



***Nutrition and Food Service
Outpatient Meals
Technical Manual and Security Guide***



Version 5.5

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

Revision History

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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 Veterans Health Administration (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

We have developed this guide for members of the Automated Data Processing (ADP) group and the Information Resources Management (IRM) group who are responsible for maintaining and supporting this package.

We assume that individuals within these groups have the following experience or skills.

- Experienced with other Veterans Health Information Systems and Technology Architecture (VistA) software
- Have worked with or will work with an Applications Package Coordinator (ADPAC) or Clinical Applications Coordinator (CAC) familiar with the medication administration process in a VAMC.

Orientation

Software and Manual Retrieval

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

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

Refer to the Web sites listed below when you want to receive more background and technical information about Nutrition and Food Service Outpatient Meals v. 5.5, and to download this manual and related documentation.

Online Documentation for this product is 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 Outpatient Meals home page by using the following address:

http://vista.med.va.gov/clinical_specialties/.

Screen Displays

Before installing Nutrition and Food Service 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.

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

- **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.

Implementation and Maintenance

Minimum 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 are 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. The build contains a post-init routine which converts the .01 field of file #115 from a pointer to file #2 to a free text field which is used to point to either file #2 or file #200.

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:

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

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

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

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 DIETETIC EVENTS

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

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:  
Nov 02, 2004@15:10:01
```

```
Build Distribution Date: Nov 02, 2004
```

```
Installing Routines:Nov 02, 2004@15:10:08
```

```
Running Pre-Install Routine: ^FH55PRE
```

```
Installing Data Dictionaries: Nov 02, 2004@15:10:09
```

```
Installing PACKAGE COMPONENTS:
```

Installing BULLETIN
Installing SECURITY KEY
Installing PRINT TEMPLATE
Installing INPUT TEMPLATE
Installing PROTOCOL
Installing OPTION
Nov 02, 2004@15:10:27
Running Post-Install Routine: ^FH55PST
Updating Routine file...
Updating KIDS files...
DIETETICS 5.5 Installed.
Nov 02, 2004@15:10:29
Not a production UCI
NO Install Message sent

Call MENU rebuild

Starting Menu Rebuild: Nov 02, 2004@15:10:29
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

IMR MENU (MANAGEMENT)

	Immunology Study Manageme...	1		08/10/04
--	------------------------------	---	--	----------

OR MAIN MENU CLINICIAN

	Clinician Menu	3	04/02/98	08/10/04
--	----------------	---	----------	----------

IB MANAGER MENU

	Integrated Billing Master...	1		08/10/04
--	------------------------------	---	--	----------

RMPR OFFICIAL

	Prosthetic Official's Menu	1	10/28/03	08/10/04
--	----------------------------	---	----------	----------

EEO COUNSELORS MENU

	Counselor's Menu	4	08/22/96	08/10/04
--	------------------	---	----------	----------

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

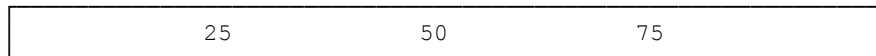
	MIKE'S PRIMARY MENU	2	03/19/98	08/10/04
--	---------------------	---	----------	----------

ACVSAM

	SAM'S MENU	1	07/18/02	08/10/04
--	------------	---	----------	----------

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	FHDPGM	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	FHMNMNPT	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	FHOMGPI	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

Files

The following is a listing of the files exported with Nutrition and Food Service Outpatient Meals V. 5.5

Modified Files

File Number	File Name	Global	Description
115	NUTRITION PERSON	^FHPT(This file contains all dietetic orders for each admission of a patient. It includes diet orders, consult requests, supplemental feedings, early/late tray requests, and tube feedings. It also contains any food allergies entered for the patient.
119.8	NUTRITION EVENTS	^FH(119.8	This file contains entries for all patient movements, diet changes, and tube feeding orders, additional orders, food preferences, standing orders, and patient isolation orders requiring action by the Dietetic Service.
119.6	NUTRITION LOCATION	^FH(119.6	<p>This file is a list of wards in the hospital and associated room-beds and contains various dietetic specific information, such as the assigned clinician, bulk nourishments for the ward, and which Service Point, Communication Office, and Supplemental Feeding Site is assigned responsibility for the ward.</p> <p>This file is also used to store outpatient locations necessary for the outpatient meals enhancement.</p>
119.9	FH SITE PARAMETERS	^FH(119.9	This file contains an extensive set of site parameters designed to indicate characteristics of the Nutrition and Food Service and/or different methods that the Service wishes the program to perform.

Existing Files

File Number	File Name	Global	Description
111	DIETS	^FH(111	This file contains a list of all of the diet modifications allowed by the using facility. Associated with each diet are characteristics, such as alternate names, an abbreviated name, whether a clinician is to be bulletined when ordered, and a diet precedence that is used to prevent diet conflicts and as a printing sequence order.
111.1	DIET PATTERNS	^FH(111.1	This file contains diet patterns. The entries for a specific pattern represent changes from the production diet for this particular pattern.
112	FOOD NUTRIENTS	^FH(112	This file contains both standard USDA nutrient data based upon Handbook 456 and Revised Handbook 8, as well as user entered data. The standard data includes 32 common nutrients.
112.2	DRI VALUES	^FH(112.2	This file contains the values of the Dietary Reference Intakes (DRI). In 1997, the Food and Nutrition Board began releasing updated recommendations for nutrient intake levels that apply to healthy individuals under a new framework called Dietary Reference Intakes. For nutrients that have not yet been revised as DRI (protein, for example), the 1989 RDA values are the most current recommendations and are used here.
112.6	USERMENU	^FHUM(112.6	This file contains menus of food items, classified by day and meal, that are saved for nutrient analysis.
113	INGREDIENT	^FHING(113	This file is the master list of ingredients used in preparing recipes. It contains purchasing information, such as stock number and vendor, issuance data such as the issuing unit, and various conversion factors. Nutritive data, such as food group, poundage factors, and a pointer to the analogous food nutrient item in File 112 are also included.
113.1	STORAGE LOCATION	^FH(113.1	This is the file of storage locations where ingredients are stored by the dietetic service. It is primarily used to sort various ingredient pull lists

File Number	File Name	Global	Description
113.2	FH VENDOR	^FH(113.2	This file contains basic data on the various vendors supplying ingredients to the Dietetic Service. It contains address, telephone numbers and name of contacts.
114	RECIPE	^FH(114	This file contains all recipes necessary to build meals. Each recipe consists of basic data concerning the recipe, various ingredients, and may also contain 'embedded' recipes.
114.1	RECIPE CATEGORY	^FH(114.1	This file contains a basic list of categorizations which may be applied to recipes. It is primarily used to sort and/or determine the order in which lists of recipes will print.
114.2	PREPARATION AREA	^FH(114.2	This file contains a list of areas in which food is prepared. Recipes may be classified by preparation area and this file is used to sort recipes into the various preparation areas as well as determine the order in which various lists will print.
114.3	SERVING UTENSIL	^FH(114.3	This file contains a list of basic serving utensils. Recipes use this file to indicate the most appropriate serving utensil. The utensil name is printed on various reports for use by serving personnel
114.4	EQUIPMENT	^FH(114.4	This file contains a list of basic equipment used in the preparation of recipes. A recipe may point to this list to indicate the primary type of equipment used in the recipe preparation.
115.2	FOOD PREFERENCES	^FH(115.2	This file contains the items which can be selected as patient preference items. It contains both items which can be selected, such as coffee or tea, as well as food preferences (such as no liver) which will result in certain recipes being excluded for the patient.
115.3	NUTRITION CLASSIFICATION	^FH(115.3	This file contains site-specific nutrition classifications used in nutrition assessment and screening.
115.4	NUTRITION STATUS	^FH(115.4	This file contains the four nutrition statuses of the established guidelines that are used in nutrition assessment and screening.
115.5	DIETETIC NUTRITION PLAN	^FH(115.5	This file contains a list of nutrition plan actions which are listed on the Nutrition Screening form.

File Number	File Name	Global	Description
115.6	ENCOUNTER TYPES	^FH(115.6	This file contains a list of types of dietetic encounters, or events, which are used to account for many of the professional activities of dietetic personnel.
115.7	DIETETIC ENCOUNTERS	^FHEN(This file contains the various dietetic encounters entered by dietetics personnel. It includes patient-related events, such as diet instructions, as well as non-patient-related events such as talks to the community.
116	MENU CYCLE	^FH(116	A menu cycle consists of some specified number of days each day of which is associated with a breakfast, noon, and evening meal. An effective date determines the start of the cycle and it will repeat until the effective date of another menu cycle begins.
116.1	MEAL	^FH(116.1	This file contains the various meals served by the institution. A meal consists of all recipes prepared for a breakfast, noon, or evening meal as well as the production diets associated with each recipe. In turn, the production diet entry may indicate the percentage of that recipe that is to be served in a cafeteria or by tray.
116.2	PRODUCTION DIET	^FH(116.2	This file contains a list of the production diets which are the basic diets actually prepared and from which the wide variety of clinical diet modifications are derived.
116.3	HOLIDAY MEALS	^FH(116.3	This file consists of a list of holiday dates for which special meals are prepared. It consists of the holiday date, name, and allows for entry of a breakfast, noon, and/or evening meal which, if present, will override the normal menu cycle meals on that date.
117	MEALS SERVED	^FH(117	This file consists of a list of holiday dates for which special meals are prepared. It consists of the holiday date, name, and allows for entry of a breakfast, noon, and/or evening meal which, if present, will override the normal menu cycle meals on that date.
117.1	STAFFING DATA	^FH(117.1	This file contains the statistical data necessary to prepare the Staffing Data report. Data is saved for each date.
117.2	DIETETIC COST OF MEALS	^FH(117.2	This file is used to store the monthly costs of the various food groups. Data is used to

File Number	File Name	Global	Description
			calculate the cost of meals served as well as ensure an adequate distribution of food across the food groups.
117.3	ANNUAL REPORT	^FH(117.3	The Annual Dietetic Report is designed to facilitate data gathering and to eliminate information that has been discontinued or deemed irrelevant. The report is compiled manually and submitted to Central office Dietetics through regular mail.
117.4	DIETETIC REPORT CATEGORIES	^FH(117.4	This file contains the categories, Specialized Medical Programs, Primary Delivery System, Primary Production System, and the Dietetic Service Equipment
118	SUPPLEMENTAL FEEDINGS	^FH(118	This file contains all items served as supplemental feedings. When appropriate, it may include combinations such as ice cream with spoon. Items designed for bulk delivery to the wards are also contained in this file.
118.1	SUPPLEMENTAL FEEDING MENU	^FH(118.1	This file contains a pattern of supplemental feedings (up to four items for each of three time periods) which are often requested in common situations (e.g., a diabetic patient) and avoids the necessity of individually selecting the various items when ordering supplemental feedings.
118.2	TUBEFEEDING	^FH(118.2	This file contains the products commonly used for tube-feedings as well as their characteristics such as Kcals/cc, cost, and synonyms.
118.3	STANDING ORDERS	^FH(118.3	This is a list of the common standing orders (often called add-ons or specials) which may be ordered for a patient. It may include such things as 'double portions' or preferences such as 'no fish.'
119	DIETITIAN TICKLER FILE	^FH(119	This file contains entries relating to required reviews for each dietitian response for a ward or group of wards. It can also be used to record personal or non-patient related entries.
119.1	UNITS	^FH(119.1	This file consists of a list of units used by the ingredient file to indicate the dietetic issue unit.
119.4	ISOLATION/PRECAUTION TYPE	^FH(119.4	This file contains the list of isolation/precaution types, as commonly identified by medical personnel, and

File Number	File Name	Global	Description
			indicates the characteristics of those types important to the Dietetic Service such as type of china and appropriate tray delivery person.
119.5	DIETETIC CONSULTS	^FH(119.5	This file contains the list of types of dietetic consultations performed as well as 'time-units' necessary to complete such consultations for workload purposes.
119.71	PRODUCTION FACILITY	^FH(119.71	This file is a list of Production Facilities and associated parameters. A Production Facility is generally a main kitchen where bulk food is prepared for use by Service Points.
119.72	SERVICE POINT	^FH(119.72	This file is a list of Service Points and associated parameters. A Service Point is a tray assembly line or cafeteria where bulk food from a Production Facility is served
119.73	COMMUNICATION OFFICE	^FH(119.73	This file is a list of Communication Offices and associated parameters. A Communication Office has responsibility for processing diet orders for a group of wards.
119.74	SUPPLEMENTAL FEEDING SITE	^FH(119.74	This file contains a list of Supplemental Feeding Sites and associated parameters. A Supplemental Feeding Site prepares orders for a group of wards for which it is responsible

Pointer Relations

File/Package: DIETETICS

Date: AUG 16,2004

FILE (#) POINTER FIELD	POINTER TYPE	(#) FILE POINTER FIELD	FILE POINTED TO

L=Laygo *=Truncated	S=File not in set m=Multiple	N=Normal Ref. v=Variable Pointer	C=Xref.

DIET PATTERNS (#111.1)			
DIET1	(N)->	111 DIETS	
DIET2	(N)->	PRODUCTION DIET	-> PRODUCTION DIET
DIET3	(N)->		
DIET4	(N)->		
DIET5	(N)->		
NUTRITION PERSON (#115.016)			
RECURRING MEALS:DIET .	(N)->		
RECURRING MEALS:DIET1	(N)->		
RECURRING MEALS:DIET2	(N)->		
RECURRING MEALS:DIET3	(N)->		
RECURRING MEALS:DIET4	(N)->		
RECURRING MEALS:DIET5	(N)->		
SPECIAL MEALS:DIET ...	(N)->		
GUEST MEALS:DIET	(N)->		
ADMISSION:DIET:DIET1 .	(N)->		
ADMISSION:DIET:DIET2 .	(N)->		
ADMISSION:DIET:DIET3 .	(N)->		
ADMISSION:DIET:DIET4 .	(N)->		
ADMISSION:DIET:DIET5 .	(N)->		
NUTRITION LOCATION (#119.6)			
DEFAULT ADMISSION DIET	(N)->		
FH SITE PARAMETERS (#119.9)			
OUTPATIENT MEALS DIET1	(N)->		
OUTPATIENT MEALS DIET2	(N)->		
OUTPATIENT MEALS DIET3	(N)->		
OUTPATIENT MEALS DIET4	(N)->		
OUTPATIENT MEALS DIET5	(N)->		

		111.1 DIET PATT*	
		DIET1	-> DIETS
		DIET2	-> DIETS
		DIET3	-> DIETS
		DIET4	-> DIETS
		DIET5	-> DIETS
		PRODUCTION DIET	-> PRODUCTION DIET
		ASSOCIATED SF *	-> SUPPLEMENTAL FE*
	m	ASSOCI:ASSOCI*	-> STANDING ORDERS
	m	BREAKF:BREAKF*	-> RECIPE CATEGORY
	m	NOON M:NOON M*	-> RECIPE CATEGORY
	m	EVENIN:EVENIN*	-> RECIPE CATEGORY
	m	DIET R:DIET R*	-> FOOD PREFERENCES
	m	ASSOCI:ASSOCI*	-> STANDING ORDERS
	m	ASSOCI:ASSOCI*	-> STANDING ORDERS

USER MENU (#112.63)			

DAY N:MEAL NU:FOOD IT* (N)->	112 FOOD NUTRIE*
INGREDIENT (#113)	
NUTRIENT DATA REFERENCE (N)->	
RECIPE (#114)	
ASSOCIATED NUTRIENT AN* (N)->	
INGREDIEN:ASSOCIATED * (N)->	

	112.6 USER MENU
	USER -> NEW PERSON
	DAY :MEAL:MEAL* -> MEAL
	DAY :MEAL:PROD* -> PRODUCTION DIET
	m DA:ME:FO:FO* -> FOOD NUTRIENTS
	m DA:ME:RE:RE* -> RECIPE

RECIPE (#114.01)	
INGREDIENT (N)->	113 INGREDIENT
	VENDOR -> FH VENDOR
	DIETETIC UNIT * -> UNITS
	STORAGE LOCATI* -> STORAGE LOCATION
	NUTRIENT DATA * -> FOOD NUTRIENTS
	MASTER ITEM # -> ITEM MASTER

INGREDIENT (#113)	
STORAGE LOCATION (N)->	113.1 STORAGE L*

INGREDIENT (#113)	
VENDOR (N L)->	113.2 FH VENDOR

USER MENU (#112.64)	
DAY N:MEAL NU:RECIPE* (N)->	114 RECIPE
RECIPE (#114.03)	
EMBEDDED RECIPE (N)->	SERVING UTENSIL -> SERVING UTENSIL
FOOD PREFERENCES (#115.2)	
RECIPE (N)->	DEFAULT CATEGO* -> RECIPE CATEGORY
EXCLUDED RECIPES (N)->	PREPARATION AR* -> PREPARATION AREA
MEAL (#116.11)	
RECIPE (N)->	ASSOCIATED NUT* -> FOOD NUTRIENTS
SUPPLEMENTAL FEEDING (#118)	
CORRESPONDING RECIPE . (N)->	m INGRED:INGRED* -> INGREDIENT
TUBEFEEDING (#118.2)	
CORRESPONDING RECIPE . (N)->	INGRED:ASSOCI* -> FOOD NUTRIENTS
	m DIABET:DIABET* -> RECIPE CATEGORY
	m EMBEDD:EMBEDD* -> RECIPE
	m EQUIPM:EQUIPM* -> EQUIPMENT

DIET PATTERNS (#111.115)	
BREAKFAST MODIFICATIONS (N C)->	114.1 RECIPE CA*
NOON MODIFICATIONS ... (N C)->	
EVENING MODIFICATIONS (N C)->	
RECIPE (#114)	
DEFAULT CATEGORY (N)->	
DIABETIC EXCHANGE (N C)->	
MEAL (#116.11)	
RECIPE:CATEGORY (N)->	
RECIPE:RECIPE CATEGORY (N)->	

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RECIPE (#114)
  PREPARATION AREA ..... (N )-> | 114.2 PREPARATI* |
-----
RECIPE (#114)
  SERVING UTENSIL ..... (N )-> | 114.3 SERVING U* |
-----
RECIPE (#114.05)
  EQUIPMENT ..... (N L)-> | 114.4 EQUIPMENT |
-----
DIETETIC EVENTS (#119.8)
  PATIENT ..... (N C )-> | 115 NUTRITION P* |
  PATIENT |-> PATIENT
  NEW PERSON |-> NEW PERSON
  ISOLATION/PREC* |-> ISOLATION/PRECA*
  IP OE/RR ORDER* |-> ORDER
  ADMISS:ISOLAT* |-> ISOLATION/PRECA*
  ADMISS:OE/RR * |-> ORDER
  ADMISS:LAST L* |-> NUTRITION LOCAT*
  ADMISS:DIETET* |-> NUTRITION LOCAT*
  ADMISS:ROOM-B* |-> ROOM-BED
  NUTRIT:RISK C* |-> NUTRITION STATUS
  NUTRIT:NUTRIT* |-> NUTRITION CLASS*
  NUTRIT:ENTERI* |-> NEW PERSON
  NUTRIT:STATUS* |-> NUTRITION STATUS
  NUTRIT:ENTRY * |-> NEW PERSON
  NUTRIT:REVIEW* |-> NEW PERSON
  NUTRIT:DIETET* |-> NUTRITION LOCAT*
  RECURR:RECURR* |-> ORDER
  RECURR:DIET* |-> DIETS
  RECURR:OUTPAT* |-> NUTRITION LOCAT*
  RECURR:DIET1* |-> DIETS
  RECURR:DIET2* |-> DIETS
  RECURR:DIET3* |-> DIETS
  RECURR:DIET4* |-> DIETS
  RECURR:DIET5* |-> DIETS
  RECURR:ADDITI* |-> NEW PERSON
  RECURR:ADDITI* |-> ORDER
  RECURR:EARLY/* |-> NEW PERSON
  RECURR:EARLY/* |-> ORDER
  RECURR:TUBEFE* |-> ORDER
  SPECIA:LOCATI* |-> NUTRITION LOCAT*
  SPECIA:DIET* |-> DIETS
  SPECIA:REQUES* |-> NEW PERSON
  SPECIA:AUTHOR* |-> NEW PERSON
  SPECIA:EARLY/* |-> NEW PERSON
  SPECIA:SPECIA* |-> ORDER
  GUEST :LOCATI* |-> NUTRITION LOCAT*
  GUEST :DIET* |-> DIETS
  ADMI:DIET:DIET* |-> DIETS
  ADMI:DIET:DIET* |-> DIETS
  ADMI:DIET:DIET* |-> DIETS
  ADMI:DIET:DIET* |-> DIETS
  ADMI:DIET:DIET* |-> DIETS
  ADMI:DIET:CLER* |-> NEW PERSON
  ADMI:DIET:PROD* |-> PRODUCTION DIET
  ADMI:DIET:OE/R* |-> ORDER
  ADMI:DIET:CURR* |-> ORDER STATUS
  ADMI:DIET:REVI* |-> NEW PERSON
  ADMI:DIET:CANC* |-> NEW PERSON
  ADMI:DIET:PATT* |-> NEW PERSON

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		NUTR:LAB :LAB *	->	LABORATORY TEST
		ADMI:CONS:CONS*	->	DIETETIC CONSUL*
		ADMI:CONS:CLIN*	->	NEW PERSON
		ADMI:CONS:CLER*	->	NEW PERSON
		ADMI:CONS:CLER*	->	NEW PERSON
		ADMI:CONS:OE/R*	->	ORDER
		ADMI:CONS:OE/R*	->	ORDER
		ADMI:TUBE:ENTE*	->	NEW PERSON
		ADMI:TUBE:CANC*	->	NEW PERSON
		ADMI:TUBE:OE/R*	->	ORDER
		ADMI:TUBE:REVI*	->	NEW PERSON
		ADMI:EARL:CLER*	->	NEW PERSON
		ADMI:EARL:OE/R*	->	ORDER
		ADMI:ADDI:CLER*	->	NEW PERSON
		ADMI:ADDI:CLER*	->	NEW PERSON
		ADMI:ADDI:OE/R*	->	ORDER
		ADMI:SUPP:ENTE*	->	NEW PERSON
		ADMI:SUPP:SF M*	->	SUPPLEMENTAL FE*
		ADMI:SUPP:10AM*	->	SUPPLEMENTAL FE*
		ADMI:SUPP:10AM*	->	SUPPLEMENTAL FE*
		ADMI:SUPP:10AM*	->	SUPPLEMENTAL FE*
		ADMI:SUPP:10AM*	->	SUPPLEMENTAL FE*
		ADMI:SUPP:2PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:2PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:2PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:2PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:8PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:8PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:8PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:8PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:8PM *	->	SUPPLEMENTAL FE*
		ADMI:SUPP:REVI*	->	NEW PERSON
		ADMI:SUPP:CANC*	->	NEW PERSON
		ADMI:STAN:ORDE*	->	STANDING ORDERS
		ADMI:STAN:ENTE*	->	NEW PERSON
		ADMI:STAN:CANC*	->	NEW PERSON
		m FOOD P:FOOD P*	->	FOOD PREFERENCES
		m AD:TU:TF:TF*	->	TUBEFEEDING
		ADMI:Moni:CLEA*	->	NEW PERSON
		m RECU:TUBE:TUBE*	->	TUBEFEEDING

DIET PATTERNS (#111.119)				
DIET RESTRICTION (N C)->		115.2 FOOD PEF*		
NUTRITION PERSON (#115.09)				
FOOD PREFERENCES (N)->		RECIPE	->	RECIPE
		m EXCLUD:EXCLUD*	->	RECIPE

NUTRITION PERSON (#115.011)				
NUTRITION:NUTRITION P* (N)->		115.3 NUTRITION*		

NUTRITION PERSON (#115.011)				
NUTRITION:RISK CATEGO* (N)->		115.4 NUTRITION*		
NUTRITION STATUS:STATUS (N)->				

DIETETIC ENCOUNTERS (#115.7)				
ENCOUNTER TYPE (N)->		115.6 ENCOUNTER*		

		115.7 DIETETIC *		
		CLINICIAN	->	NEW PERSON

		ENCOUNTER TYPE	->	ENCOUNTER TYPES
		EVENT LOCATION	->	HOSPITAL LOCATI*
		COMMUNICATIONS*	->	COMMUNICATION O*
		ENTERING CLERK	->	NEW PERSON
		REVIEW CLERK	->	NEW PERSON
	m	PATIENT: PATIENT	->	PATIENT
		PATIEN: LOCATI*	->	HOSPITAL LOCATI*

		116 MENU CYCLE		
		DAY: BREAKF*	->	MEAL
		DAY: NOON MEAL	->	MEAL
		DAY: EVENIN*	->	MEAL

USER MENU (#112.62)				
DAY N: MEAL NU: MEAL* .. (N) ->		116.1 MEAL		
MENU CYCLE (#116.01)				
DAY: BREAKFAST MEAL ... (N) ->	m	RECIPE: RECIPE	->	RECIPE
DAY: NOON MEAL (N) ->		RECIPE: CATEGORY	->	RECIPE CATEGORY
DAY: EVENING MEAL (N) ->	m	RECI: POPU: SERV*	->	SERVICE POINT
HOLIDAY MEALS (#116.3)				
BREAKFAST MEAL (N) ->	m	RECI: RECI: RECI*	->	RECIPE CATEGORY
NOON MEAL (N) ->				
EVENING MEAL (N) ->				

DIETS (#111)				
PRODUCTION DIET (N) ->		116.2 PRODUCTIO*		
DIET PATTERNS (#111.1)				
PRODUCTION DIET (N) ->	m	SINGUL: SINGUL*	->	PRODUCTION DIET
USER MENU (#112.62)				
DAY N: MEAL NU: PRODUCT* (N L) ->				
NUTRITION PERSON (#115.02)				
ADMIS: DIET: PRODUCT* .. (N) ->				
PRODUCTION DIET (#116.211)				
SINGULAR PRODUCTION DI* (N C) ->				
SERVICE POINT (#119.721)				
ADDITIONA: ADD. MEALS * (N C) ->				
PRODUCTIO: FORECAST % * (N C) ->				

		116.3 HOLIDAY M*		
		BREAKFAST MEAL	->	MEAL
		NOON MEAL	->	MEAL
		EVENING MEAL	->	MEAL

		117 MEALS SERVED		
		COMM O: COMM O*	->	COMMUNICATION O*

		117.1 STAFFING *		
		COMM O: COMM O*	->	COMMUNICATION O*

		117.3 ANNUAL RE*		
	m	SPECIA: SPECIA*	->	DIETETIC REPORT*
	m	PRIMAR: PRIMAR*	->	DIETETIC REPORT*
	m	DIETET: DIETET*	->	DIETETIC REPORT*

ANNUAL REPORT (#117.312)				

SPECIALIZED MEDICAL PR* (N C)->	117.4 DIETETIC *	
PRIMARY DELIVERY SYSTEM (N C)->		
DIETETIC EQUIPMENT ... (N C)->		

NUTRITION PERSON (#115.07)		
ADMIS:SUPPLEM:10AM FE* (N)->	118 SUPPLEMENTA*	
ADMIS:SUPPLEM:10AM FE* (N)->	CORRESPONDING *	-> RECIPE
ADMIS:SUPPLEM:10AM FE* (N)->		
ADMIS:SUPPLEM:10AM FE* (N)->		
ADMIS:SUPPLEM:2PM FEE* (N)->		
ADMIS:SUPPLEM:2PM FEE* (N)->		
ADMIS:SUPPLEM:2PM FEE* (N)->		
ADMIS:SUPPLEM:2PM FEE* (N)->		
ADMIS:SUPPLEM:8PM FEE* (N)->		
ADMIS:SUPPLEM:8PM FEE* (N)->		
ADMIS:SUPPLEM:8PM FEE* (N)->		
ADMIS:SUPPLEM:8PM FEE* (N)->		
SUPPLEMENTAL FEEDING (#118.1)		
10AM FEEDING #1 (N)->		
10AM FEEDING #2 (N)->		
10AM FEEDING #3 (N)->		
10AM FEEDING #4 (N)->		
2PM FEEDING #1 (N)->		
2PM FEEDING #2 (N)->		
2PM FEEDING #3 (N)->		
2PM FEEDING #4 (N)->		
8PM FEEDING #1 (N)->		
8PM FEEDING #2 (N)->		
8PM FEEDING #3 (N)->		
8PM FEEDING #4 (N)->		
NUTRITION LOCATION (#119.61)		
BULK NOURISHMENTS (N)->		

DIET PATTERNS (#111.1)		
ASSOCIATED SF MENU ... (N)->	118.1 SUPPLEMEN*	
NUTRITION PERSON (#115.07)		
ADMIS:SUPPLEM:SF MENU* (N)->	10AM FEEDING #1	-> SUPPLEMENTAL FE*
	10AM FEEDING #2	-> SUPPLEMENTAL FE*
	10AM FEEDING #3	-> SUPPLEMENTAL FE*
	10AM FEEDING #4	-> SUPPLEMENTAL FE*
	2PM FEEDING #1	-> SUPPLEMENTAL FE*
	2PM FEEDING #2	-> SUPPLEMENTAL FE*
	2PM FEEDING #3	-> SUPPLEMENTAL FE*
	2PM FEEDING #4	-> SUPPLEMENTAL FE*
	8PM FEEDING #1	-> SUPPLEMENTAL FE*
	8PM FEEDING #2	-> SUPPLEMENTAL FE*
	8PM FEEDING #3	-> SUPPLEMENTAL FE*
	8PM FEEDING #4	-> SUPPLEMENTAL FE*

NUTRITION PERSON (#115.1)		
ADMIS:TUBEFEED:TF PROD* (N C)->	118.2 TUBEFEEDI*	
RECURRING:TUBEFEEDING* (N C)->	CORRESPONDING *	-> RECIPE

DIET PATTERNS (#111.11)		
ASSOCIATED STANDING OR* (N)->	118.3 STANDING *	
ASSOCIATED STANDING OR* (N)->		
ASSOCIATED STANDING OR* (N)->		
NUTRITION PERSON (#115.08)		
ADMIS:STANDIN:ORDER* . (N C)->		

```

-----
| 119 DIETITIAN T* |
| DIETITIAN |-> NEW PERSON
| ITEM:PATIENT |-> PATIENT
| ITEM:ADMISSION |-> PATIENT MOVEMENT
-----
INGREDIENT (#113)
DIETETIC UNIT OF ISSUE (N L)-> | 119.1 UNITS |
-----
NUTRITION PERSON (#115)
ISOLATION/PRECAUTION (* (N C )-> | 119.4 ISOLATION* |
ADMISSION:ISOLATION/P* (N C )-> | |
-----
NUTRITION PERSON (#115.03)
ADMIS:CONSULT:CONSULT* (N )-> | 119.5 DIETETIC * |
| USER TO BULLET* |-> NEW PERSON
-----
NUTRITION PERSON (#115.01)
ADMISSION:LAST LABEL * (N )-> | 119.6 NUTRITION* |
ADMISSION:DIETETIC WARD (N C )-> | CLINICIAN |-> NEW PERSON
NUTRITION:DIETETIC WA* (N )-> | TRAY SERVICE P* |-> SERVICE POINT
RECURRING:OUTPATIENT * (N )-> | CAFETERIA SERV* |-> SERVICE POINT
SPECIAL MEALS:LOCATION (N )-> | COMMUNICATION * |-> COMMUNICATION O*
GUEST MEALS:LOCATION . (N )-> | SUPP. FDG. SITE |-> SUPPLEMENTAL FE*
FHZQ DAILY PRINT (#541374)
DIET WARD ..... (N S )-> | DEFAULT ADMISS* |-> DIETS
| v OUTPATIENT LOC* |-> WARD LOCATION
| |-> HOSPITAL LOCATI*
| m BULK N:BULK N* |-> SUPPLEMENTAL FE*
| m ROOM-B:ROOM-B* |-> ROOM-BED
| m ASSOCI:ASSOCI* |-> WARD LOCATION
| m ASSOCI:ASSOCI* |-> HOSPITAL LOCATI*
-----
SERVICE POINT (#119.72)
PRODUCTION FACILITY .. (N )-> | 119.71 PRODUCTI* |
SUPPLEMENTAL FEEDING (#119.74)
PRODUCTION FACILITY .. (N )-> | |
FHZQ DAILY PRINT (#541374)
PRODUCTION FACILITY .. (N S )-> | |
-----
MEAL (#116.112)
RECIP:POPULAR:SERVICE* (N C )-> | 119.72 SERVICE * |
NUTRITION LOCATION (#119.6)
TRAY SERVICE POINT ... (N C )-> | PRODUCTION FAC* |-> PRODUCTION FACI*
CAFETERIA SERVICE POINT (N C )-> | m ADDITI:ADD. M* |-> PRODUCTION DIET
FHZQ DAILY PRINT (#541374)
SERVICE POINT ..... (N S )-> | m PRODUC:FORECA* |-> PRODUCTION DIET
-----
DIETETIC ENCOUNTERS (#115.7)
COMMUNICATIONS OFFICE (N C )-> | 119.73 COMMUNIC* |
MEALS SERVED (#117.06)
COMM OFFICE ..... (N )-> | |
STAFFING DATA (#117.11)
COMM OFFICE ..... (N )-> | |
NUTRITION LOCATION (#119.6)

```

```

COMMUNICATION OFFICE . (N C )-> | |
FHZQ DAILY PRINT (#541374) | |
COMMUNICATION OFFICE . (N S )-> | |
-----
NUTRITION LOCATION (#119.6) | |
SUPP. FDG. SITE ..... (N )-> | 119.74 SUPPLEME* |
FHZQ DAILY PRINT (#541374) | |
SUPPLEMENTAL FEEDING S* (N S )-> | PRODUCTION FAC* |-> PRODUCTION FACI*
-----
| 119.8 DIETETIC * |
| PATIENT |-> NUTRITION PERSON
| ADMISSION |-> PATIENT MOVEMENT
| ENTERED CLERK |-> NEW PERSON
-----
| 119.9 FH SITE P* |
| OUTPATIENT MEA* |-> DIETS
| OUTPATIENT MEA* |-> DIETS
| OUTPATIENT MEA* |-> DIETS
| OUTPATIENT MEA* |-> DIETS
| OUTPATIENT MEA* |-> DIETS
| AUTHORIZOR 1 |-> NEW PERSON
| AUTHORIZOR 2 |-> NEW PERSON
| AUTHORIZOR 3 |-> NEW PERSON
| AUTHORIZOR 4 |-> NEW PERSON
| AUTHORIZOR 5 |-> NEW PERSON
| m LAB TE:LAB TE* |-> LABORATORY TEST
| m LABEL :LABEL * |-> DEVICE
| m DRUG C:DRUG C* |-> VA DRUG CLASS
-----

```


Exported Options

The menu and options exported by the Outpatient Meals are all located in the FH namespace. Individual options can be viewed by using the Kernel option XUINQUIRE (Inquire). This option is found on the menu XUMAINT (Menu Management), which is a sub-menu of the EVE (Systems Manager Menu) option.

A diagram of the structure of the Outpatient Meals menu and its options can be produced by using the Kernel option XUUSERACC (Diagram Menus). Choosing XUUSERACC permits you to further select XUUSERACC1 or XUUSERACC2 menu diagrams with entry/exit actions or abbreviated menu diagrams. This option is found on the menu XUMAINT (Menu management), which is a sub-menu of the EVE (Systems Manager Menu) option.

Internal Entry Name	Option Name	Description
[FHMGROM]	OM: Outpatient Meals Main Menu	This menu allows access to all options pertaining to the outpatient meals functionality.
[FHOMSMGR]	SM: Special Meals Menu	This menu allows yo access to all special meals options within the outpatient meals menu
[FHOMSR]	RO: Request a Meal	This option allows the request of a special meal.
[FHOMSA]	AM: Authorize a Meal	This option allows an authorized user to authorize a special meal request.
[FHOMSP]	PM: Print Meal Voucher	This option allows you to print a special meal voucher ticket.
[FHOMSC]	CM: Cancel a Meal	This option allows the user to cancel a special meal.
[FHOMSS]	MS: Meal Status Report	This option allows to prints a list of existing special meals and their current status
[FHOMRMGR]	RM: Recurring Meals Menu	This menu allows access to all recurring meals options within the outpatient meals or the editing of existing outpatient meals.
[FHOMRO]	OD: Order/Edit Outpatient Meals	Option to order recurring outpatient meals or edit existing outpatient meals.
[FHOMRE]	EL: Early/Late Tray	This option allows you to enter an early/late tray for an outpatient recurring mea
[FHOMRR]	RO: Review Outpatient Meal	Use this option to display/review recurring outpatient meals
[FHORD9]	PP: Patient Profile	This option will produce a comprehensive display of most dietetic orders and data associated with a patient's admission. It includes diet orders, active or saved consults, early/late tray requests for the next 72 hours, standing orders, tube feedings, supplemental feedings, etc As of Version 5.5, this report will include outpatient data as well, including recurring meals, special meals and guest

Internal Entry Name	Option Name	Description
		meals.
[FHOMRC]	CM: Cancel Outpatient Meal	This option allows the cancellation of existing outpatient recurring meal(s)
[FHOMRA]	AO: Additional Orders	This option allows the entry of additional orders for outpatients with recurring meals.
[FHOMRT]	TF: Tube feeding	This option allows you to order tube feedings for outpatients with recurring meals.
[FHOMRP]	PT: Recurring Meal Plan Expiration List	This option displays a list of meal plans expiring for selected outpatient locations.
[FHOMIP]	IP: Outpatient Isolation/Precaution	This option is used for entering Isolations/Precautions for outpatients.
[FHOMRAC]	CA: Cancel Additional Order	This option is used to cancel existing additional orders.
[FHOMREC]	CE: Cancel Early/Late Tray	This option is used to cancel existing early/late tray orders.
[FHOMRTC]	CT: Cancel Tube feeding	This option is used to cancel existing tube feeding orders.
[FHOMGMGR]	GM: Guest Meals Menu	This menu allows access to all guest meals options within the outpatient meals menu.
[FHOMGR]	GM: Request a Meal	This option allows the user to order an outpatient guest meal for individuals categorized in one of the five listed classifications and be added to the N&FS meal list.
[FHOMGP]	PT: Print Guest Meal List	This option provides a printed list of requested guest meals by Date, Patient Name, Meal, Class, and Location.

XINDEX

XINDEX is a routine that produces a report called the VA Cross-Reference. This report is a technical and cross-reference listing of one routine or a group of routines. XINDEX provides a summary of errors and warnings for routines that do not comply with VA programming standards and conventions, a list of local and global variables and what routines they are referenced in, and a listing of internal and external routine calls.

XINDEX is invoked from programmer mode: D ^XINDEX.

When selecting routines, select FH*.

Protocols

- 1 FH IBDF EDIT HEADER BLOCK Form Header
- 2 FH EVSEND OR FH --> OR event messages
- 3 FH ORDERABLE ITEM UPDATE Update Dietetics orderable item
- 4 FH RECEIVE FH receives order msg from OE/RR
- 5 FH SIGNED REACTION CANCEL FH Signed Reaction Cancel
- 6 FH SIGNED REACTION INTERFACE FH Signed Reaction Interface
- 7 FHW1 Diet Order
- 8 FHW2 Early/Late Tray
- 9 FHW3 Isolation/Precautions
- 10 FHW4 NPO
- 11 FHW6 Dietetic Consult
- 12 FHW7 Additional Orders
- 13 FHW8 Tubefeeding
- 14 FHWMAS Dietetics MAS Event Processor
- 15 FHWMENU Dietetic Orders

Callable Routines/Entry Points/Application Programmer Interfaces

The following APIs are updated in Outpatient Meals v.5.5:

```
EN (DFN, FHPAR) ^FHWOR8 ; Get the Order Parameter by passing the DFN and  
Variable  
EN1 (LOC, FHPAR) ; Get the Order Parameters by passing the WARD/HOSP  
LOCATION
```

The following APIs are new to Outpatient Meals v.5.5:

```
EN2 (DFN, FHM, FHPAR) ; Get the list of meal dates by passing the  
DFN/MEAL  
EN3 (DFN, FHPAR) ; Get the list of recurring meal dates by passing the  
DFN
```

All four APIs are used by CPRS/OERR.

External Interfaces

External Interfaces are not used in the Nutrition and Food Service Outpatient Meals V5.5 software.

Database Integration Agreements (DBIAs)

Nutrition and Food Service Outpatient Meals V. 5.5 subscribes to Database Integration Agreements (DBIAs) with the Health Summary, CPRS, and Nursing. Nutrition and Food Service Outpatient Meals v. 5.5 also offers DBIAs for other packages to subscribe to as well.

DBIA 2287, used by CPRS/OERR, was modified in Nutrition and Food Service Outpatient Meals v. 5.5.

For detailed information about these DBIAs, log in to FORUM and select the *Integration Agreements Menu* [DBA IA ISC] option located under the *DBA* [DBA] option (Data Base Administrator). Once in the Integration Agreements Menu Option, select “Inquire” and type **FH** at the “Select INTEGRATION REFERENCES:” prompt.

Internal Relations

Very few of the options in this package would appear to be candidates for standalone use. Therefore, a number of menus have been formally documented as assignable. Other options are not designed for standalone use but may be assigned to locally-developed menus if desired. However, such options may not be utilized in future releases.

The assignable menus are described in the section Exported Menu Structure.

Package Wide Variables

No variables are used package wide.

Mail Groups and Alerts

Under the Special Meals menu, the Request a Meal option will call SETUP^XQALERT to send an alert to the five Authorizers set-up in the site parameters if the person requesting the meal does not hold the FHAUTH key. The Authorize a Meal option will call SETUP^XQALERT to send an alert back to the requestor once the meal has been authorized or denied by an authorizer.

Remote Systems

No remote systems are used in the Outpatient Meals V5.5 software

Archiving

Archiving capabilities are not currently available for Nutrition and Food Service Outpatient Meals v. 5.5.

Contingency Planning

Sites utilizing the Nutrition and Food Service Outpatient Meals v. 5.5 should develop a local contingency plan to be used in the event of product problems in a live environment. The facility contingency plan must identify the procedure for maintaining functionality provided by this package in the event of system

outage. Field station Information Security Officers (ISOs) may obtain assistance from their Regional Information Officer (RISO).

Interfacing

No interfacing is used in the Nutrition and Food Service Outpatient Meals V5.5 software.

Electronic Signatures

Under the Special Meals menu, the Authorize a Meal option will call SIG^XUSESIG to prompt the authorizer for their electronic signature when authorizing or denying a special meals voucher.

Menu Assignments

Assign the following menus to Nutrition and Food Service Outpatient Meals V. 5.5 users if they have not already been assigned:

Name	User
FHMGR	Dietetics Management - N&FS application coordinator, Chief, Nutrition and Food Service
FHWARD	Dietetic Orders - Ward clerks, clinic clerks, nurses, clinical dietitians, dietetic technicians

Package Security

Security in this package is controlled almost exclusively by the menu option that is assigned to a person. The use of menus containing MGR give the person read/write access to all files referenced by their options while other menus give only read access to important files.

Since a substantial amount of file pointering occurs in this package, deletion of entries in many files is prohibited under ordinary conditions. Rather, entries are deactivated and are screened from selection. In order to reactivate these entries, a person with FileMan access of @ or the FHMGR Security Key must select and re-activate any inactive entries.

Security Keys

Allocate the following security keys to appropriate site personnel:

Name	Description
FHAUTH	This new key allows authorization of Outpatient Meals Special Meals requests.
FHMGR	This key allows deletion of Dietetics file entries as well as the ability to select inactivated entries for re-activation or deletion.
FHWARD	This key is for the set of routines comprising FHWARD, the ward order-entry programs

File Security

Nutrition and Food Service Outpatient Meals v. 5.5 changes and enhancements do not modify any existing file security schemes.

Official Policy

Nutrition and Food Service Outpatient Meals v. 5.5 software release references no official policy unique to the product regarding the modification of software and distribution of the version.

Glossary

Acronyms and Descriptions

Acronym	Description
API	Application Programmer Interface
ARTS	Adverse Reaction Tracking
CPRS	Computerized Patient Record System
DFN	File Number—the local/facility patient record number (patient file internal entry number)
DVA	Department of Veterans Affairs
FDA	Food and Drug Administration
GUI	Graphical User Interface
HL7	Health Level 7
HSD&D	Health System Design and Development
ICN	Integration Control Number, or national VA patient record number
IMG	Information Management Group
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
PIMS	Patient Information Management Systems
PMO	Project Management Office
PTF	Patient Treatment File
SI	System Implementation
VA	Department of Veteran Affairs
VERA	Veterans Equitable Resource Allocation
VHA	Veterans Health Administration

Acronym	Description
VISN	Veterans Integrated Service Networks
VistA	Veterans Health Information System and Technology Architecture
WOC	Without Compensation