



Clinical Monitoring System V. 1.0

Installation Guide

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Date	Description (Patch # if applic.)	Project Manager	Technical Writer
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Revision History

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Installing the System

This package requires Kernel 7.0 or later, VA FileMan 19 or later, MAS 5 or later, and the NEW PERSON file (#200). This software has a condition that accesses the Lab package and was developed using Lab Version 5.1. If your site is running Mental Health Version 4.18 and/or Outpatient Pharmacy Version 5.5 or later, the Clinical Monitoring System software also offers conditions using those packages. The global ^QA should be journaled and backed up. Journaling should be suspended during the installation. All QA package end users should be off the system. Others may remain on. It is recommended that the initialization be done at a time of low activity.

Do not delete any of the QAQ* routines prior to loading this package. A pre-init routine will take care of the loading and/or deleting of the appropriate QAQ routines.

1. There are a number of ICD/Diagnosis and Procedure groups used by JCAHO indicator monitors that can be installed either during the initial installation via a post-init or at a later date (See Installation Example). Check with your QM ADPAC to determine if and/or when these should be loaded.
2. Load the QAM*, QAQ* and QAI* routines into the account where the ^QA global resides, or where you want it to reside. If ^QA does not exist, place it by using the GLOMAN (DSM) or %GCH (MSM) utility and set global protection to "RW". Before using %GCH, "S ^QA=0".

Note: QAQ routines are used by all QA namespaced packages and therefore are distributed with them. QAI routines install and clean up older versions of the QAQ routines.

3. Initialize the package by running the Clinical Monitoring System installation routine.

D ^QAMINST

The install routine will update the QA Integration Module based upon the version you are running, if any. The Clinical Monitoring System V1.0 will then perform the init routines. See the Installation Example.

IRM Setup

The following are the main steps for IRM in the setup of the software. For more complete instructions, see the Implementation Check List.

1. Using the TaskManager *Schedule/Unschedule Options* option, please queue the automatic enrollment option *QAM TASKED AUTO ENROLL RUN* to run daily after midnight. This option calls the routine QAMAUTO0 that searches the database for patient activities that meet defined conditions from the previous day. For more information on conditions, please refer to the User Manual or ADPAC Guide.

2. Do not select a printer device within TaskMan. Define the device for output by using the manager menu option *Site Parameters Edit*. The other site parameters that control the manual running of auto enroll should also be edited at this time. See the Site Parameters option documentation in this manual for more details.

3. Use the *Application Group Edit* option to add the desired files to the QAM application group. This step is necessary before any groups can be created from those files via the *Group Edit* option. Below is the default list of files included in this option. Files can be added to or removed from this list.

2	Patient	80.1	ICD Operation/Procedure
37	Disposition	405.3	MAS Movement Transaction Type
42	Ward Location	405.2	MAS Movement Type
44	Hospital Location	409.1	Appointment Type
45.7	Facility Treating Specialty	615.5	S/R Reason
49	Service / Section	615.6	S/R Category
80	ICD Diagnoses	743	QA Monitor

4. Ascertain that the QA users have their terminals and printers in place and functional.

5. With the assistance of the QM ADPAC, assign the menus to users. The Monitoring System Manager Menu is usually given only to the QM ADPAC. The Monitoring System Programmer Menu should be assigned to the IRM support person for the Clinical Monitoring System. This may vary with the site. There are no security keys to take into consideration at this time.

Resource Requirements

CRTs

At least one CRT for the use of the QM Coordinator; more if required for the QM staff.

Printers

At least one dedicated for QM use. It is preferable to route the report of the daily auto enrollment running to this printer. The printer needs to be available at all times for producing reports

CPU Capacity

The daily interactive use of the package uses only a small amount of the total CPU capacity. The nightly run of the auto enroll routines is more intensive, but this process should be queued to run at a time of low CPU activity.

Disk Capacity

File #743 1000 bytes per record

File #743.1 1000 bytes per record

Resource Requirements

Installation Example

Note that the text of the init dialogue may not be an exact match of what you will see when running the installation. It is provided as a best approximation of a typical install.

```
D ^XUP
Setting up programmer environment
Terminal Type set to: C-VT100
Select OPTION NAME: <RET>
```

```
D ^QAMINST
```

Beginning installation of Clinical Monitoring System Version 1.0.

You are running Version #.# of the QA Integration Module.
I have to update the QA Integration Module to version 1.5

NOTE: The version number displayed (#.#) may be any number less than 1.5. If it is equal to 1.5, it will not be updated.

This version (#1.5) of 'QAQINIT' was created on 29-JUL-1993
(at CHICAGO ISC, by VA FileMan V.19)

I HAVE TO RUN A PRE-INITIALIZATION ROUTINE.
I AM GOING TO SET UP THE FOLLOWING FILES:

```
740          QUALITY ASSURANCE SITE PARAMETERS
Note: You already have the 'QUALITY ASSURANCE SITE PARAMETERS' File.
```

```
740.1        AD HOC MACRO
```

```
740.5        QA AUDIT
Note: You already have the 'QA AUDIT' File.
```

SHALL I WRITE OVER FILE SECURITY CODES? NO// Y (YES)

NOTE: This package also contains SORT TEMPLATES

SHALL I WRITE OVER EXISTING SORT TEMPLATES OF THE SAME NAME? YES//
(YES)

NOTE: This package also contains INPUT TEMPLATES

SHALL I WRITE OVER EXISTING INPUT TEMPLATES OF THE SAME NAME? YES//
(YES)

NOTE: This package also contains PRINT TEMPLATES

SHALL I WRITE OVER EXISTING PRINT TEMPLATES OF THE SAME NAME? YES//
(YES)

NOTE: This package also contains OPTIONS

SHALL I WRITE OVER EXISTING OPTIONS OF THE SAME NAME? YES// (YES)

ARE YOU SURE EVERYTHING'S OK? Y (YES)

Installation Example

Install/Clean-up QA Integration Module routines.

Loading QAIADLAU	Replacing QAQADLAU	Deleting QAIADLAU
Loading QAIAHOC0	Saving as QAQAHOC0	Deleting QAIAHOC0
Loading QAIAHOC1	Saving as QAQAHOC1	Deleting QAIAHOC1
Loading QAIAHOC2	Saving as QAQAHOC2	Deleting QAIAHOC2
Loading QAIAHOC3	Saving as QAQAHOC3	Deleting QAIAHOC3
Loading QAIAHOC4	Saving as QAQAHOC4	Deleting QAIAHOC4
Loading QAIAHOCH	Saving as QAQAHOCH	Deleting QAIAHOCH
Loading QAIAHOCX	Saving as QAQAHOCX	Deleting QAIAHOCX
Loading QAIAHOCY	Saving as QAQAHOCY	Deleting QAIAHOCY
Loading QAIAHOCZ	Saving as QAQAHOCZ	Deleting QAIAHOCZ
Loading QAIAPGRP	Replacing QAQAPGRP	Deleting QAIAPGRP
Loading QAIAUDIT	Replacing QAQAUDIT	Deleting QAIAUDIT
Loading QAIAUTL	Replacing QAQAUTL	Deleting QAIAUTL
Loading QAIAXREF	Replacing QAQAXREF	Deleting QAIAXREF
Loading QAIDATE	Replacing QAQDATE	Deleting QAIDATE
Loading QAINTEG	Replacing QAQNTEG	Deleting QAINTEG
Loading QAIPKGVR	Replacing QAQPKGVR	Deleting QAIPKGVR
Loading QAISELCT	Replacing QAQSELCT	Deleting QAISELCT
Loading QAISITE	Replacing QAQSITE	Deleting QAISITE

...HMMM, LET ME PUT YOU ON 'HOLD' FOR A SECOND.....

'QAQ MANAGER' Option Filed
'QAQ PACKAGES INQUIRE' Option Filed
'QAQ SITE PARAMETERS' Option Filed
'QAQ USER' Option Filed.....

OK, I'M DONE.

NOTE THAT FILE SECURITY-CODE PROTECTION HAS BEEN MADE

You are running Version 1.5 of the QA Integration Module.
Now installing Clinical Monitoring System Version 1.0.

This version (1.0) of 'QAMINIT' was created on 29-JUL-1993
(at CHICAGO ISC, by VA FileMan V.19)

I HAVE TO RUN A PRE-INITIALIZATION ROUTINE.
I AM GOING TO SET UP THE FOLLOWING FILES:

743 QA MONITOR

743.1 FALL OUT

743.2 MONITOR HISTORY

743.3 CONDITION (including data)

I will OVERWRITE your data with mine.

743.4 DATA ELEMENT (including data)

I will OVERWRITE your data with mine.

743.5 GROUP

743.6 AUTO ENROLL RUN DATE

743.91 RATIONALE (including data)
I will OVERWRITE your data with mine.

743.92 TIME FRAME (including data)
I will OVERWRITE your data with mine.

NOTE: This package also contains BULLETINS

NOTE: This package also contains FUNCTIONS

NOTE: This package also contains OPTIONS

ARE YOU SURE EVERYTHING'S OK? Y (YES)

...EXCUSE ME, THIS MAY TAKE A FEW
MOMENTS.....

.....
'QAM MONITOR TOOL 1' BULLETIN FILED -- Remember to add mail groups for new
bulletins.

'QAM MONITOR TOOL 2' BULLETIN FILED -- Remember to add mail groups for new
bulletins.....

-
- 'QAM BUILD MONITOR EDIT' Option Filed
 - 'QAM BUILD MONITOR MENU' Option Filed
 - 'QAM BUILD PATIENT GROUP' Option Filed
 - 'QAM COPY MONITOR EDIT' Option Filed
 - 'QAM FALL OUT EDIT' Option Filed
 - 'QAM GROUP FILE EDIT' Option Filed
 - 'QAM INQ AUDIT FILE' Option Filed
 - 'QAM INQ CONDITION FILE' Option Filed
 - 'QAM INQ DATA ELEMENT FILE' Option Filed
 - 'QAM INQ FALL OUT FILE' Option Filed
 - 'QAM INQ GROUP FILE' Option Filed
 - 'QAM MANAGER MENU' Option Filed
 - 'QAM MANAGER REPORTS MENU' Option Filed
 - 'QAM MANUAL AUTO ENROLL RUN' Option Filed
 - 'QAM PGMR APP GROUP EDIT' Option Filed
 - 'QAM PGMR CONDITIONS EDIT' Option Filed
 - 'QAM PGMR DATA ELEMENTS EDIT' Option Filed
 - 'QAM PGMR MENU' Option Filed
 - 'QAM PGMR MONITOR EDIT' Option Filed
 - 'QAM PGMR TIME FRAME EDIT' Option Filed
 - 'QAM PURGE AUTO RUN DATES FILE' Option Filed
 - 'QAM PURGE FALL OUT FILE' Option Filed
 - 'QAM PURGE HISTORY FILE' Option Filed
 - 'QAM PURGE MENU' Option Filed
 - 'QAM QUICK MONITOR EDIT' Option Filed
 - 'QAM RATIONALE FILE EDIT' Option Filed
 - 'QAM RPT ADHOC' Option Filed
 - 'QAM RPT AUTO/MAN MONITORS RUN' Option Filed
 - 'QAM RPT BUILD MON WORKSHEET' Option Filed
 - 'QAM RPT MONITOR ADHOC' Option Filed
 - 'QAM RPT MONITOR DESCRIPTION' Option Filed
 - 'QAM RPT MONITOR HISTORY' Option Filed

Installation Example

```
'QAM RPT MULTIPLE FALL OUTS' Option Filed
'QAM SAMPLE SIZE EDIT' Option Filed
'QAM SITE PARAMETERS EDIT' Option Filed
'QAM TASKED AUTO ENROLL RUN' Option Filed
'QAM USER MENU' Option Filed
'QAM USER REPORTS MENU' Option Filed.
NOTE THAT FILE SECURITY-CODE PROTECTION HAS BEEN MADE
```

NOTE: The following prompt will only appear if you have never installed any of the QM packages.

```
Select QUALITY ASSURANCE SITE PARAMETERS NAME: Your VAMC
```

```
ARE YOU ADDING 'Your VAMC' AS A NEW QUALITY ASSURANCE SITE PARAMETERS
(THE 1ST)? Y (YES)
```

```
Do you want to load the ICD Diagnosis/Procedure groups now? NO// ?
```

```
Answer Y(es) to load the ICD Diagnosis and Procedure groups used by the
JCAHO Anesthesia, Trauma, and Cardiovascular indicator monitors. Answer
N(o) to skip loading these groups. The groups may be loaded at a later
time by entering: DO ^QAMGRP1. Please note, some of these groups are
quite
large, over 2000 entries.
```

NOTE: The time required to create these groups on a lightly loaded VAX was about one and a half minutes. These groups can be created with QA users on the system. If you decide to load these groups at a later time, enter "D ^XUP" before "DO ^QAMGRP1".

```
Do you want to load the ICD Diagnosis/Procedure groups now? NO// Y (YES)
```

```
Loading: AN-1 DIAG GROUP
```

```
Working
```

```
431.      433.0      433.1      433.2      433.3      433.8      433.9      434.0
434.1      434.9      436.      668.20     668.21     668.22     997.0
```

```
15 ICD-9-CM Diagnosis Codes loaded.
```

```
Loading: AN-2 DIAG GROUP
```

```
Working
```

```
736.05     736.79     781.4      782.0
```

```
4 ICD-9-CM Diagnosis Codes loaded.
```


Loading: AN-3 DIAG GROUP

Working

410.01	410.11	410.21	410.31	410.41	410.51	410.61	410.71
410.81	410.91						

10 ICD-9-CM Diagnosis Codes loaded.

Loading: AN-4 DIAG GROUP

Working

427.5	668.11	668.12	669.41	669.42	997.1
-------	--------	--------	--------	--------	-------

6 ICD-9-CM Diagnosis Codes loaded.

Loading: AN-5 DIAG GROUP

Working

669.10	799.1	995.4	998.0
--------	-------	-------	-------

4 ICD-9-CM Diagnosis Codes loaded.

Loading: TR-8A DIAG GROUP (GUNSHOT)

Working

879.2	879.3	879.4	879.5
-------	-------	-------	-------

4 ICD-9-CM Diagnosis Codes loaded.

Loading: TR-8B DIAG GROUP (KNIFE)

Working

879.2	879.3	879.4	879.5
-------	-------	-------	-------

4 ICD-9-CM Diagnosis Codes loaded.

Loading: TR-10 DIAG GROUP

Working

821.01	821.11
--------	--------

2 ICD-9-CM Diagnosis Codes loaded.

Installation Example

Loading: TR-11 DIAG GROUP

Working

852.20	852.50	868.03	868.13	860.2	860.3	860.4	860.5
901.0	902.0	423.9	560.0	560.1			

13 ICD-9-CM Diagnosis Codes loaded.

Loading: TR-12 DIAG GROUP-BASIC TRAUMA

Working

800.00	800.01	800.02	800.03	800.04	800.05	800.06	800.09
800.10	800.11	800.12	800.13	800.14	800.15	800.16	800.19
800.20	800.21	800.22	800.23	800.24	800.25	800.26	800.29
800.30	800.31	800.32	800.33	800.34	800.35	800.36	800.39
800.40	800.41	800.42	800.43	800.44	800.45	800.46	800.49
800.50	800.51	800.52	800.53	800.54	800.55	800.56	800.59
800.60	800.61	800.62	800.63	800.64	800.65	800.66	800.69
800.70	800.71	800.72	800.73	800.74	800.75	800.76	800.79
800.80	800.81	800.82	800.83	800.84	800.85	800.86	800.89
800.90	800.91	800.92	800.93	800.94	800.95	800.96	800.99
801.00	801.01	801.02	801.03	801.04	801.05	801.06	801.09
801.10	801.11	801.12	801.13	801.14	801.15	801.16	801.19
801.20	801.21	801.22	801.23	801.24	801.25	801.26	801.29
801.30	801.31	801.32	801.33	801.34	801.35	801.36	801.39
801.40	801.41	801.42	801.43	801.44	801.45	801.46	801.49
801.50	801.51	801.52	801.53	801.54	801.55	801.56	801.59
801.60	801.61	801.62	801.63	801.64	801.65	801.66	801.69
801.70	801.71	801.72	801.73	801.74	801.75	801.76	801.79
801.80	801.81	801.82	801.83	801.84	801.85	801.86	801.89
801.90	802.1	802.30	802.31	802.32	802.33	802.34	802.35
802.36	802.37	802.38	802.39	802.5	802.7	802.9	803.00
803.01	803.02	803.03	803.04	803.05	803.06	803.09	803.10
803.11	803.12	803.13	803.14	803.15	803.16	803.19	803.20
803.21	803.22	803.23	803.24	803.25	803.26	803.29	803.30
803.31	803.32	803.33	803.34	803.35	803.36	803.39	803.40
803.41	803.42	803.43	803.44	803.45	803.46	803.49	803.50
803.51	803.52	803.53	803.54	803.55	803.56	803.59	803.60
803.61	803.62	803.63	803.64	803.65	803.66	803.69	803.70
803.71	803.72	803.73	803.74	803.75	803.76	803.79	803.80
803.81	803.82	803.83	803.84	803.85	803.86	803.89	803.90
803.91	803.92	803.93	803.94	803.95	803.96	803.99	804.00
804.01	804.02	804.03	804.04	804.05	804.06	804.09	804.10
804.11	804.12	804.13	804.14	804.15	804.16	804.19	804.20
804.21	804.22	804.23	804.24	804.25	804.26	804.29	804.30
804.31	804.32	804.33	804.34	804.35	804.36	804.39	804.40
804.41	804.42	804.43	804.44	804.45	804.46	804.49	804.50
804.51	804.52	804.53	804.54	804.55	804.56	804.59	804.60
804.61	804.62	804.63	804.64	804.65	804.66	804.69	804.70
804.71	804.72	804.73	804.74	804.75	804.76	804.79	804.80
804.81	804.82	804.83	804.84	804.85	804.86	804.89	804.90
804.91	804.92	804.93	804.94	804.95	804.96	804.99	805.00
805.01	805.02	805.03	805.04	805.05	805.06	805.07	805.08

805.10	805.11	805.12	805.13	805.14	805.15	805.16	805.17
805.18	805.2	805.3	805.4	805.5	805.6	805.7	805.8
805.9	806.00	806.01	806.02	806.03	806.04	806.05	806.06
806.07	806.08	806.09	806.10	806.11	806.12	806.13	806.14
806.15	806.16	806.17	806.18	806.19	806.20	806.21	806.22
806.23	806.24	806.25	806.26	806.27	806.28	806.29	806.30
806.31	806.32	806.33	806.34	806.35	806.36	806.37	806.38
806.39	806.4	806.5	806.60	806.61	806.62	806.69	806.70
806.71	806.72	806.79	806.8	806.9	807.00	807.01	807.02
807.03	807.04	807.05	807.06	807.07	807.08	807.09	807.10
807.11	807.12	807.13	807.14	807.15	807.16	807.17	807.18
807.19	807.2	807.3	807.4	807.5	807.6	808.0	808.1
808.2	808.3	808.41	808.42	808.43	808.49	808.51	808.52
808.53	808.59	808.8	808.9	809.0	809.1	810.10	811.10
812.10	812.30	812.50	813.10	813.30	813.50	813.90	818.0
818.1	819.0	819.1	820.00	820.01	820.02	820.03	820.09
820.10	820.11	820.12	820.13	820.19	820.20	820.21	820.22
820.30	820.31	820.32	820.8	820.9	821.00	821.01	821.10
821.11	821.20	821.21	821.22	821.23	821.29	821.30	821.31
821.32	821.33	821.39	822.0	822.1	823.10	823.30	823.90
827.0	939.9	950.0	950.1	950.2	950.3	950.9	951.0
951.1	951.2	951.3	951.4	951.5	951.6	951.7	951.8
951.9	952.00	952.01	952.02	952.03	952.04	952.05	952.06
952.07	952.08	952.09	952.10	952.11	952.12	952.13	952.14
952.15	952.16	952.17	952.18	952.19	952.2	952.3	952.4
952.8	952.9	953.0	953.1	953.2	953.3	953.4	953.5
953.8	953.9	954.0	954.1	954.8	954.9	955.0	955.1
955.2	955.3	955.4	955.5	955.6	955.7	955.8	955.9
956.0	956.1	956.2	956.3	956.4	956.5	956.8	956.9
957.0	957.1	957.8	957.9	958.0	958.1	958.2	958.3
958.4	958.5	958.6	958.7	958.8	959.0	959.1	959.2
959.3	959.4	959.5	959.6	959.7	959.8	959.9	

591 ICD-9-CM Diagnosis Codes loaded.

Loading: CV-4 DIAG GROUP

Working

410.0	410.00	410.01	410.02	410.1	410.10	997.1
-------	--------	--------	--------	-------	--------	-------

7 ICD-9-CM Diagnosis Codes loaded.

Loading: ANESTHESIA INDICATOR PROC LIST

Working

Installation Example

01.01	02.02	02.022	04.04	10.0	11.1	11.21	11.22
11.29	11.31	11.32	11.39	11.41	11.42	11.43	11.49
11.51	11.52	11.53	11.59	11.60	11.61	11.62	11.63
11.64	11.69	11.691	11.71	11.72	11.73	11.74	11.75
11.76	11.79	11.91	11.92	11.99	12.00	12.01	12.02
12.11	12.12	12.121	12.122	12.13	12.14	12.141	12.21
12.22	12.29	12.31	12.32	12.33	12.34	12.35	12.39
12.40	12.41	12.42	12.43	12.44	12.442	12.51	12.52
12.53	12.54	12.55	12.59	12.61	12.62	12.63	12.64
12.65	12.66	12.69	12.71	12.72	12.73	12.74	12.79
12.81	12.82	12.83	12.84	12.85	12.86	12.87	12.88
12.89	12.891	12.91	12.92	12.921	12.93	12.97	12.98
12.99	13.00	13.01	13.02	13.11	13.19	13.2	13.3
13.41	13.42	13.43	13.51	13.59	13.61	13.62	13.63
13.64	13.65	13.66	13.69	13.70	13.71	13.72	13.8
13.9	14.00	14.01	14.02	14.11	14.19	14.21	14.22
14.23	14.24	14.25	14.26	14.27	14.29	14.31	14.32
14.33	14.34	14.35	14.39	14.41	14.411	14.49	14.491
14.51	14.52	14.53	14.54	14.55	14.59	14.6	14.71
14.72	14.73	14.74	14.75	14.79	14.9	15.01	15.09
15.11	15.12	15.13	15.19	15.21	15.22	15.29	15.3
15.31	15.32	15.33	15.4	15.5	15.6	15.7	15.9
16.01	16.02	16.09	16.1	16.21	16.22	16.23	16.29
16.31	16.39	16.41	16.42	16.49	16.51	16.52	16.59
16.61	16.62	16.63	16.64	16.65	16.66	16.69	16.71
16.72	16.81	16.82	16.89	16.91	16.92	16.93	16.98
16.99	20.21	20.22	20.23	20.32	20.39	20.41	20.42
20.49	20.491	20.51	20.59	20.61	20.62	20.71	20.72
20.721	20.79	20.791	20.792	20.793	20.794	20.795	20.8
20.91	20.92	20.921	20.93	20.94	20.95	20.96	20.97
20.98	20.99	21.00	21.03	21.04	21.05	21.06	21.07
21.09	21.1	21.12	21.22	21.29	21.4	21.5	21.61
21.62	21.69	21.71	21.72	21.81	21.82	21.83	21.84
21.85	21.86	21.87	21.88	21.89	21.91	21.99	22.00
22.12	22.2	22.31	22.39	22.41	22.42	22.421	22.50
22.51	22.52	22.53	22.60	22.61	22.62	22.621	22.63
22.631	22.632	22.633	22.64	22.71	22.79	22.9	23.01
23.09	23.11	23.19	23.2	23.3	23.41	23.42	23.43
23.49	23.5	23.6	23.70	23.71	23.72	23.73	24.0
24.2	24.31	24.311	24.32	24.39	24.4	24.5	24.91
24.99	25.02	25.1	25.2	25.3	25.4	25.59	25.591
25.93	25.94	25.99	26.0	26.12	26.19	26.21	26.29
26.30	26.31	26.311	26.312	26.313	26.32	26.321	26.322
26.323	26.41	26.42	26.49	26.99	27.0	27.1	27.31
27.311	27.312	27.32	27.321	27.42	27.43	27.431	27.432
27.49	27.491	27.492	27.51	27.53	27.54	27.55	27.56
27.561	27.57	27.59	27.61	27.62	27.63	27.69	27.71
27.72	27.721	27.73	27.79	27.92	27.99	28.0	28.19
28.2	28.21	28.3	28.31	28.4	28.5	28.51	28.6
28.7	28.91	28.92	28.99	29.0	29.12	29.19	29.2
29.3	29.31	29.32	29.33	29.39	29.4	29.51	29.52
29.53	29.54	29.59	29.91	29.92	29.99	30.01	30.09
30.1	30.21	30.22	30.29	30.291	30.292	30.293	30.3
30.4	31.0	31.1	31.21	31.29	31.3	31.31	31.32
31.42	31.43	31.44	31.45	31.48	31.49	31.5	31.51
31.61	31.62	31.63	31.64	31.69	31.71	31.72	31.73

31.74	31.75	31.79	31.91	31.92	31.93	31.94	31.95
31.98	31.99	32.0	32.01	32.09	32.1	32.21	32.28
32.29	32.291	32.3	32.4	32.41	32.5	32.6	32.9
33.0	33.1	33.22	33.23	33.24	33.25	33.27	33.28
33.29	33.31	33.32	33.33	33.34	33.39	33.41	33.42
33.43	33.48	33.481	33.49	33.5	33.6	33.91	33.92
33.93	33.98	33.99	34.01	34.02	34.03	34.031	34.04
34.09	34.091	34.092	34.1	34.11	34.12	34.21	34.22
34.23	34.24	34.26	34.27	34.28	34.29	34.3	34.4
34.41	34.42	34.51	34.59	34.591	34.592	34.6	34.71
34.72	34.73	34.74	34.79	34.791	34.81	34.82	34.83
34.84	34.85	34.89	34.93	34.99	35.00	35.01	35.02
35.03	35.04	35.10	35.11	35.12	35.13	35.14	35.20
35.21	35.22	35.23	35.24	35.25	35.26	35.27	35.28
35.31	35.32	35.33	35.34	35.35	35.39	35.41	35.42
35.50	35.51	35.52	35.53	35.531	35.54	35.60	35.61
35.62	35.621	35.63	35.70	35.71	35.72	35.73	35.81
35.82	35.83	35.84	35.91	35.92	35.93	35.94	35.95
35.96	35.98	35.99	36.0	36.00	36.03	36.04	36.09
36.10	36.11	36.12	36.13	36.14	36.15	36.16	36.19
36.2	36.3	36.91	36.99	37.0	37.10	37.11	37.12
37.24	37.25	37.26	37.27	37.29	37.31	37.32	37.321
37.33	37.331	37.34	37.4	37.5	37.62	37.63	37.64
37.70	37.74	37.75	37.80	37.81	37.82	37.83	37.84
37.85	37.853	37.854	37.86	37.87	37.89	37.99	37.991
38.00	38.01	38.02	38.021	38.022	38.03	38.031	38.04
38.05	38.06	38.061	38.07	38.08	38.09	38.091	38.10
38.11	38.12	38.121	38.122	38.13	38.14	38.15	38.16
38.161	38.18	38.181	38.182	38.21	38.22	38.29	38.30
38.31	38.311	38.32	38.321	38.33	38.34	38.341	38.342
38.35	38.36	38.361	38.362	38.37	38.38	38.381	38.382
38.39	38.40	38.41	38.411	38.42	38.422	38.43	38.44
38.441	38.45	38.46	38.47	38.48	38.49	38.50	38.51
38.52	38.53	38.55	38.57	38.59	38.60	38.61	38.611
38.62	38.621	38.622	38.63	38.64	38.641	38.642	38.65
38.66	38.661	38.662	38.67	38.68	38.681	38.682	38.69
38.7	38.80	38.81	38.82	38.821	38.822	38.83	38.84
38.85	38.851	38.86	38.87	38.88	38.89	39.0	39.1
39.11	39.21	39.22	39.23	39.24	39.25	39.251	39.252
39.26	39.27	39.28	39.29	39.291	39.292	39.293	39.294
39.295	39.30	39.31	39.311	39.32	39.41	39.42	39.43
39.49	39.51	39.511	39.512	39.52	39.521	39.522	39.523
39.53	39.531	39.532	39.54	39.55	39.56	39.561	39.57
39.571	39.58	39.59	39.7	39.8	39.81	39.91	39.93
39.94	39.96	39.97	39.98	39.981	39.99	40.0	40.11
40.111	40.112	40.19	40.21	40.22	40.23	40.24	40.29
40.3	40.40	40.401	40.41	40.42	40.50	40.51	40.52
40.53	40.54	40.59	40.61	40.62	40.63	40.64	40.69
40.9	41.0	41.00	41.01	41.02	41.03	41.1	41.2
41.33	41.38	41.39	41.41	41.42	41.43	41.5	41.91
41.92	41.93	41.94	41.95	41.98	41.99	42.01	42.09
42.091	42.10	42.11	42.12	42.19	42.21	42.23	42.231
42.24	42.25	42.29	42.31	42.32	42.321	42.33	42.39
42.40	42.41	42.411	42.42	42.421	42.51	42.52	42.53
42.54	42.55	42.56	42.58	42.59	42.61	42.62	42.63

Installation Example

42.64	42.65	42.66	42.68	42.69	42.7	42.81	42.82
42.83	42.84	42.85	42.86	42.87	42.89	42.91	42.92
42.99	43.0	43.01	43.1	43.11	43.19	43.2	43.3
43.41	43.42	43.421	43.49	43.5	43.6	43.7	43.81
43.89	43.91	43.99	44.00	44.01	44.02	44.03	44.11
44.13	44.131	44.14	44.15	44.19	44.2	44.21	44.22
44.29	44.31	44.39	44.392	44.393	44.40	44.41	44.42
44.43	44.44	44.49	44.5	44.61	44.62	44.63	44.64
44.65	44.66	44.69	44.691	44.91	44.92	44.99	45.00
45.01	45.02	45.03	45.11	45.13	45.14	45.141	45.15
45.151	45.16	45.19	45.21	45.26	45.261	45.27	45.28
45.29	45.30	45.31	45.32	45.33	45.331	45.34	45.41
45.49	45.50	45.51	45.52	45.61	45.62	45.63	45.71
45.72	45.73	45.74	45.75	45.76	45.79	45.8	45.90
45.91	45.92	45.93	45.94	45.95	46.01	46.02	46.03
46.04	46.10	46.11	46.12	46.13	46.14	46.20	46.21
46.22	46.23	46.24	46.31	46.32	46.39	46.391	46.40
46.41	46.411	46.42	46.43	46.50	46.51	46.52	46.60
46.61	46.62	46.63	46.64	46.71	46.72	46.73	46.74
46.75	46.76	46.79	46.791	46.80	46.81	46.811	46.812
46.82	46.821	46.822	46.85	46.91	46.92	46.93	46.931
46.94	46.99	47.0	47.1	47.2	47.91	47.92	47.99
48.0	48.01	48.02	48.1	48.21	48.25	48.26	48.29
48.31	48.311	48.32	48.321	48.33	48.331	48.34	48.341
48.35	48.351	48.352	48.353	48.41	48.49	48.5	48.61
48.62	48.63	48.64	48.65	48.66	48.69	48.71	48.72
48.73	48.731	48.732	48.74	48.75	48.76	48.79	48.81
48.811	48.82	48.91	48.92	48.93	48.99	49.01	49.02
49.03	49.04	49.11	49.12	49.43	49.44	49.45	49.46
49.47	49.49	49.51	49.52	49.59	49.6	49.71	49.72
49.73	49.74	49.79	49.91	49.92	49.93	49.94	49.95
49.99	50.0	50.12	50.121	50.19	50.21	50.211	50.22
50.29	50.3	50.4	50.51	50.59	50.61	50.69	50.91
50.92	50.93	50.94	50.99	51.02	51.03	51.04	51.10
51.11	51.13	51.14	51.15	51.19	51.21	51.22	51.23
51.31	51.32	51.33	51.34	51.35	51.36	51.361	51.37
51.39	51.41	51.42	51.43	51.49	51.51	51.59	51.61
51.62	51.63	51.64	51.69	51.71	51.72	51.79	51.81
51.82	51.821	51.83	51.84	51.85	51.86	51.87	51.88
51.89	51.91	51.92	51.93	51.94	51.95	51.96	51.97
51.98	51.99	52.01	52.09	52.091	52.12	52.13	52.14
52.19	52.2	52.21	52.22	52.3	52.4	52.51	52.52
52.53	52.59	52.6	52.7	52.80	52.81	52.82	52.83
52.91	52.92	52.93	52.94	52.95	52.951	52.96	52.961
52.97	52.98	52.99	53.00	53.001	53.01	53.011	53.02
53.021	53.03	53.031	53.04	53.041	53.05	53.10	53.11
53.111	53.12	53.121	53.13	53.131	53.14	53.141	53.15
53.151	53.16	53.161	53.17	53.21	53.211	53.29	53.291
53.31	53.311	53.39	53.391	53.41	53.49	53.51	53.59
53.591	53.592	53.61	53.69	53.691	53.692	53.7	53.80
53.81	53.82	53.9	53.91	53.92	54.0	54.11	54.12
54.19	54.21	54.22	54.23	54.29	54.3	54.31	54.4
54.41	54.5	54.51	54.61	54.62	54.63	54.631	54.64
54.641	54.71	54.72	54.73	54.731	54.74	54.75	54.751
54.92	54.93	54.94	54.95	54.99	55.01	55.011	55.02
55.03	55.04	55.11	55.111	55.12	55.21	55.22	55.24

55.29	55.31	55.39	55.4	55.5	55.501	55.51	55.52
55.53	55.532	55.54	55.61	55.69	55.691	55.692	55.7
55.81	55.82	55.83	55.84	55.85	55.86	55.87	55.89
55.91	55.96	55.97	55.98	55.99	56.0	56.01	56.1
56.2	56.21	56.31	56.32	56.34	56.35	56.39	56.40
56.41	56.42	56.51	56.52	56.61	56.611	56.62	56.71
56.711	56.72	56.73	56.74	56.75	56.79	56.791	56.81
56.82	56.83	56.84	56.85	56.86	56.89	56.891	56.91
56.911	56.92	56.93	56.94	56.95	56.99	57.0	57.12
57.18	57.19	57.191	57.192	57.21	57.22	57.34	57.39
57.41	57.49	57.491	57.492	57.493	57.51	57.59	57.591
57.592	57.6	57.71	57.79	57.81	57.82	57.83	57.831
57.84	57.841	57.85	57.86	57.87	57.88	57.881	57.89
57.91	57.93	57.96	57.97	57.98	57.99	58.0	58.22
58.23	58.231	58.24	58.29	58.3	58.31	58.32	58.39
58.41	58.42	58.43	58.431	58.44	58.45	58.46	58.47
58.49	58.491	58.5	58.91	58.92	58.93	58.99	59.00
59.01	59.02	59.021	59.09	59.11	59.19	59.191	59.21
59.211	59.29	59.3	59.4	59.5	59.6	59.71	59.79
59.8	59.81	59.91	59.911	59.92	59.99	60.0	60.01
60.12	60.14	60.15	60.18	60.19	60.2	60.3	60.4
60.41	60.5	60.52	60.53	60.61	60.62	60.621	60.69
60.72	60.73	60.79	60.81	60.82	60.91	60.93	60.94
60.95	60.99	61.0	61.01	61.2	61.3	61.31	61.42
61.49	61.491	61.92	61.921	61.99	62.0	62.01	62.12
62.19	62.2	62.3	62.41	62.42	62.5	62.61	62.69
62.7	62.91	62.92	62.99	63.01	63.011	63.09	63.1
63.11	63.2	63.3	63.31	63.4	63.51	63.52	63.53
63.59	63.6	63.81	63.82	63.821	63.83	63.84	63.85
63.89	63.92	63.93	63.94	63.95	63.99	64.0	64.19
64.2	64.3	64.31	64.41	64.42	64.43	64.44	64.45
64.49	64.5	64.92	64.93	64.95	64.96	64.97	64.98
64.99	65.0	65.11	65.12	65.19	65.21	65.22	65.29
65.3	65.4	65.51	65.52	65.61	65.62	65.71	65.72
65.73	65.79	65.8	65.91	65.92	65.93	65.94	65.95
65.99	66.0	66.01	66.02	66.11	66.19	66.21	66.22
66.29	66.31	66.32	66.39	66.4	66.51	66.52	66.61
66.62	66.63	66.69	66.71	66.72	66.73	66.74	66.79
66.91	66.92	66.93	66.94	66.95	66.96	66.97	66.99
67.0	67.2	67.31	67.32	67.33	67.39	67.4	67.5
67.62	67.69	68.0	68.13	68.14	68.15	68.16	68.19
68.21	68.22	68.29	68.3	68.4	68.5	68.6	68.7
68.8	68.9	69.01	69.02	69.09	69.11	69.19	69.21
69.22	69.23	69.29	69.3	69.41	69.42	69.49	69.51
69.52	69.59	69.91	69.95	69.98	69.99	70.0	70.12
70.13	70.14	70.32	70.33	70.4	70.50	70.51	70.52
70.61	70.62	70.71	70.72	70.73	70.74	70.75	70.77
70.79	70.8	70.91	70.92	71.01	71.09	71.19	71.22
71.23	71.24	71.29	71.3	71.4	71.5	71.61	71.62
71.71	71.72	71.79	71.8	71.9	72.0	72.1	72.21
72.29	72.31	72.39	72.4	72.51	72.52	72.53	72.54
72.6	72.71	72.79	72.8	72.9	73.1	73.21	73.22
73.8	73.91	73.92	73.93	73.94	73.99	74.0	74.1
74.2	74.3	74.4	74.91	74.99	75.0	75.31	75.35
75.36	75.4	75.50	75.52	75.61	75.69	75.7	75.8

Installation Example

75.91	75.92	75.93	75.94	75.99	76.01	76.09	76.091
76.11	76.19	76.2	76.31	76.39	76.391	76.41	76.42
76.43	76.44	76.45	76.451	76.452	76.46	76.5	76.51
76.61	76.62	76.63	76.64	76.641	76.65	76.66	76.67
76.68	76.69	76.70	76.71	76.711	76.712	76.72	76.721
76.722	76.73	76.731	76.732	76.733	76.74	76.741	76.742
76.743	76.75	76.76	76.77	76.78	76.781	76.79	76.791
76.91	76.92	76.93	76.94	76.95	76.97	76.99	77.00
77.01	77.02	77.03	77.04	77.05	77.06	77.07	77.08
77.09	77.10	77.11	77.12	77.13	77.14	77.15	77.16
77.17	77.18	77.19	77.20	77.21	77.22	77.23	77.24
77.25	77.26	77.27	77.28	77.29	77.30	77.31	77.311
77.32	77.321	77.33	77.331	77.34	77.341	77.35	77.351
77.36	77.37	77.371	77.38	77.381	77.39	77.391	77.40
77.41	77.42	77.43	77.44	77.45	77.46	77.47	77.48
77.49	77.51	77.52	77.53	77.54	77.56	77.57	77.58
77.59	77.60	77.61	77.611	77.62	77.621	77.63	77.631
77.64	77.641	77.65	77.651	77.66	77.661	77.67	77.671
77.68	77.681	77.69	77.70	77.71	77.72	77.73	77.74
77.75	77.76	77.77	77.78	77.79	77.80	77.81	77.82
77.83	77.84	77.85	77.86	77.87	77.88	77.89	77.894
77.90	77.91	77.911	77.912	77.92	77.93	77.94	77.95
77.96	77.97	77.98	77.99	78.00	78.01	78.010	78.011
78.012	78.013	78.014	78.015	78.02	78.020	78.021	78.022
78.023	78.024	78.025	78.03	78.030	78.031	78.032	78.033
78.034	78.035	78.04	78.040	78.041	78.042	78.043	78.044
78.045	78.05	78.050	78.051	78.052	78.053	78.054	78.055
78.06	78.060	78.061	78.062	78.063	78.064	78.065	78.07
78.070	78.071	78.072	78.073	78.074	78.075	78.08	78.080
78.081	78.082	78.083	78.084	78.085	78.09	78.090	78.091
78.092	78.093	78.094	78.095	78.10	78.11	78.12	78.13
78.14	78.15	78.16	78.17	78.18	78.19	78.20	78.22
78.23	78.24	78.25	78.27	78.28	78.29	78.30	78.31
78.32	78.33	78.34	78.35	78.37	78.38	78.39	78.40
78.41	78.42	78.43	78.44	78.45	78.46	78.47	78.48
78.49	78.50	78.51	78.52	78.53	78.54	78.55	78.56
78.57	78.58	78.59	78.60	78.61	78.62	78.63	78.64
78.65	78.66	78.67	78.68	78.69	78.70	78.71	78.72
78.73	78.74	78.75	78.76	78.77	78.78	78.79	78.80
78.81	78.82	78.83	78.84	78.85	78.86	78.87	78.88
78.89	78.90	78.91	78.92	78.93	78.94	78.95	78.96
78.97	78.98	78.99	79.00	79.01	79.02	79.05	79.06
79.061	79.07	79.09	79.091	79.093	79.10	79.11	79.12
79.13	79.14	79.15	79.151	79.16	79.161	79.17	79.18
79.19	79.191	79.193	79.20	79.21	79.22	79.23	79.24
79.25	79.26	79.27	79.28	79.29	79.30	79.31	79.32
79.33	79.34	79.35	79.351	79.352	79.353	79.354	79.36
79.361	79.362	79.363	79.37	79.38	79.39	79.391	79.393
79.40	79.41	79.42	79.45	79.46	79.49	79.50	79.51
79.52	79.55	79.56	79.59	79.60	79.61	79.62	79.63
79.64	79.65	79.66	79.67	79.68	79.69	79.70	79.71
79.72	79.75	79.76	79.77	79.79	79.791	79.793	79.80
79.81	79.82	79.83	79.84	79.85	79.86	79.87	79.88
79.89	79.891	79.893	79.90	79.91	79.92	79.93	79.94
79.95	79.96	79.97	79.98	79.99	80.00	80.01	80.02
80.03	80.04	80.05	80.06	80.07	80.08	80.09	80.10

80.11	80.112	80.12	80.122	80.13	80.132	80.14	80.142
80.15	80.152	80.16	80.162	80.17	80.172	80.18	80.182
80.19	80.40	80.41	80.42	80.43	80.44	80.45	80.46
80.47	80.48	80.49	80.5	80.50	80.51	80.52	80.59
80.6	80.70	80.71	80.72	80.73	80.74	80.75	80.76
80.77	80.78	80.79	80.80	80.81	80.82	80.83	80.84
80.85	80.86	80.87	80.88	80.89	80.90	80.91	80.92
80.93	80.94	80.95	80.96	80.97	80.98	80.99	81.00
81.01	81.02	81.021	81.03	81.031	81.04	81.05	81.06
81.061	81.07	81.071	81.08	81.09	81.11	81.12	81.13
81.14	81.15	81.16	81.17	81.171	81.18	81.20	81.21
81.22	81.23	81.24	81.25	81.26	81.27	81.28	81.29
81.31	81.39	81.40	81.41	81.412	81.413	81.42	81.43
81.44	81.45	81.46	81.47	81.472	81.48	81.49	81.51
81.52	81.53	81.54	81.55	81.56	81.57	81.59	81.61
81.62	81.622	81.63	81.64	81.642	81.69	81.71	81.72
81.73	81.74	81.75	81.79	81.80	81.81	81.812	81.82
81.83	81.832	81.84	81.85	81.852	81.86	81.87	81.93
81.932	81.933	81.934	81.935	81.94	81.95	81.955	81.96
81.97	81.98	81.99	82.01	82.02	82.03	82.04	82.09
82.11	82.12	82.19	82.21	82.22	82.29	82.31	82.32
82.33	82.34	82.35	82.36	82.39	82.41	82.42	82.43
82.44	82.45	82.46	82.51	82.52	82.53	82.54	82.55
82.56	82.57	82.58	82.59	82.61	82.69	82.71	82.72
82.79	82.81	82.82	82.83	82.84	82.85	82.86	82.89
82.91	82.92	82.93	82.94	82.95	82.96	82.99	83.01
83.011	83.02	83.03	83.09	83.11	83.12	83.13	83.14
83.19	83.191	83.21	83.211	83.212	83.213	83.29	83.31
83.32	83.321	83.39	83.391	83.41	83.42	83.43	83.431
83.44	83.45	83.49	83.5	83.61	83.62	83.63	83.64
83.65	83.651	83.71	83.72	83.73	83.74	83.75	83.76
83.77	83.79	83.81	83.82	83.821	83.83	83.84	83.85
83.851	83.86	83.87	83.88	83.89	83.91	83.92	83.93
83.94	83.95	83.99	83.991	83.992	83.993	84.00	84.01
84.011	84.02	84.021	84.03	84.04	84.05	84.06	84.07
84.08	84.09	84.10	84.11	84.111	84.12	84.13	84.14
84.15	84.16	84.17	84.18	84.19	84.21	84.22	84.23
84.24	84.25	84.26	84.27	84.28	84.29	84.3	84.31
84.40	84.44	84.91	84.92	84.93	84.99	85.0	85.01
85.12	85.19	85.20	85.21	85.22	85.23	85.24	85.25
85.31	85.32	85.33	85.34	85.35	85.36	85.41	85.42
85.43	85.44	85.45	85.46	85.47	85.48	85.50	85.53
85.54	85.6	85.7	85.81	85.82	85.83	85.84	85.85
85.86	85.87	85.89	85.91	85.92	85.93	85.94	85.95
85.96	85.99	86.03	86.05	86.06	86.07	86.09	86.21
86.211	86.22	86.4	86.41	86.42	86.51	86.59	86.60
86.61	86.62	86.63	86.64	86.65	86.66	86.69	86.691
86.70	86.71	86.72	86.721	86.722	86.723	86.724	86.725
86.73	86.74	86.741	86.742	86.743	86.744	86.745	86.75
86.751	86.752	86.753	86.754	86.755	86.756	86.81	86.82
86.83	86.84	86.841	86.842	86.843	86.85	86.86	86.89
86.891	86.892	86.893	86.91	86.93	86.99	93.26	94.26
94.27	98.51	98.52	98.59				

2644 ICD-9-CM Procedure Codes loaded.

Installation Example

Loading: TR-8 PROC GROUP

Working

39.31	39.32	39.56	39.57	41.43	41.5	41.95	41.99
44.61	46.71	46.73	50.22	50.3	50.4	50.61	50.69
52.95	54.11	54.92	55.4	55.5	55.81	55.82	57.79

24 ICD-9-CM Procedure Codes loaded.

Loading: TR-10 PROC GROUP

Working

79.15	79.35
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2 ICD-9-CM Procedure Codes loaded.

Loading: TR-11 PROC GROUP

Working

02.02	38.06	38.07	38.44	38.46	38.47	38.7	38.84
38.86	38.87	39.1	39.24	39.25	39.26	39.29	39.30
39.31	39.311	39.32	39.56	39.57	39.58	44.49	44.61
46.10	46.20	46.21	46.73	46.75	50.22	50.4	51.71
51.79	51.91	52.6	52.95	54.11	54.19	54.3	54.74
54.75	54.91	54.92	55.4	55.5	55.81	56.82	32.3
32.4	33.41	33.42	33.43	33.48	33.481	33.49	34.01
34.91	34.93	38.85	39.21	39.22	39.30	39.31	39.311
39.32	39.56	39.57	39.58	37.0	37.12	37.4	34.02
38.04	38.34	38.35	38.84	38.85	39.57	39.58	54.11
33.41	33.42	33.43	33.48	33.481	33.49	34.01	34.02
34.04	34.09	34.71	34.91	34.92	34.93		

94 ICD-9-CM Procedure Codes loaded.

Loading: CV-4 PROC GROUP

Working

36.10	36.11	36.12	36.13	36.14	36.15	36.16	36.19
36.01	36.02	36.09					

11 ICD-9-CM Procedure Codes loaded.

Creating the QM User and Manager Menus.....

Installation of Clinical Monitoring System Version 1.0 complete!

>

Implementation Check List

Do the following after installation of the software.

- ❑ **1.** Read the Introduction, Orientation, and Package Management sections of the User Manual. Also acquaint yourself with the following chapters in the ADPAC Guide: Functional Flow, Conditions, Groups, Data Elements, and Appendix B. This should give you sufficient background to understand what this software is about.
- ❑ **2.** Using the TaskManager *Schedule/Unschedule Options* option, queue the automatic enrollment option *QAM TASKED AUTO ENROLL RUN* to run daily after midnight. This task scans the database for activities from the previous day.
- ❑ **3.** Define the site parameters via the *Site Parameters Edit* option. See the Site Parameters Edit option documentation in this manual for step-by-step instruction.
- ❑ **4.** Use the *Application Group Edit* option to add the desired files to the QAM application group. This step is necessary before any groups can be created from those files via the *Group Edit* option. A default list of files is included in this option. It is suggested that they be loaded. See the *Application Group Edit* option documentation in this manual for more detail.
- ❑ **5.** The following software is used by CMS. To capture patients with the conditions MH Seclusion/Restraint or RXS 2+ Drugs in the Same Class, the Mental Health or Outpatient Pharmacy software must be running and routinely used. If a condition is chosen that looks at a non-existent file (say Mental Health), the user will be beeped. If the file is there but empty, meaning the site is not using the software or entering data into the file, no fall outs will result.

VA FileMan Version 19 or later

MAS Version 5.2 or later (includes PTF and Scheduling)

Kernel Version 7.0 or later

Lab Version 5.1 or later

Mental Health Version 4.18 or later

Outpatient Pharmacy Version 5.5 or later

- **6.** With the assistance of the QM ADPAC, assign the menus to users. We suggest limiting the number of users given the Manager Menu to those with a good VA FileMan and VistA background. They should also have had some experience designing QM indicators of care. The Monitoring System Manager Menu is usually given only to the QM ADPAC. The Monitoring System Programmer Menu should be assigned to the IRM support person for the Clinical Monitoring System. This may vary with the site. There are no security keys to take into consideration at this time.

- **7.** Ask the users to define the mail group(s) that will receive bulletins from the active monitors. Mail groups will depend largely on who the users are. (The mail groups must be PUBLIC, not PRIVATE.)

Monitoring System Manager Menu

Site Parameters Edit Option

The following are the parameters which may be edited through the Site Parameters Edit option.

DAY WEEKLY TIME FRAME BEGINS

This is the day of the week that should begin each weekly time frame. Generally, this would be Sunday but could be Monday since that is considered a regular work day.

MONITORING SYSTEM DEVICE

The device on which auto enroll reports will print.

ALLOW USE OF '[' IN GROUP EDIT

If this field is set to YES the user may enter [GROUP MEMBER at the Select GROUP MEMBER prompt to select all entries that contain the text GROUP MEMBER as part of their name.

The following three fields control the manual run of auto enroll.

MAX DAYS PER MANUAL AUTO RUN

This field contains the maximum number of auto enroll runs that may be run consecutively.

TIME BETWEEN MANUAL AUTO RUNS

This field contains the number of minutes between queued runs of auto enroll. This parameter, together with the MAX DAYS PER MANUAL AUTO RUN parameter, is used to tightly control the use of computer resources that auto enroll processing uses.

MANUAL AUTO RUN ALLOWED TIMES

This field contains the range of time during which auto enroll may be manually queued to run. The format is HHMM-HHMM, where HH = hours and MM = minutes. The second time must be greater than the first.

Application Group Edit Option

The Application Group Edit option is utilized (on setup) to select files from which the user can build groups through the Group Edit option. The Clinical Monitoring System software comes with a set of default files which should be added to the QAM application group. The user can only create groups from files that are in the QAM application group.

This option also allows the programmer to add/delete files from the QAM application group at times other than setup.

Checking the QAM application group.....

Select FILE: ?

Enter a file name/number to add a file to the list

Enter a minus (-) file name/number to remove a file from the list

Files selected for LOADING:

2	PATIENT	(Not Loaded)
37	DISPOSITION	(Not Loaded)
42	WARD LOCATION	(Not Loaded)
44	HOSPITAL LOCATION	(Not Loaded)
45.7	FACILITY TREATING SPECIALTY	(Not Loaded)
49	SERVICE/SECTION	(Not Loaded)
80	ICD DIAGNOSES	(Not Loaded)
80.1	ICD OPERATION/PROCEDURE	(Not Loaded)
405.2	MAS MOVEMENT TYPE	(Not Loaded)
405.3	MAS MOVEMENT TRANSACTION TYPE	(Not Loaded)
409.1	APPOINTMENT TYPE	(Not Loaded)
615.5	S/R REASON	(Not Loaded)
615.6	S/R CATEGORY	(Not Loaded)
743	QA MONITOR	(Not Loaded)

Files selected for UNLOADING:

*** None ***

Select FILE: <RET>

Load / Unload application groups? NO// **YES**

Application Group Edit Option

Loading:

2	PATIENT
37	DISPOSITION
42	WARD LOCATION
44	HOSPITAL LOCATION
45.7	FACILITY TREATING SPECIALTY
49	SERVICE/SECTION
80	ICD DIAGNOSES
80.1	ICD OPERATION/PROCEDURE
405.2	MAS MOVEMENT TYPE
405.3	MAS MOVEMENT TRANSACTION TYPE
409.1	APPOINTMENT TYPE
615.5	S/R REASON
615.6	S/R CATEGORY
743	QA MONITOR

Unloading:

*** Finished ***

Monitoring System Manager Menu