



# **SURGERY**

## **TECHNICAL MANUAL/ SECURITY GUIDE**

Version 3.0  
July 1993

(Revised August 2004)



# Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. Either update the existing manual with the Change Pages document, or replace it with the updated manual.

**Note:** The Change Pages document may include unedited pages needed for two-sided copying. Only edited pages display the patch number and revision date in the page footer.

Date	Revised Pages	Patch Number	Description
08/04	i, 21-24, 26, 29-30, 34, 75	SR*3*125	Added these new routines to the routine listing: SR125UTL, SROACAR1, SROACL2, SROACPM1, SROACPM2, SROACR2, SROACTH1, SROAOUT, SROATCM3, SROCLAB, SRORACE, and SROUTC. Added the new <i>Laboratory Test Results (Enter/Edit)</i> [SROA LAB-CARDIAC] option and the <i>Outcome Information (Enter/Edit)</i> [SROA CARDIAC-OUTCOMES] option to the Exported Options section. Updated the menu list with changes.
08/04	17, 21-22	SR*3*129	Updated the Files section to include the new ATTENDING CODES file (#132.9), and updated the Routines section to include the new SRENSCS routine.
04/04	All Pages	SR*3*100	This manual was updated to reflect new local documentation standards, and includes changes resulting from the Surgery Electronic Signature for Operative Reports patch SR*3*100. See the patch description for details of all changes related to this patch.

*(This page included for two-sided copying.)*

# Routines

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The following is the list of routines used in the Surgery package. This list excludes all initialization routines, protocol installation routines, and routines exported with patches that performed a one-time function. The first line of each routine contains a brief description of the general function of the routine. Use the Kernel *First Line Routine Print* [XU FIRST LINE PRINT] option to print a list of just the first line of each routine in the SR- namespace.

SRBLOOD	SRCUSS	SRCUSS0	SRCUSS1	SRCUSS2	SRCUSS3	SRCUSS4	SRCUSS5
SRHLDW	SRHLDW1	SRHLENV	SRHLMFN	SRHLOORU	SRHLORU	SRHLPOST	SRHLPRE
SRHLQRY	SRHLSCRN	SRHLU	SRHLUI	SRHLUO	SRHLUO1	SRHLUO2	SRHLUO3
SRHLUO4	SRHLUO4C	SRHLVOOR	SRHLVORU	SRHLVQRY	SRHLVU	SRHLVUI	SRHLVUI2
SRHLVUO	SRHLVUO1	SRHLVUO2	SRHLVUO4	SRHLVZIU	SRHLVZQR	SRHLVZSQ	SRHLXTMP
SRHLZIU	SRHLZQR	SRO1L	SRO1L1	SRO3P90	SROA30	SROA38	SROA38A
SROABCH	SROAC	SROAC1	SROAC2	SROACAR	SROACAR1	SROACAT	SROACC
SROACC0	SROACC1	SROACC2	SROACC3	SROACC4	SROACC5	SROACC6	SROACCM
SROACCR	SROACCT	SROACL1	SROACL2	SROACLN	SROACMP	SROACMP1	SROACOM
SROACOP	SROACPM	SROACPM1	SROACPM2	SROACR1	SROACR2	SROACRC	SROACS
SROACTH	SROACTH1	SROADEL	SROADOC	SROADOC1	SROAERR	SROAEX	SROAL1
SROAL11	SROAL2	SROAL21	SROALAB	SROALC	SROALCP	SROALCS	SROALCSP
SROALDP	SROALEN	SROALESS	SROALET	SROALL	SROALLP	SROALLS	SROALLSP
SROALM	SROALN1	SROALN2	SROALN3	SROALNO	SROALOG	SROALSS	SROALSSP
SROALST	SROALSTP	SROALT	SROALTP	SROALTS	SROALTSP	SROAMAN	SROAMEAS
SROAMIS	SROAMIS1	SROANEW	SROANIN	SROANP	SROANP1	SROANR	SROANR0
SROANR1	SROANT	SROANTP	SROANTS	SROANTSP	SROAO	SROAOP	SROAOP1
SROAOP2	SROAOPS	SROAOSET	SROAOTH	SROAOUT	SROAPAS	SROAPC	SROAPCA
SROAPCA0	SROAPCA1	SROAPCA2	SROAPCA3	SROAPCA4	SROAPIMS	SROAPM	SROAPR1A
SROAPR2	SROAPRE	SROAPRE1	SROAPRE2	SROAPRT1	SROAPRT2	SROAPRT3	SROAPRT4
SROAPRT5	SROAPRT6	SROAPRT7	SROAPS1	SROAPS2	SROAR	SROAR1	SROAR2
SROARET	SROARPT	SROASITE	SROASS	SROASS1	SROASSE	SROASSN	SROASSP
SROASWAP	SROASWP	SROASWP0	SROASWP1	SROASWP2	SROASWP3	SROASWPD	SROATOP
SROATOT	SROAT1P	SROAT1T	SROAT2P	SROAT2T	SROATCM	SROATCM1	SROATCM2
SROATCM3	SROATM1	SROATM2	SROATM3	SROATM4	SROATMIT	SROATMNO	SROATT
SROATT0	SROATT1	SROATT2	SROAUTL	SROAUTL0	SROAUTL1	SROAUTL2	SROAUTL3
SROAUTL4	SROAUTLC	SROAWL	SROAWL1	SROBLOD	SROCAN	SROCAN0	SROCANUP
SROCASE	SROCCAT	SROCL1	SROCLAB	SROCMP	SROCMP1	SROCMP2	SROCMPD
SROCMPED	SROCMPL	SROCMPS	SROCMR	SROCMR1	SROCMR2	SROCODE	SROCOM
SROCOMP	SROCON	SROCON1	SROCOND	SROCPT	SROCRAT	SROCVER	SRODATE
SRODEL76	SRODELA	SRODEV	SRODIS	SRODIS0	SRODLA1	SRODLA2	SRODLAY
SRODLT	SRODLT0	SRODLT1	SRODLT2	SRODPT	SRODTH	SROERR	SROERR0
SROERR1	SROERR2	SROERRPO	SROES	SROESAD	SROESAD1	SROESAR	SROESAR0
SROESAR1	SROESAR2	SROESARA	SROESHL	SROESL	SROESNR	SROESNR0	SROESNR1
SROESNR2	SROESNR3	SROESNRA	SROESPR	SROESPR1	SROESPR2	SROESTV	SROESUTL
SROESX	SROESX0	SROESXA	SROESXP	SROFILE	SROFLD	SROGMTS	SROGMTS0
SROGMTS1	SROGMTS2	SROGTSR	SROHIS	SROICD	SROICU	SROICU1	SROICU2
SROINQ	SROIRR	SROKEY	SROKEY1	SROKRET	SROLOCK	SROMED	SROMENU
SROMOD	SROMOR	SROMORT	SRONAN	SRONAN1	SRONASS	SRONBCH	SRONEW
SRONIN	SRONON	SRONOP	SRONOP1	SRONOR	SRONOR1	SRONOR2	SRONOR3
SRONOR4	SRONOR5	SRONOR6	SRONOR7	SRONOR8	SRONP	SRONRPT	SRONRPT0
SRONRPT1	SRONRPT2	SRONRPT3	SRONUR	SRONUR1	SRONUR2	SRONXR	SROOPRM
SROOPRM1	SROP	SROP1	SROPAC0	SROPAC1	SROPACT	SROPAT	SROPCE
SROPCE0	SROPCE0A	SROPCE0B	SROPCE1	SROPCEU	SROPCEU0	SROPCEX	SROPDEL
SROPECS	SROPECS1	SROPER	SROPLIS	SROPLIST	SROPLST1	SROPLSTS	SROPOST
SROPOST0	SROPOST1	SROPOST2	SROPPC	SROPRE	SROPRE0	SROPREQ	SROPRI
SROPRI1	SROPRI2	SROPRIIN	SROPRIO	SROPKIT	SROPROC	SROPRT	SROPS
SROPS1	SROPS2	SROPSN	SROQ	SROQ0	SROQ0A	SROQ1	SROQ1A
SROQ2	SROQADM	SROQD	SROQD0	SROQD1	SROQIDP	SROQIDP0	SROQL
SROQM	SROQM0	SROQM1	SROQN	SROQT	SROQ	SROQACE	SROQAT1
SROQAT2	SROQATA	SROQATP	SROQATS	SROQEA	SROQEA1	SROQEA2	SROQEAS
SROREQ	SROREQ1	SROREQ2	SROREQ3	SROREQ4	SROREST	SRORESV	SRORET

SRORHRS	SRORHRS0	SRORIN	SRORTRN	SRORUT	SRORUT0	SRORUT1	SRORUT2
SROSCH	SROSCH1	SROSCH2	SROSNR	SROSNR1	SROSNR2	SROSPC1	SROSPEC
SROSPLG	SROSPLG1	SROSPLG2	SROSPSS	SROSRPT	SROSRRT	SROSTAFF	SROSTOP
SROSUR	SROSUR1	SROSUR2	SROTHER	SROTIUD	SROTRIG	SROTRPT	SROTRPT0
SROUNV	SROUNV1	SROUNV2	SROUTC	SROUTED	SROUTIN	SROUTL	SROUTL0
SROUTUP	SROVAR	SROVER	SROVER1	SROVER2	SROVER3	SROWC	SROWC1
SROWC2	SROWC3	SROWL	SROWL0	SROWRQ	SROWRQ1	SROXPR	SROXR1
SROXR2	SROXR4	SROXREF	SROXRET	SRSAVG	SRSAVL	SRSAVL1	SRSBD1
SRSBDEL	SRSBLOK	SRSBOUT	SRSCAN	SRSCAN0	SRSCAN1	SRSCAN2	SRSCL
SRSCDS	SRSCDS1	SRSCDW	SRSCDW1	SRSCG	SRSCHAP	SRSCHC	SRSCHC1
SRSCHC2	SRSCHCA	SRSCHCC	SRSCHD	SRSCHD1	SRSCHD2	SRSCHDA	SRSCHDC
SRSCHK	SRSCHOR	SRSCHUN	SRSCHUN1	SRSCHUP	SRSCONR	SRSCOR	SRSCPT
SRSCPT1	SRSCPT2	SRSCRAP	SRSDIS1	SRSDISP	SRSDT	SRSGRPH	SRSTIND
SRSKILL	SRSKILL1	SRSKILL2	SRLOOK	SRLOOK1	SRSMREQ	SRSPUT0	SRSPUT1
SRSPUT2	SRSRBS	SRSRBS1	SRSRBW	SRSRBW1	SRSREQ	SRSREQUT	SRSRQST
SRSRQST1	SRSTCH	SRSTIME	SRSUP1	SRSUPC	SRSUPRG	SRSUPRQ	SRSTUTIN
SRSTUTL	SRSTUTL2	SRSWL	SRSWL1	SRSWL10	SRSWL11	SRSWL12	SRSWL13
SRSWL14	SRSWL15	SRSWL2	SRSWL3	SRSWL4	SRSWL5	SRSWL6	SRSWL7
SRSWL8	SRSWL9	SRSWLST	SRSWREQ				

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## Exported Options

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This section contains information about the Surgery package options; first, the exported options are listed by name, and then they are provided alphabetically, with a description of the option.

### Options Listed by Name

The following table contains a list of all of the options in the Surgery package, listed alphabetically by name.

SR ANESTH REPORTS	SR BLOOD PRODUCT VERIFICATION	SR BLOOD PRODUCT VERIFY AUDIT
SR CPT ACCURACY	SR CPT REPORTS	SR MANAGE REPORTS
SR NO ASSESSMENT REASON	SR NON-OR REPORT	SR NORMAL HOURS
SR OR HOURS	SR OR UTIL	SR OR UTL1
SR PURGE UTILIZATION	SR STAFFING REPORTS	SR SURGERY REQUEST
SR UPDATE FILES	SR UPDATE SCHEDULE DEVICE	SR UTIL EDIT ROOM
SR VIEW HISTORICAL REPORTS	SRCODING EDIT	SRCODING MENU
SRCODING NURSE REPORT	SRCODING OP REPORT	SRCODING UPDATE/VERIFY MENU
SRHL DOWNLOAD INTERFACE FILES	SRHL DOWNLOAD SET OF CODES	SRHL INTERFACE
SRHL INTERFACE FLDS	SRHL PARAMETER	SRO CASES BY DISPOSITION
SRO CASES BY PRIORITY	SRO COMPLICATIONS MENU	SRO DEATH RELATED
SRO DEL MENU	SRO DELAY TIME	SRO INTRAOP COMP
SRO M&M VERIFICATION REPORT	SRO PACKAGE MANAGEMENT	SRO PCE NOTRANS
SRO PCE STATUS	SRO POSTOP COMP	SRO QUARTERLY REPORT
SRO SURGICAL PRIORITY	SRO UPDATE CANCELLED CASE	SRO UPDATE RETURNS
SRO-CHIEF REPORTS	SRO-LRRP	SRO-ROOM
SRO-UNLOCK	SROA ASSESSMENT LIST	SROA CARDIAC COMPLICATIONS
SROA CARDIAC ENTER/EDIT	SROA CARDIAC OPERATIVE RISK	SROA CARDIAC-OUTCOMES
SROA CARDIAC PROCEDURES	SROA CARDIAC RESOURCE	SROA CATHETERIZATION
SROA CLINICAL INFORMATION	SROA COMPLETE ASSESSMENT	SROA DEMOGRAPHICS
SROA ENTER/EDIT	SROA LAB	SROA LAB-CARDIAC

SROA MONTHLY WORKLOAD REPORT	SROA ONE-LINER UPDATE	SROA OPERATION DATA
SROA OUTCOMES	SROA PREOP DATA	SROA PRINT ASSESSMENT
SROA REPRINT LETTERS	SROA RISK ASSESSMENT	SROA TRANSMIT ASSESSMENTS
SROA TRANSMITTED IN ERROR	SROACCT	SROADOC
SROAMIS	SROANES	SROANES MED
SROANES-D	SROANES1	SROANP
SROARPT	SROARSP	SROASITE
SROATT	SROCAN	SROCHIEF
SROCNR	SROCODE	SROCOMP
SROCRAT	SRODELA	SRODISP
SROERR BACKFILL	SROICU	SROKEY ENTER
SROKEY MENU	SROKEY REMOVE	SROMEN-ANES
SROMEN-ANES TECH	SROMEN-COM	SROMEN-M&M
SROMEN-OP	SROMEN-OPINFO	SROMEN-OUT
SROMEN-PACU	SROMEN-POST	SROMEN-REFER
SROMEN-REST	SROMEN-STAFF	SROMEN-START
SROMENU	SROMM	SRONOP
SRONOP-ANNUAL	SRONOP-EDIT	SRONOP-ENTER
SRONOR	SRONOR-CODERS	SRONRPT
SRONSR	SROOPREQ	SROP REQ
SROPACT	SROPARAM	SROPER
SROPLIST	SROPLIST1	SROPPC
SROQ LIST OPS	SROQ MENU	SROQ MISSING DATA
SROQADM	SROQD	SROQIDP
SROREAS	SROREQ	SROREQV
SRORET	SRORPTS	SROSCH
SROSCHOP	SROSNR	SROSPEC
SROSRES	SROSRPT	SROSTAFF
SROSUR	SROTRPT	SROUNV
SROVER	SROW-DELETE	SROW-EDIT
SROW-ENTER	SROWAIT	SROWC
SROWRQ	SRSBDEL	SRSBOUT
SRSCAN	SRSCD	SRSCHD1
SRSCHDA	SRSCHDC	SRSCHUP
SRSCPT	SRSRBS	SRSREQCC
SRSUPC	SRSUPRQ	SRSWL2
SRSWREQ	SRTASK-NIGHT	

## Option Descriptions

This section provides an alphabetical listing of Surgery options, and includes a brief description of each option.

***Admissions Within 14 Days of Outpatient Surgery*** [SROQADM]

This option provides a list of patients with completed outpatient surgical cases that resulted in at least one postoperative occurrence AND a hospital admission within 14 days of the surgery. These patients are included in the “Admitted Within 14 Days” total on the Quarterly Report.

***Anesthesia AMIS*** [SROAMIS]

This report generates the Anesthesia AMIS Report required by Central Office (C.O.).

***Anesthesia Data Entry Menu*** [SROANES-D]

This menu contains options used to enter or edit anesthesia related information.

***Anesthesia Information (Enter/Edit)*** [SROMEN-ANES]

This option is used to enter Anesthesia related information for a given case.

***Anesthesia Menu*** [SROANES1]

This menu contains the various options used to enter and display information related to the anesthesia technique and personnel.

***Anesthesia Provider Report*** [SROADOC]

This report provides information concerning the Anesthesia staff and technique for completed cases. It will sort the cases by the principal anesthetist.

***Anesthesia Report*** [SROARPT]

This option, locked by the SROANES security key, generates the Anesthesia Report containing anesthesia information for a surgical case. Before the report is electronically signed, the option displays information directly from the SURGERY file (#130) with the choice to edit the information on the report, to print/view the report from the beginning, and to sign the report electronically, if appropriate for the user. After the report is electronically signed, this option allows the signed report to be edited by updating the information in the SURGERY file (#130) and by creating addenda. This option also allows the report to be viewed or printed.

***Anesthesia Reports*** [SR ANESTH REPORTS]

This menu contains various Anesthesia Reports, including the Anesthesia AMIS Report and List of Anesthetic Procedures.

***Anesthesia Technique (Enter/Edit)*** [SROMEN-ANES TECH]

This option is used to enter information for the anesthesia technique used. Depending on what technique was used, a different set of fields may be entered.

***Anesthesia for an Operation Menu*** [SROANES]

This menu contains the various Anesthesia related options used to input and display anesthesia staff and technique information.

***Annual Report of Non-O.R. Procedures***

[SRONOP-ANNUAL]

This option is used to generate the Annual Report of Non-OR Procedures. It will display the total number of procedures based on CPT code.

***Annual Report of Surgical Procedures***

[SROARSP]

This option is used to generate the Annual Report of Surgical Procedures. It will count procedures within Surgical Specialties.

***Attending Surgeon Reports***

[SROATT]

This option generates the Attending Surgeon Reports that displays staffing information for completed cases along with cumulative totals for each attending code. It can be sorted by surgical specialty and can be generated for an individual surgeon.

***Blood Product Verification***

[SR BLOOD PRODUCT VERIFICATION]

The user can access this option through the *Operation Menu* [SROPER] option. After scanning the blood unit ID, the software will check for an association with the patient identified. If there are multiple entries with the Unit ID scanned, these entries will be listed along with the Blood Component, Patient Associated, and Expiration Date. The user will then be prompted to select the one that matches the blood product about to be administered. If the selected product is not associated with the patient identified, the warning message will be displayed.

***CPT Code Reports***

[SR CPT REPORTS]

This menu contains reports based on CPT Codes. It includes the Cumulative Report of CPT Codes, Report of CPT Coding Accuracy, and the Report of Cases Missing CPT Codes.

***CPT/ICD9 Coding Menu***

[SRCODING MENU]

This menu provides functionality for reviewing operations and non-OR procedures and for editing operation and non-OR procedure CPT and ICD-9 codes.

***CPT/ICD9 Update/Verify Menu***

[SRCODING UPDATE/VERIFY MENU]

This menu contains options to be used by those responsible for entering CPT and ICD-9 codes for operations and non-OR procedures.

***Cancel Scheduled Operation***

[SRSCAN]

This option is used to cancel a scheduled operation on a given date. When a scheduled case is cancelled, a new request is automatically generated for that case on the same date.

***Cardiac Procedures Operative Data (Enter/Edit)***

[SROA CARDIAC PROCEDURES]

This option is used to enter or edit information related to cardiac procedures requiring cardiopulmonary bypass for the cardiac surgery risk assessments.

***Cardiac Risk Assessment Information (Enter/Edit)***

[SROA CARDIAC ENTER/EDIT]

This menu contains options to enter or edit assessment information for the cardiac risk assessments.

***Chief of Surgery Menu***

[SROCHIEF]

This menu contains the various options designed for use by the Chief of Surgery and his package coordinator.

***File Download***

[SRHL DOWNLOAD INTERFACE FILES]

This option is used to download Surgery interface files to the Automated Anesthesia Information System (AAIS). The process is currently being done by a screen capture to a file. In the future, this will be changed to a background task that can be queued to send Health Level 7 (HL7) master file updates.

***Flag Drugs for Use as Anesthesia Agents***

[SROCODE]

This option is used to flag drugs for use as anesthesia agents. Only those drugs that are flagged will be available when selecting anesthesia agents.

***Flag Interface Fields***

[SRHL INTERFACE FLDS]

This option allows the package coordinator to set the INTERFACE field in the SURGERY INTERFACE file (#133.2). The categories listed on the first screen correspond to entries in the SURGERY INTERFACE file (#133.2). These categories are listed in the Surgery Health Level 7 Interface Specifications document as being the OBR (Observation Request) text identifiers. Each identifier corresponds to several fields in the VISTA Surgery package. This allows the user to control the flow of data between the VISTA Surgery package and the ancillary system on a field-by-field basis.

The option lists each identifier and its current setting. To receive the data coming from the ancillary system for a category, set the flag to **R** for receive. To ignore the data, set the flag to **N** for not receive. To see a second underlying layer of OBX (Observation Information) text identifiers (fields in SURGERY file (#130) and their settings), set the OBR text identifier to **RR** for receive. The option will allow the user to toggle the settings for a range or for individual items.

***Intraoperative Occurrences (Enter/Edit)***

[SRO INTRAOP COMP]

This option is used to enter or edit intraoperative occurrences. Every occurrence entered must have a corresponding perioperative occurrence category.

***Laboratory Interim Report***

[SRO-LRRP]

This option will print or display interim reports for a selected patient, within a given time period. The printout will go in inverse date order. This report will output all tests for the time period specified. If no results are available, the option will ask for another patient. This option will only print verified results and at present does not output the microbiology reports.

***Laboratory Test Results (Enter/Edit)***

[SROA LAB]

This option is used to enter or edit laboratory information for an individual risk assessment.

***Laboratory Test Results (Enter/Edit)***

[SROA LAB-CARDIAC]

This option is used to enter or edit laboratory information for an individual Cardiac risk assessment.

***List Completed Cases Missing CPT Codes***

[SRSCPT]

This option will generate a report of completed cases that are missing a CPT code for the principal or secondary operation(s). It is important to note that only procedures that have CPT codes will be counted on the Annual Report of Surgical Procedures.

***List Operation Requests***

[SRSRBS]

This option is designed to list requested cases, including those patients on the waiting list. It will print all future requests, sorted by ward location or surgical specialty.

**List Scheduled Operations**

[SRSCD]

This option is designed to provide a short form listing of scheduled cases for a given date. It will sort by surgical specialty, operating room, or ward location and is designed to be displayed on the user's CRT.

**List of Anesthetic Procedures**

[SROANP]

This option generates the List of Anesthetic Procedures for a specified date range.

**List of Invasive Diagnostic Procedures**

[SROQIDP]

This option provides a report listing the completed surgical cases that were performed during the selected date range and that have a principal CPT code on the list defined by Surgical Service at VHA Headquarters as invasive diagnostic procedures.

**List of Operations**

[SROPLIST]

This report contains general information for completed cases within a selected date range. It includes the procedure(s), surgical service, surgeons and case type.

**List of Operations (by Postoperative Disposition)**

[SRO CASES BY DISPOSITION]

This report will list completed cases for a selected date range sorted by postoperative disposition and by surgical specialty.

**List of Operations (by Surgical Priority)**

[SRO CASES BY PRIORITY]

This report will list completed cases for a specified date range sorted by the surgical priority (elective, emergent, etc.). The patient name, patient social security number (SSN), date of operation, operative procedure, and surgical specialty will be displayed for each case.

**List of Operations (by Surgical Specialty)**

[SROPLIST1]

This report contains general information for completed cases within a selected date range, sorted by surgical specialty. It includes procedure(s), surgical specialty, surgeons and case type.

**List of Operations Included on Quarterly Report**

[SROQ LIST OPS]

This option generates a list of completed operations that are included in the totals displayed on the Quarterly Report. The report displays the data fields that are checked by the Quarterly Report.

**List of Surgery Risk Assessments**

[SROA ASSESSMENT LIST]

This option is used to print the List of Surgery Risk Assessments. From this option, six different reports can be produced, (1) List of Incomplete Assessment, (2) List of Completed Assessments, (3) List of Transmitted Assessments, (4) List of All Major Surgical Cases, (5) List of All Surgical Cases and (6) List of Completed/Transmitted Assessments Missing Information.

**List of Unverified Surgery Case**

[SROUNV]

This option will generate a list of all completed surgery cases that have not had the procedure, diagnosis and complications verified.

**M&M Verification Report**

[SRO M&amp;M VERIFICATION REPORT]

This option produces the Morbidity and Mortality (M&M) Verification Report that may be useful for:

- Reviewing occurrences and their assignments to operations
- Reviewing death unrelated/related assignments to operations

***Operating Room Utilization (Enter/Edit)***

[SR UTIL EDIT ROOM]

This option is used to enter or edit start and end times for operating rooms on a selected date.

***Operating Room Utilization Report***

[SR OR UTL1]

This report prints utilization information for a selected date range for all operating rooms or for a single operating room. The report displays the percent utilization, the number of cases, the total operation time and the time worked outside normal hours for each operating room individually and all operating rooms collectively.

The percent utilization is derived by dividing the total operation time for all operations (including total time patients were in OR, plus the cleanup time allowed for each case, plus one hour allowance for startup and shutdown daily for each OR that had at least one case) by the total OR functioning time as defined in the SURGERY UTILIZATION file (#131.8). The quotient is then multiplied by 100.

***Operation***

[SROMEN-OP]

This option is used to enter or edit information determined during the operative procedure.

***Operation (Short Screen)***

[SROMEN-OUT]

This screen is designed for surgical procedures performed on outpatient or ambulatory patients with local anesthesia.

***Operation Information***

[SROMEN-OPINFO]

This one page display allows the user to quickly reference primary information for a given case. There are no editing capabilities in this option.

***Operation Information (Enter/Edit)***

[SROA OPERATION DATA]

This option is used to enter or edit information related to the operation.

***Operation Menu***

[SROPER]

This menu contains the various options used to enter and display information for a selected surgical case.

***Operation Report***

[SROSRPT]

This option generates the Operation Report. This report consists of the electronically signed operative summary (surgeon's dictation) stored in the Text Integration Utilities (TIU) software.

***Operation Requests for a Day***

[SROP REQ]

This option will generate a list of requested operations for a specific date. There are two formats (long and short form) in which the requests may be printed.

***Operation Startup***

[SROMEN-START]

This option is used to enter information prior to the actual start of the operation.

***Operation/Procedure Report***

[SRCODING OP REPORT]

Coders use this option to print the Operation Report on an operation or the Non-O.R. Procedure Report on a non-OR procedure.

***Operative Risk Summary Data (Enter/Edit)***

[SROA CARDIAC OPERATIVE RISK]

This option is used to enter or edit operative risk summary data for the cardiac surgery risk assessments.

***Outcome Information (Enter/Edit)***

[SROA OUTCOMES]

This option is used to enter or edit postoperative information including complication outcomes, discharge diagnosis, and postoperative length of stay.

***Outcome Information (Enter/Edit)***

[SROA CARDIAC-OUTCOMES]

This option is used to enter or edit outcome information for cardiac procedures.

***Outpatient Encounters Not Transmitted to NPCD***

[SRO PCE NOTRANS]

Outpatient surgical and non-OR procedures that are filed as encounters in the Patient Care Encounters (PCE) package without an active, count clinic identified for each encounter are not transmitted to the National Patient Care Database (NPCD) as workload. This option may be used as a tool for identifying these encounters that represent uncounted workload so that corrective actions may be taken in the Surgery package to insure these procedures are associated with an active, count clinic. After corrections are made, these encounters may be re-filed with PCE to be transmitted to NPCD.

This option provides functionality to:

- Count and/or list surgical cases and non-OR procedures that have entries in PCE but have no matching entries in the OUTPATIENT ENCOUNTER file (#409.68) or have matching entries that are non-count encounters or encounters requiring action.
- Re-file with PCE the cases identified as having no matching entries in the OUTPATIENT ENCOUNTER file (#409.68) or having matching entries that are non-count encounters or encounters requiring action.

Both the report and the re-filing process may be run for OR surgical cases, non-OR procedures, or both. The report and the re-filing process may be run for a specific specialty or for all specialties, and may be run for a selected date range.

***PCE Filing Status Report***

[SRO PCE STATUS]

This option provides a report of the PCE filing status of completed cases performed during the selected date range in accordance with the site parameter controlling PCE updates. If this site parameter is turned off, the report will show no cases. The report may be printed for OR surgical cases, non-OR procedures or both. Also, the report may be printed for all specialties or for a single specialty only.

This report is intended to be used a tool in the review of Surgery case information that is passed automatically to PCE. The report uses five status categories:

- (1) **FILED** - This status indicates that case information has already been filed with PCE.
- (2) **QUEUED TO FILE** - This status indicated the case is queued to file with PCE next time the Surgery nightly maintenance job runs.
- (3) **UPDATE QUEUED** - This status indicates that information passed to PCE has been updated after the case was filed with PCE and PCE will be updated the next time the Surgery nightly maintenance job runs.
- (4) **NOT QUEUED** - This status indicates the case is missing information required for filing with PCE.
- (5) **UNCERTAIN** - If the UPDATES TO PCE site parameter is set to file outpatient cases only, this status indicates the IN/OUT-PATIENT STATUS field is null.

## **Surgery Package Management Menu**

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- Surgery Site Parameters (Enter/Edit)
- Operating Room Information (Enter/Edit)
- Surgery Utilization Menu
  - Operating Room Utilization (Enter/Edit)
  - Normal Daily Hours (Enter/Edit)
  - Operating Room Utilization Report
  - Report of Normal Operating Room Hours
  - Purge Utilization Information
- Person Field Restrictions Menu
  - Enter Restrictions for 'Person' Fields
  - Remove Restrictions for 'Person' Fields
- Update O.R. Schedule Devices
- Update Staff Surgeon Information
- Flag Drugs for Use as Anesthesia Agents
- Update Site Configurable Files
- Backfill Order File with Surgical Cases
- Surgery Interface Management Menu
  - Flag Interface Fields
  - File Download
  - Table Download
  - Update Interface Parameter Field
- Make Reports Viewable in CPRS

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## **Surgery Risk Assessment Menu**

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- Non-Cardiac Risk Assessment Information (Enter/Edit)
  - Preoperative Information (Enter/Edit)
  - Laboratory Test Results (Enter/Edit)
  - Operation Information (Enter/Edit)
  - Patient Demographics (Enter/Edit)
  - Intraoperative Occurrences (Enter/Edit)
  - Postoperative Occurrences (Enter/Edit)
  - Update Status of Returns Within 30 Days
  - Update Assessment Status to 'COMPLETE'
- Cardiac Risk Assessment Information (Enter/Edit)
  - Clinical Information (Enter/Edit)
  - Laboratory Test Results (Enter/Edit)
  - Enter Cardiac Catheterization & Angiographic Data
  - Operative Risk Summary Data (Enter/Edit)
  - Cardiac Procedures Operative Data (Enter/Edit)
  - Intraoperative Occurrences (Enter/Edit)
  - Postoperative Occurrences (Enter/Edit)
  - Outcome Information (Enter/Edit)
  - Resource Data
  - Update Assessment Status to 'COMPLETE'

Print a Surgery Risk Assessment  
Update Assessment Completed/Transmitted in Error  
List of Surgery Risk Assessments  
Print 30 Day Follow-up Letters  
Exclusion Criteria (Enter/Edit)  
Monthly Surgical Case Workload Report  
Update Operations as Unrelated/Related to Death  
M&M Verification Report  
Update 1-Liner Case  
Queue Assessment Transmissions  
Update Assessment Completed/Transmitted in Error  
List of Surgery Risk Assessments  
Print 30 Day Follow-up Letters  
Exclusion Criteria (Enter/Edit)  
Monthly Surgical Case Workload Report  
Update Operations as Unrelated/Related to Death  
M&M Verification Report  
Update 1-Liner Case  
Queue Assessment Transmissions

#### **CPT/ICD9 Coding Menu**

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CPT/ICD9 Update/Verify Menu  
Update/Verify Procedure/Diagnosis Codes  
Operation/Procedure Report  
Nurse Intraoperative Report  
Cumulative Report of CPT Codes  
Report of CPT Coding Accuracy  
List Completed Cases Missing CPT Codes  
List of Operations  
List of Operations (by Surgical Specialty)  
List of Undictated Operations  
Report of Daily Operating Room Activity  
PCE Filing Status Report  
Report of Non-O.R. Procedures

Locked with **SR CODER**