 PREPARATION AREA
Note: You already have the 'PREPARATION AREA' File.

114.3 SERVING UTENSIL
Note: You already have the 'SERVING UTENSIL' File.
```

114.4 EQUIPMENT

Note: You already have the 'EQUIPMENT' File.

115 NUTRITION PERSON

\* BUT YOU ALREADY HAVE 'DIETETICS PATIENT' AS FILE #115!  
Shall I write over your DIETETICS PATIENT File? YES//

115.2 FOOD PREFERENCES

Note: You already have the 'FOOD PREFERENCES' File.

115.3 NUTRITION CLASSIFICATION

Note: You already have the 'NUTRITION CLASSIFICATION' File.

115.4 NUTRITION STATUS

Note: You already have the 'NUTRITION STATUS' File.

115.5 DIETETIC NUTRITION PLAN

Note: You already have the 'DIETETIC NUTRITION PLAN' File.

115.6 ENCOUNTER TYPES

Note: You already have the 'ENCOUNTER TYPES' File.

115.7 DIETETIC ENCOUNTERS

Note: You already have the 'DIETETIC ENCOUNTERS' File.

116 MENU CYCLE

Note: You already have the 'MENU CYCLE' File.

116.1 MEAL

Note: You already have the 'MEAL' File.

116.2 PRODUCTION DIET

Note: You already have the 'PRODUCTION DIET' File.

116.3 HOLIDAY MEALS

Note: You already have the 'HOLIDAY MEALS' File.

117 MEALS SERVED

Note: You already have the 'MEALS SERVED' File.

117.1 STAFFING DATA

Note: You already have the 'STAFFING DATA' File.

117.2 DIETETIC COST OF MEALS

Note: You already have the 'DIETETIC COST OF MEALS' File.

117.3 ANNUAL REPORT

Note: You already have the 'ANNUAL REPORT' File.

117.4 DIETETIC REPORT CATEGORIES

Note: You already have the 'DIETETIC REPORT CATEGORIES' File.

118 SUPPLEMENTAL FEEDINGS

Note: You already have the 'SUPPLEMENTAL FEEDINGS' File.

118.1 SUPPLEMENTAL FEEDING MENU

Note: You already have the 'SUPPLEMENTAL FEEDING MENU' File.

118.2 TUBEFEEDING

Note: You already have the 'TUBEFEEDING' File.

118.3 STANDING ORDERS

Note: You already have the 'STANDING ORDERS' File.

119 DIETITIAN TICKLER FILE  
Note: You already have the 'DIETITIAN TICKLER FILE' File.

119.1 UNITS  
Note: You already have the 'UNITS' File.

119.4 ISOLATION/PRECAUTION TYPE  
Note: You already have the 'ISOLATION/PRECAUTION TYPE' File.

119.5 DIETETIC CONSULTS  
Note: You already have the 'DIETETIC CONSULTS' File.

119.6 NUTRITION LOCATION  
\* BUT YOU ALREADY HAVE 'DIETETICS WARD' AS FILE #199.6!  
Shall I write over your DIETETICS WARD File? YES//

119.71 PRODUCTION FACILITY  
Note: You already have the 'PRODUCTION FACILITY' File.

119.72 SERVICE POINT  
Note: You already have the 'SERVICE POINT' File.

119.73 COMMUNICATION OFFICE  
Note: You already have the 'COMMUNICATION OFFICE' File.

119.74 SUPPLEMENTAL FEEDING SITE  
Note: You already have the 'SUPPLEMENTAL FEEDING SITE' File.

119.8 NUTRITION EVENTS  
\* BUT YOU ALREADY HAVE 'DIETETICS EVENTS' AS FILE #199.8!  
Shall I write over your DIETETICS EVENTS File? YES//

119.9 FH SITE PARAMETERS  
Note: You already have the 'FH SITE PARAMETERS' File.

The following is the recommended response to installation questions:

Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES//

Enter **YES**

Want KIDS to INHIBIT LOGONS during the install? YES//

Enter **NO**

Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//

Enter **NO**

The following is an example of how the installation may appear:

```
Install Started for DIETETICS 5.5:  
Mar 01, 2005@12:57:55  
  
Build Distribution Date: Feb 02, 2005  
  
Installing Routines:  
Mar 01, 2005@12:58
```

```
Running Pre-Install Routine: ^FH55PRE

Installing Data Dictionaries:
    Mar 01, 2005@12:58:06

Installing PACKAGE COMPONENTS:

Installing BULLETIN

Installing SECURITY KEY

Installing PRINT TEMPLATE

Installing INPUT TEMPLATE

Installing PROTOCOL
    Located in the FH (DIETETICS) namespace.
    Located in the FH (DIETETICS) namespace.
    Located in the FH (DIETETICS) namespace.
    Located in the FH (DIETETICS) namespace.
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    Located in the FH (DIETETICS) namespace.
    Located in the FH (DIETETICS) namespace.

Installing OPTION
    Mar 01, 2005@12:58:30

Running Post-Install Routine: ^FH55PST.....
.....

Updating Routine file...

Updating KIDS files...

DIETETICS 5.5 Installed.
    Mar 01, 2005@13:00:27

Install Message sent #27829
```

Call MENU rebuild

Starting Menu Rebuild: Mar 01, 2005@13:00:29  
Collecting primary menus in the New Person file...  
Primary menus found in the New Person file

OPTION NAME	MENU TEXT	# OF USERS	LAST USED	LAST BUILT
EVE	Systems Manager Menu	71	08/16/04	08/10/04
XUCORE	Core Applications	1	02/20/94	08/10/04
LRMENU	Laboratory DHCP Menu	1	09/30/95	08/10/04
LR GET	Phlebotomy menu	1	08/03/95	08/10/04
LRWARDM	Ward lab menu	1	06/21/93	08/10/04
PSO MANAGER	Outpatient Pharmacy Manager	1	02/26/98	08/10/04
XMUSER	MailMan Menu	4		08/10/04
RA OVERALL	Rad/Nuc Med Total System ...	4	01/31/03	08/10/04
SROMENU	Surgery Menu	1		08/10/04
ORMGR	CPRS Manager Menu	1		08/10/04
PSJU MGR	Unit Dose Medications	1	07/15/93	08/10/04
A4A0 TRNG COOR MENU	ISC4 Trng Coordinator Menu	1	08/13/93	08/10/04

Rebuilding Menus

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IMR MENU (MANAGEMENT)

Immunology Study Manageme...	1		08/10/04
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OR MAIN MENU CLINICIAN

Clinician Menu	3	04/02/98	08/10/04
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IB MANAGER MENU

Integrated Billing Master...	1		08/10/04
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RMPR OFFICIAL

Prosthetic Official's Menu	1	10/28/03	08/10/04
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EEO COUNSELORS MENU

Counselor's Menu	4	08/22/96	08/10/04
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FSW WORKLOAD REPORTING

Customer Service Workload...	1	11/06/95	08/10/04
------------------------------	---	----------	----------

PRCZ OVERALL

Overall IFCAP Menu For Tr...	3	08/18/04	08/10/04
------------------------------	---	----------	----------

ZZMJB

MIKE'S PRIMARY MENU	2	03/19/98	08/10/04
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ACVSAM

SAM'S MENU	1	07/18/02	08/10/04
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Building secondary menu trees....  
Merging.... done.  
Menu Rebuild Complete: Aug 18, 2004@10:11:06

100%  
Complete



Install Completed

- 1 Load a Distribution
- 2 Verify Checksums in Transport Global
- 3 Print Transport Global
- 4 Compare Transport Global to Current System
- 5 Backup a Transport Global
- 6 Install Package(s)  
Restart Install of Package(s)  
Unload a Distribution

Select Installation Option:



## Routines and Checksums

The D CHECK^XTSUMBLD option determines the current checksum of selected routine (s). The checksum of the routine is determined as follows:

1. Any comment line with a single semicolon is presumed to be followed by comments. Only the line tag will be included.
2. Line 2 will be excluded from the count.
3. The total value of the routine is determined by taking and multiplying the ASCII value of each character by its position on the line being checked.

Select one of the following:

- P Package
- B Build

Build from: Build

This will check the routines from a BUILD file.

The following routines are included in Nutrition and Food Service Outpatient Meals v.5.5.

FH	value = 2393060	FH55PRE	value = 782079	FH55PST	value = 1820485
FHADRM2	value = 5099639	FHADRM21	value = 7831940	FHADRM2A	value = 2679539
FHADRM3	value = 5873579	FHADRM4	value = 9650115	FHADRM5	value = 323152
FHADRM1	value = 6121234	FHADRM10	value = 2472024	FHADRM1A	value = 6939546
FHADRM2	value = 3878014	FHADRM3	value = 1811235	FHADRM3A	value = 6395711
FHADRM4	value = 3651849	FHADRM5	value = 3779837	FHADRM6	value = 10011048
FHADRM61	value = 2724873	FHADRM7	value = 6397935	FHADRM8	value = 3103134
FHADRM81	value = 5662701	FHADRM9	value = 7557968	FHADRM9A	value = 5781384
FHADRMPT	value = 3023478	FHADRSY	value = 1383849	FHASC	value = 1661812
FHASE	value = 12541703	FHASE1	value = 4780508	FHASE1A	value = 10243736
FHASE2	value = 5223034	FHASE3	value = 1585843	FHASM1	value = 8988353
FHASM2	value = 8399539	FHASM2A	value = 2430817	FHASM2B	value = 3386101
FHASM2C	value = 3102927	FHASM2D	value = 2275862	FHASM3	value = 5096802
FHASM3A	value = 9169407	FHASM4	value = 7260022	FHASM5	value = 8945494
FHASM6	value = 7486877	FHASM7	value = 9760313	FHASMR	value = 2838618
FHASMR1	value = 10075474	FHASN	value = 3426921	FHASN1	value = 3742277
FHASN3	value = 6030523	FHASN4	value = 10006482	FHASN5	value = 8819802
FHASN6	value = 7923491	FHASN7	value = 2602313	FHASN71	value = 9437034
FHASP	value = 8395017	FHASP1	value = 8312844	FHASP2	value = 3570450
FHASXR	value = 7601463	FHASXR1	value = 9006803	FHBIR	value = 8127227
FHCLN	value = 756893	FHCMS1	value = 1656360	FHCMSR	value = 4599993
FHCMSR1	value = 6665228	FHCTF	value = 681451	FHCTF1	value = 6791721
FHCTF2	value = 620510	FHCTF3	value = 14861699	FHCTF4	value = 6582613
FHCTF5	value = 6284618	FHDCR1	value = 8735169	FHDCR11	value = 8366643
FHDCR1A	value = 13255630	FHDCR1B	value = 9407007	FHDCR1C	value = 2164213
FHDCR1D	value = 10597102	FHDCR2	value = 1181493	FHDEV	value = 1319169
FHDMP	value = 10110673	FHDMP1	value = 3325867	FHDMP2	value = 5924020
FHDMP3	value = 4967182	FHDMP4	value = 7899079	FHDMP5	value = 5238764
FHDPA	value = 2049784	FHDPMG	value = 1667403	FHDPSM	value = 2716567
FHENV	value = 79312	FHIPST6	value = 700221	FHLABEL	value = 4312884
FHMADM2	value = 5973175	FHMADM21	value = 16057620	FHMADM2A	value = 3726314
FHMADM3	value = 11070198	FHMADM4	value = 16679518	FHMASE	value = 12490277
FHMASE1	value = 5823242	FHMASE1A	value = 14479670	FHMAMBRT	value = 7386602
FHMNMADM	value = 9459290	FHMNMNPT	value = 14742749	FHMNMNREP	value = 8554301
FHMNMADM	value = 3747789	FHMNMNRT	value = 2664485	FHMNMNQ	value = 3048115
FHMNMPT	value = 8184781	FHMNMREP	value = 5978199	FHMNTK	value = 7722074
FHMNTK1	value = 9099540	FHMNTK11	value = 11735592	FHMNTK1A	value = 5920546
FHMNTK1B	value = 10574665	FHMNTK1C	value = 8620526	FHMNTK2	value = 4933044
FHMNTK21	value = 5836943	FHMNTK3	value = 7184609	FHMNTK4	value = 7635361
FHMNTK5	value = 8493131	FHMNTK6	value = 7247131	FHMNTK7	value = 5201484
FHMNTK8	value = 9101726	FHMNTKO	value = 8487911	FHNO1	value = 2554062
FHNO2	value = 12273770	FHNO21	value = 6959419	FHNO3	value = 3504490
FHNO31	value = 8155360	FHNO4	value = 1121656	FHNO41	value = 9787088
FHNO5	value = 5504124	FHNO6	value = 9951272	FHNO7	value = 2420941
FHNO8	value = 2809367	FHNU	value = 1616737	FHNU1	value = 4573798
FHNU10	value = 5868490	FHNU11	value = 10048442	FHNU12	value = 5473461
FHNU2	value = 12336623	FHNU3	value = 6836253	FHNU4	value = 11724524
FHNU5	value = 10455147	FHNU6	value = 4729663	FHNU7	value = 5806572
FHNU8	value = 7921572	FHNU9	value = 4484537	FHNUT	value = 4384530
FHOMAPI	value = 763322	FHOMDMP	value = 6770629	FHOMDPA	value = 2651021
FHOMELT	value = 2016540	FHOMGP1	value = 2813402	FHOMGR1	value = 3118003
FHOMIP	value = 1356283	FHOMPP	value = 7069249	FHOMPP1	value = 13298929

FHOMRA1 value = 4387944	FHOMRBL1 value = 7136445	FHOMRBLD value = 8338364
FHOMRC1 value = 4337575	FHOMRE1 value = 7697070	FHOMRMD value = 6282416
FHOMRO1 value = 14538804	FHOMRO2 value = 7575095	FHOMRO3 value = 2692288
FHOMRP1 value = 3934060	FHOMRR1 value = 6837334	FHOMRT1 value = 7938638
FHOMSA1 value = 2801044	FHOMSC1 value = 1027946	FHOMSP1 value = 4349806
FHOMSR1 value = 5776286	FHOMSS1 value = 3045610	FHOMTK1 value = 2915375
FHOMTK2 value = 11158197	FHOMUPD value = 463486	FHOMUTL value = 7088027
FHOMWOR value = 6693069	FHORC value = 4195898	FHORC1 value = 3494894
FHORC2 value = 10525523	FHORC3 value = 7628724	FHORC4 value = 2889882
FHORC5 value = 2011042	FHORD value = 3323649	FHORD1 value = 14039767
FHORD10 value = 7252211	FHORD11 value = 10488552	FHORD13 value = 14504593
FHORD1A value = 3682245	FHORD2 value = 6282474	FHORD3 value = 6791855
FHORD4 value = 5234594	FHORD41 value = 5341907	FHORD5 value = 5803325
FHORD6 value = 11581819	FHORD61 value = 9209461	FHORD7 value = 7938063
FHORD71 value = 11410659	FHORD72 value = 6657144	FHORD8 value = 6666396
FHORD81 value = 10578182	FHORD82 value = 8501055	FHORD83 value = 3783884
FHORD9 value = 12903264	FHORD91 value = 4010823	FHORD92 value = 7776268
FHORD93 value = 10944337	FHORDR value = 3164483	FHORE1 value = 11283169
FHORE1A value = 1924514	FHORE2 value = 5663292	FHORE21 value = 12395288
FHORE3 value = 4225419	FHORO value = 4177668	FHORR value = 3622408
FHORT1 value = 10824538	FHORT10 value = 15414510	FHORT11 value = 2516946
FHORT2 value = 7152566	FHORT3 value = 3727556	FHORT5 value = 5364727
FHORT5A value = 10419764	FHORT5B value = 2194934	FHORT5C value = 3326328
FHORT5D value = 6780132	FHORTR value = 2509889	FHORX value = 1435752
FHORX1 value = 11587212	FHORX1A value = 11347667	FHORX1B value = 4383118
FHORX1C value = 8113410	FHORX2 value = 3148937	FHORX3 value = 8920219
FHPATM value = 7828345	FHPRC value = 5655183	FHPRC1 value = 5569532
FHPRC10 value = 12085984	FHPRC11 value = 14258256	FHPRC12 value = 7939270
FHPRC13 value = 12022196	FHPRC14 value = 9606339	FHPRC2 value = 5062603
FHPRC3 value = 4336625	FHPRC4 value = 2168815	FHPRC5 value = 1913669
FHPRC6 value = 4509284	FHPRC7 value = 3360749	FHPRC8 value = 9089015
FHPRC9 value = 7552440	FHPRF value = 1601618	FHPRF1 value = 14232699
FHPRF1A value = 4281323	FHPRF2 value = 2930578	FHPRF4 value = 1651329
FHPRI value = 3953742	FHPRI1 value = 4796204	FHPRI2 value = 8125121
FHPRI3 value = 1952818	FHPRO value = 6105945	FHPRO1 value = 10888674
FHPRO2 value = 14342192	FHPRO3 value = 2512818	FHPRO4 value = 5871635
FHPRO4A value = 3732530	FHPRO5 value = 4997921	FHPRO6 value = 3001322
FHPRO7 value = 1861736	FHPRR1 value = 4227166	FHPRR2 value = 6709251
FHPRW value = 11342645	FHPRW1 value = 4137314	FHPRW2 value = 3704446
FHPRW3 value = 4037054	FHPRW4 value = 1975449	FHREC value = 3913108
FHREC1 value = 4357665	FHREC2 value = 5088857	FHREC3 value = 1924284
FHREC4 value = 3456680	FHREC5 value = 2832308	FHREC6 value = 8846440
FHREC7 value = 1770111	FHREP value = 4497192	FHREP1 value = 11157584
FHSEL1 value = 9136926	FHSEL2 value = 11181038	FHSEL3 value = 6642148
FHSEL4 value = 6631600	FHSP value = 962380	FHSP1 value = 13812346
FHSP11 value = 4199493	FHSPED value = 12339211	FHSPTAB value = 6582374
FHSYSF value = 798296	FHSYSK value = 4219367	FHSYSP value = 1568629
FHVER value = 1524619	FHWADM value = 6861969	FHWDIS value = 8981841
FHWDISD value = 3391790	FHWGMR value = 799404	FHWHEA value = 13316807
FHWMAS value = 1687237	FHWOR value = 12475464	FHWOR1 value = 2211384
FHWOR2 value = 8091869	FHWOR3 value = 10816921	FHWOR31 value = 2183633
FHWOR4 value = 5632033	FHWOR5 value = 9021388	FHWOR51 value = 5532779
FHWOR5R value = 3603229	FHWOR6 value = 6435773	FHWOR61 value = 5319302

FHWOR7 value = 3464456	FHWOR71 value = 15904813	FHWOR72 value = 11802862
FHWOR8 value = 3058515	FHWORA value = 7483815	FHWORA1 value = 11738990
FHWORI value = 3970884	FHWORP value = 4423837	FHWORR value = 4709359
FHWTRN value = 2729798	FHXCNV value = 3514475	FHXDB value = 12710968
FHXDB1 value = 14538448	FHXDB2 value = 9231699	FHXIN value = 2788331
FHXMOV value = 8770539	FHXOR value = 3928601	FHXOR3 value = 8083732
FHXUTL value = 5306970	FHXWRD value = 3823200	FHZDOC value = 972122
FHZDOC1 value = 704051	FHZDOC2 value = 9217684	FHZDOC3 value = 1019133

# Implementation

## Site Parameters

Prior to using the new Nutrition and Food Service Outpatient Meals v.5.5 software there are some site parameters that need to be set up to allow the system to function properly. In addition, outpatient locations should be set up in the Nutrition Locations file (#119.6 - formerly Dietetic Ward file).

---

**Note:** At any field you can type "??" to get more details or a list of available choices, for example at Outpatient Meals Diet1 it would show a list of all the available Diets to select from.

---

To set the system site parameters, use the *Modify Site Parameters* option.

1. Select the Dietetics Management Option: **System Management**. The following options appear:

```
DF      Create Dietetic File entry for all Inpatients
DL      Update Patient Dietetic Location
FP      Check File Pointers
PD      Purge Dietetic Data
RD      Recode Diets for all Inpatients
RI      Check Integrity of Routines
SP      Modify Site Parameters
```

2. Select the System Management Option: **Modify Site Parameters** by entering **SP**.
3. Select a printer for printing labels

```
Select LABEL PRINTERS: HPLASERJET6-LABEL//
LABEL PRINTERS: HPLASERJET6-LABEL//
SIZE OF LABELS: 2-5/8 x 1 (Laser labels - 30 labels per sheet)//
```

4. Indicate whether it is a multidivisional site. The default is **NO**.

```
MULTIDIVISIONAL SITE?: NO//
```

5. Enter a diet from the Diets file (#111) for each of the five fields that follow. You can enter up to 5 diets only; one in each field. Enter the diet name or enter ?? for a list of diets to chose from. These will be the only outpatient diets that are selectable for VA-outpatient locations with the OUTPATIENT MEAL DIET1 as the default outpatient diet. Non-VA outpatient locations will be able to order any diet from the Diets file.

```
OUTPATIENT MEALS DIET1:
OUTPATIENT MEALS DIET2:
OUTPATIENT MEALS DIET3:
OUTPATIENT MEALS DIET4:
OUTPATIENT MEALS DIET5:
```

6. Enter users who can authorize special meals. You can enter up to 5 users; one user in each field that follows. Enter a user's name or enter ?? for a list of users from the NEW PERSON file (#200).

```
AUTHORIZER 1:
AUTHORIZER 2:
AUTHORIZER 3:
```

AUTHORIZER 4:  
AUTHORIZER 5:

7. Enter YES or NO at the class type field if you serve these types of meals at your facility.

EMPLOYEE CLASS:  
PAID CLASS:  
OOD CLASS:  
VOLUNTEER CLASS:  
GRATUITOUS CLASS:

8. Enter a dollar amount for each class type of meals that you serve at your facility. If you do not serve a particular type of meal, leave that charge-related field blank.

EMPLOYEE BREAKFAST CHARGE:  
EMPLOYEE NOON CHARGE:  
EMPLOYEE EVENING CHARGE:  
PAID BREAKFAST CHARGE:  
PAID NOON CHARGE:  
PAID EVENING CHARGE:  
OOD BREAKFAST CHARGE:  
OOD NOON CHARGE:  
OOD EVENING MEAL:  
VOLUNTEER BREAKFAST CHARGE:  
VOLUNTEER NOON CHARGE:  
VOLUNTEER EVENING CHARGE:  
GRATUITOUS BREAKFAST CHARGE:  
GRATUITOUS NOON CHARGE:  
GRATUITOUS EVENING CHARGE:

9. Enter YES or NO to indicate a tray ticket and whether there is a heading on the bottom of the ticket. The default is YES.

WILL YOU USE TRAY TICKETS?: YES//  
HEADING ON BOTTOM OF TICKET?: YES//

## Outpatient Locations

Outpatient locations are set up in the Nutrition Locations file (#119.6 - formerly Dietetic Ward file).

To set the outpatient locations, use the *Enter/Edit Nutrition Locations* option.

1. Select Dietetics Management Option: **Dietetic Facilities**. The following options appear:

CE	Enter/Edit Communication Offices
FE	Enter/Edit Production Facilities
NE	Enter/Edit Supplemental Fdg. Sites
SE	Enter/Edit Service Points
SL	List Production/Service/Communication Facilities
SP	Modify Site Parameters
WE	Enter/Edit Nutrition Locations
WL	List Nutrition Locations

2. Select Dietetic Facilities Option: **Enter/Edit Nutrition Locations** by entering **WE**.

3. Select **WARD** or **OUTPATIENT** for the type of location you wish to create.

WARD or OUTPATIENT LOCATION: **OUTPATIENT**

4. Enter the name of the Nutrition Location. As with previous versions of the software, this can be the name you want to use for Nutrition and Food Service purposes.

Select Dietetic Facilities Option: WE Enter/Edit Nutrition Locations  
Select WARD or OUTPATIENT Location: Outpatient Location  
Select NUTRITION LOCATION NAME: SBK TESTING LOCATION  
Are you adding 'SBK TESTING LOCATION' as  
A new NUTRITION LOCATION (the 34<sup>TH</sup>)? No//

5. Enter **YES**, and the following appears:

NUTRITION LOCATION NAME: SBK TESTING LOCATION Replace

6. If desired, enter an associated Hospital Location from file #44. It is not required to link every Nutrition Location to an associated Hospital Location. However, for VA-inpatient and VA-outpatient locations, an associated Hospital Location is needed. You can associate multiple Hospital Locations with a Nutrition Location.

ASSOCIATED HOSPITAL LOCATION:

7. Enter **YES**

8. Enter the Tray Service Point. Type ?? to select from list of service points to choose from. If this field is populated, then the next field displays.

TRAY FORECAST %:

9. TRAY FORECAST %. This is the percentage of patients on the ward typically receiving tray service.

10. Enter the Cafeteria Service Point. Type ?? to select from list of service points to choose from. If this field is populated, then the next field displays.

11. CAFETERIA FORECAST %:

12. Enter the Dining Room Tray Service. Enter YES or NO for whether this location will use dining room tray service. If this field is set to YES, then the next field displays.

13. DINING ROOM FORECAST %:

14. Enter the Communication Office: Enter the Communication Office you want to link this location to, or enter ?? for list of Communication Offices.

15. Enter the Max # of Days.

---

**Note:** This field is optional. If used, it will be set to the maximum number of days ahead a recurring meal plan can be ordered; that is, if this field is set to 365, then when ordering a recurring meal, it cannot be ordered past one year from the ordering date. If the field is left NULL, then a default of 999 days is assumed. This field will be checked upon entering the FROM/TO dates in the order/Edit Outpatient Meals option.

---

16. Enter the Number of Days for Review.

---

**Note:** This field will be used for the Outpatient Meals Print Meal Plan Expiration List option. It may be set to a number of days, which will be used for review by the Max # of Days option; that is, if this field is set to 7, then when the Print Meal Plan Expiration List option is run, it will check for recurring meal plans that will be expiring within the next 7 days.

---

17. Enter the Non-VA Facility. Choose from YES (Y) or NO (N).

---

**Note:** This will be an optional YES/NO field that may be set when setting up new outpatient locations. If the field is set to YES, the Order/Edit Recurring Meal option will use this flag to allow selection of up to 5 diets from any diet in the Diets (#111) file. If the field is blank or set to NO, then the Order/Edit option will only allow selection of 1 diet from the 5 allowable diets set up in the site parameters.

---

18. Enter the Inpatient/Outpatient. Enter **O** for Outpatient Locations.

19. Enter the Print Order. Enter a numeric for the print order value.

20. Select Bulk Nourishments

The following fields are optional.

```
# DAYS TO REVIEW NPO:
# DAYS TO REVIEW TF:
# DAYS TO REVIEW SF:
# DAYS FOR STATUS AFTER ADMIT:
# DAYS TO REVIEW STATUS I:
# DAYS TO REVIEW STATUS II:
# DAYS TO REVIEW STATUS III:
# DAYS TO REVIEW STATUS IV:
CAFETERIA ON TRAY TICKET:
INACTIVE?:
```



## Glossary

Term or Acronym	Description
API	Application Programmer Interface
CPRS	Computerized Patient Record System
DFN	File Number—the local/facility patient record number (patient file internal entry number)
FDA	Food and Drug Administration
GUI	Graphical User Interface
HL7	Health Level 7
ICN	Integration Control Number, or national VA patient record number
IMG	Information Management Group
HSD&D	Health System Design and Development
IRM	Information Resource Management
KIDS	Kernel Installation and Distribution System
NNAB	National Nutrition Advisory Board
ODD	Officer of the Day
OINT	Office of Information National Training and Education Office
PCE	Patient Care Encounter
PTF	Patient Treatment File—refers to the VistA Inpatient File in the Local Registry Report, under “Reason Added”
SI	System Implementation
VA	Department of Veteran Affairs
VERA	Veterans Equitable Resource Allocation
VHA	Veterans Health Administration
VISN	Veterans Integrated Service Networks
VistA	Veterans Health Information System and Technology Architecture
WOC	Without Compensation