SURGERY

TECHNICAL MANUAL/ SECURITY GUIDE

Version 3.0
July 1993

(Revised May 2012)

Department of Veterans Affairs
Product Development

Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists "All," replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

Date	Revised Pages	Patch Number	Description
03/12	i, iii, 10, 18-19, 23-25, 71, 73, 80-82	SR*3*176	References to "Quarterly Report" removed. Routine "SROQ30D" added to the list of routines. Removal of "9" from references to ICD. Appendix A removed. Index renumbered. (T. Leggett, PM ; B. Thomas, Tech Writer)
09/11	i, 13, 18-19, 20-22, 24-29, 34-36, 38, 40, 67, 69, 78-79	SR*3*175	Change in definitions. Routine SRTOVRF added to the list of routines. Options description list updated. Quarterly Report Menu removed. References to CICSP and NSQIP removed from the Glossary. (T. Leggett, PM; B. Thomas, Tech Writer)
12/10	i, 27	SR*3*174	Change in definition of List of Surgery Risk Assessments report. (T. Leggett, PM; B. Thomas, Tech Writer)
11/08	All	SR*3*167	Updated to provide the Surgery Transplant Assessment module information. Additions necessitated a document reissue. (M. Montali, PM; G. O'Connor, Tech Writer)

Table Of Contents

(This page included for two-sided copying.)

The following fields function similar to the REQUEST CUTOFF FOR SUNDAY field:

> REQUEST CUTOFF FOR MONDAY field (#21)
> REQUEST CUTOFF FOR TUESDAY field (#22)
> REQUEST CUTOFF FOR WEDNESDAY field (#23)
> REQUEST CUTOFF FOR THURSDAY field (#24)
> REQUEST CUTOFF FOR FRIDAY field (#25)
> REQUEST CUTOFF FOR SATURDAY field (#26)

HOLIDAY SCHEDULING ALLOWED Field (#27): This field determines which holidays have surgical cases scheduled. This information must be updated each year for all holidays.

INACTIVE? Field (#35): This field is used to make a division inactive and to prevent its selection and use by Surgery users.

AUTOMATED CASE CART ORDERING Field (#37): This field indicates whether or not the CoreFLS interface is in use at the facility. Enter YES, NO, or leave the field blank.

ANESTHESIA REPORT IN USE Field (#40): Many Veterans Affairs (VA) Medical Centers do not use the Anesthesia Report provided with the Surgery package. A parameter has been created so that the automatic creation of stub Anesthesia Reports in the Text Integration Utilities (TIU) files can be eliminated when an operation is completed. If a site does not use the report, there is no need to create the stub for eventual signature. To indicate that the site uses the Anesthesia Report, select YES. If the site does not use the Anesthesia Report, select NO.

DEFAULT CLINIC FOR DOCUMENTS Field (# 42): Enter a non-count clinic so that TIU documents will be associated with the appropriate default clinics. This non-count clinic is the default clinic for this division. It will be the location passed to TIU when Surgery documents are created if no other location can be identified. Enter the hospital location name, abbreviation, or team name.

CODE ISSUE MAIL GROUP Field (# 43): This is the name of the mail group that will receive all coding issue messages sent by the Risk Assessment Nurse Reviewer. When the Non-Cardiac and Cardiac Risk Assessment option Alert Coder Regarding Coding Issues is used, a mail message is sent to the person that coded the Surgery case and the mail group identified in this field.

The following fields are updated using the *Transplant Assessment Parameters (Enter/Edit)* [SR TRANSPLANT PARAMETERS] option that is found on the Transplant Assessment Menu [SR TRANSPLANT ASSESSMENT] option. These fields identify the type of organ transplants, if any, done at the facility.

KIDNEY TRANSPLANTS ASSESSED Field (# 44): This determines whether Kidney Transplants are performed and assessed at this facility. If so, enter 'YES', if not enter 'NO'. Answer YES if transplants are done at an affiliated non-VA medical center, but assessed by the Transplant Coordinator at this facility.

LIVER TRANSPLANTS ASSESSED Field (# 45): This determines whether Liver Transplants are performed and assessed at this facility. If so, enter 'YES', if not enter 'NO'. Answer YES if transplants are done at an affiliated non-VA medical center, but assessed by the Transplant Coordinator at this facility.

LUNG TRANSPLANTS ASSESSED Field (# 46): This determines whether Lung Transplants are performed and assessed at this facility. If so, enter 'YES', if not enter 'NO'. Answer YES if transplants are done at an affiliated non-VA medical center, but assessed by the Transplant Coordinator at this facility.

HEART TRANSPLANTS ASSESSED Field (# 47): This determines whether Heart Transplants are performed and assessed at this facility. If so, enter 'YES', if not enter 'NO'. Answer YES if transplants are done at an affiliated non-VA medical center, but assessed by the Transplant Coordinator at this facility.

4. Options Tasked Daily

The following option must be performed on a daily basis.

SRTASK-NIGHT: This option initiates a number of background tasks to clean up the surgery database and update all appropriate information. Among the tasks performed are calculation of average procedure times, cleanup of outstanding requests, update expected start and end times for operating rooms, locking cases, transmit risk assessment and workload information, and send updates to PCE.

5. Adding Operating Rooms

The operating rooms must be added to the VA FileMan HOSPITAL LOCATION file (#44) and the OPERATING ROOM file (#131.7) before they can be used in any of the Surgery package applications. All locations for non-O.R. procedures must be defined in the HOSPITAL LOCATION file (#44).

HOSPITAL LOCATION file (#44)

The following is an example of how to set up an operating room in the HOSPITAL LOCATION file (#44). Please coordinate entries with the Medical Administration Service (MAS) package coordinator.

Example: Setting Up an Operating Room in the HOSPITAL LOCATION file (#44)

```
Select VA FileMan Option: Enter or Edit File Entries

INPUT TO WHAT FILE: HOSPITAL LOCATION
EDIT WHICH FIELD: ALL//   <Enter>

Select HOSPITAL LOCATION NAME: OR1
   ARE YOU ADDING 'OR1' AS A NEW HOSPITAL LOCATION (THE 24TH)? Y  (YES)
     HOSPITAL LOCATION TYPE: OR   OPERATING ROOM
     HOSPITAL LOCATION TYPE EXTENSION: OPERATING ROOM//   <Enter>
ABBREVIATION: OR1
TYPE: OPERATING ROOM//   <Enter>
TYPE EXTENSION: OPERATING ROOM//   <Enter>
INSTITUTION: BIRMINGHAM, AL. [Very important at multi-division medical centers.]
DIVISION: ^
     [It is unnecessary to enter any other fields in this file. Enter an up arrow
     (^) to exit.]
```

(This page included for two-sided copying.)

Routines

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.

SRBL	SRBLOOD	SRCHL7A	SRCHL7U	SRCUSS	SRCUSS0	SRCUSS1	SRCUSS2
SRCUSS3	SRCUSS4	SRCUSS5	SRENSCS	SRHLDW	SRHLDW1	SRHLENV	SRHLMFN
SRHLOORU	SRHLORU	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	SROA30	SROABCH
SROACAR	SROACAR1	SROACAT	SROACC	SROACC0	SROACC1	SROACC2	SROACC3
SROACC4	SROACC5	SROACC6	SROACCM	SROACCT	SROACL1	SROACL2	SROACLN
SROACMP	SROACMP1	SROACOD	SROACOM	SROACOM1	SROACOP	SROACPM	SROACPM1
SROACPM2	SROACR1	SROACR2	SROACS	SROACTH	SROACTH1	SROADEL	SROADOC
SROADOC1	SROADX	SROADX1	SROADX2	SROAERR	SROAEX	SROAL1	SROAL11
SROAL2	SROAL21	SROALAB	SROALC	SROALCP	SROALCS	SROALCSP	SROALDP
SROALEC	SROALEN	SROALESS	SROALET	SROALL	SROALLP	SROALLS	SROALLSP
SROALM	SROALMN	SROALN1	SROALN2	SROALN3	SROALNC	SROALNO	SROALOG
SROALSL	SROALSS	SROALSSP	SROALST	SROALSTP	SROALT	SROALTP	SROALTS
SROALTSP	SROAMAN	SROAMEAS	SROAMIS	SROAMIS1	SROANEST	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	SROAT0P	SROAT0T	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	SROAX	SROBLOD	SROCAN	SROCAN0	SROCANUP	SROCASE	SROCCAT
SROCD	SROCD0	SROCD1	SROCD2	SROCD3	SROCD4	SROCDX	SROCDX1
SROCDX2	SROCL1	SROCLAB	SROCMP	SROCMP1	SROCMP2	SROCMPD	SROCMPED
SROCMPL	SROCMPS	SROCNR	SROCNR1	SROCNR2	SROCODE	SROCOM	SROCOMP
SROCON	SROCON1	SROCOND	SROCPT	SROCPT0	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	SROLABS	SROLOCK	SROMED
SROMENU	SROMOD	SROMOD0	SROMOR	SROMORT	SRONAN	SRONAN1	SRONASS
SRONBCH	SRONEW	SRONIN	SRONITE	SRONON	SRONOP	SRONOP1	SRONOR
SRONOR1	SRONOR2	SRONOR3	SRONOR4	SRONOR5	SRONOR6	SRONOR7	SRONOR8
SRONP	SRONP0	SRONP1	SRONP2	SRONPEN	SRONRPT	SRONRPT0	SRONRPT1
SRONRPT2	SRONRPT3	SRONUR	SRONUR1	SRONUR2	SRONXR	SROOPRM	SROOPRM1
SROP	SROP1	SROPAC0	SROPAC1	SROPACT	SROPAT	SROPCE	SROPCE0
SROPCE0A	SROPCE0B	SROPCE1	SROPCEP	SROPCEU	SROPCEU0	SROPCEX	SROPDEL
SROPECS	SROPECS1	SROPER	SROPFSS	SROPLIS	SROPLIST	SROPLST1	SROPLSTS
SROPPC	SROPREQ	SROPRI	SROPRI1	SROPRI2	SROPRIN	SROPRIO	SROPRIT
SROPROC	SROPRPT	SROPS	SROPS1	SROPSEL	SROPSN	SROQ	SROQ0
SROQ0A	SROQ30D	SROQADM	SROQD	SROQD0	SROQD1	SROQIDP	SROQIDP0

SROQL	SROQN	SROR	SRORACE	SRORAT1	SRORAT2	SRORATA	SRORATP
SRORATS	SROREA	SROREA1	SROREA2	SROREAS	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	SROSTAFF	SROSTOP	SROSUR	SROSUR1	SROSUR2	SROTHER
SROTIUD	SROTRIG	SROTRPT	SROTRPT0	SROUNV	SROUNV1	SROUNV2	SROUTC
SROUTED	SROUTIN	SROUTL	SROUTL0	SROUTL1	SROUTLN	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	SRSBUTL	SRSCAN	SRSCAN0	SRSCAN1	SRSCAN2	SRSCD	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	SRSIND	SRSKILL
SRSKILL1	SRSKILL2	SRSMREQ	SRSPUT0	SRSPUT1	SRSPUT2	SRSRBS	SRSRBS1
SRSRBW	SRSRBW1	SRSREQ	SRSREQUT	SRSRQST	SRSRQST1	SRSTCH	SRSTIME
SRSUP1	SRSUPC	SRSUPRG	SRSUPRQ	SRSUTIN	SRSUTL	SRSUTL2	SRSWL
SRSWL1	SRSWL10	SRSWL11	SRSWL12	SRSWL13	SRSWL14	SRSWL15	SRSWL2
SRSWL3	SRSWL4	SRSWL5	SRSWL6	SRSWL7	SRSWL8	SRSWL9	SRSWLST
SRSWREQ	SRTOVRF	SRTPASS	SRTPCOM	SRTPDONR	SRTPHRT1	SRTPHRT2	SRTPHRT3
SRTPHRT4	SRTPHRT5	SRTPHRT6	SRTPKID1	SRTPKID2	SRTPKID3	SRTPKID4	SRTPKID6
SRTPLIV1	SRTPLIV2	SRTPLIV3	SRTPLIV4	SRTPLIV5	SRTPLIV6	SRTPLIV7	SRTPLS
SRTPLST	SRTPLSTP	SRTPLUN1	SRTPLUN2	SRTPLUN3	SRTPLUN5	SRTPNEW	SRTPPAS
SRTPRACE	SRTPRH	SRTPRH1	SRTPRH2	SRTPRK	SRTPRK1	SRTPRK2	SRTPRK3
SRTPRLI	SRTPRLI1	SRTPRLI2	SRTPRLU	SRTPRLU1	SRTPRLU2	SRTPSITE	SRTPSS
SRTPTM1	SRTPTM2	SRTPTMIT	SRTPTRAN	SRTPUTL	SRTPUTL4	SRTPUTLC	SRTPVAN

624 routines

Exported Options

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 INFO	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 TRANSPLANT ASSESSMENT	SR TRANSPLANT ENTER/EDIT
SR TRANSPLANT PARAMETERS	SR UPDATE FILES	SR UPDATE SCHEDULE DEVIC
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 ECS COMPLIANCE	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 PROCEDURES
SROA CARDIAC RESOURCE	SROA CARDIAC-OUTCOMES	SROA CATHETERIZATION
SROA CLINICAL INFORMATION	SROA CODE ISSUE	SROA COMPLETE ASSESSMENT
SROA DEMOGRAPHICS	SROA ENTER/EDIT	SROA LAB
SROA LAB TEST EDIT	SROA LAB-CARDIAC	SROA MONTHLY WORKLOAD REPORT

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/ICD 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 codes.

CPT/ICD Update/Verify Menu   [SRCODING UPDATE/VERIFY MENU]

This menu contains options to be used by those responsible for entering CPT and ICD 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.

Circulating Nurse Staffing Report   [SROCNR]
This report provides nurse-staffing information, sorted by the circulating nurses' name.

Clinical Information (Enter/Edit)   [SROA CLINICAL INFORMATION]
This option is used to enter the clinical information required for the cardiac surgery risk assessments.

Comments   [SROMEN-COM]
This option is used to enter general comments about a case.

Comparison of Preop and Postop Diagnosis   [SROPPC]
This report contains completed cases in which the principal preoperative and principal postoperative diagnoses are different.

Create Service Blockout   [SRSBOUT]
This option is used to block out times on the Operating Room Schedule by surgical specialty.

Cumulative Report of CPT Codes   [SROACCT]
This report displays the total number of each CPT code entered for the date range selected. It also breaks down the totals into two categories, principal procedures and other operative procedures.

Deaths Within 30 Days of Surgery   [SROQD]
This option lists patients who had surgery within the selected date range and who died within 30 days of surgery. Two separate reports are available through this option.

1. **Total Cases Summary**
   This report can be printed in one of three ways.

   - **All Cases**: The report lists all patients who had surgery within the selected date range and who died within 30 days of surgery, along with all of the patients' operations that were performed during the selected date range. These patients are included in the postoperative deaths totals on the Quarterly Report.
   - **Outpatient Cases Only**: The report lists only the surgical cases that are associated with deaths that are counted as outpatient (ambulatory) deaths on the Quarterly Report.
   - **Inpatient Cases Only**: The report lists only the surgical cases that are associated with deaths that are counted as inpatient deaths. Although the count of deaths associated with inpatient cases is not a part of the Quarterly Report, this report is provided to help with data validation.

2. **Specialty Procedures**
   This report will list the surgical cases that are associated with deaths that are counted for the national surgical specialty linked to the local surgical specialty. Cases are listed by national surgical specialty.

Delay and Cancellation Reports   [SRO DEL MENU]
This menu contains various reports used to track delays and cancellations.

Delete Service Blockout   [SRSBDEL]

This option is used to delete service blockouts already existing on a schedule.

Delete a Patient from the Waiting List   [SROW-DELETE]
This option is used to delete a patient currently on the surgery waiting list for a selected service.

Delete or Update Operation Requests   [SRSUPRQ]
This option is used to delete, change the date, or update the information entered on a requested operation.

Display Availability   [SRODISP]
This option provides a graph of the availability of operating rooms. Times that are unavailable will be marked by "X"s.

Edit Non-O.R. Procedure   [SRONOP-EDIT]
This option allows the editing of information on the pre-selected non-OR procedure.

Edit a Patient on the Waiting List   [SROW-EDIT]
This option is used to edit a patient already on the waiting list for a selected surgical specialty.

Enter/Edit Transplant Assessments   [SR TRANSPLANT ENTER/EDIT]
This option is used to enter the information required for the transplant assessments.

Enter Cardiac Catheterization & Angiographic Data   [SROA CATHETERIZATION]
This option is used to enter or edit cardiac catheterization and angiographic information for cardiac surgery risk assessments.

Enter Irrigations and Restraints   [SROMEN-REST]
This option is used to stuff in multiple restraints and positioning aids.

Enter PAC(U) Information   [SROMEN-PACU]
This option is used to enter or edit recovery room scores and times.

Enter Referring Physician Information   [SROMEN-REFER]
This option is used to enter the name, phone number, and address of the referring physician or institution.

Enter Restrictions for 'Person' Fields   [SROKEY ENTER]
This option is used to enter restrictions on person fields. It will allow the user to add keys to existing entries in the PERSON FIELD RESTRICTION file (#131). If the field to be restricted has not already been entered in the PERSON FIELD RESTRICTION file (#131), the user may enter it along with the restricting keys through this option.

Enter a Patient on the Waiting List   [SROW-ENTER]
This option is used to enter a patient on the waiting list for a selected surgical specialty.

Ensuring Correct Surgery Compliance Report   [SRO ECS COMPLIANCE]
** Not used after patch SR*3*175 **
This option produces the Ensuring Correct Surgery Compliance Report. This report is a two-part report:
(1) the compliance summary and (2) the list of non-compliant cases. The report is printed for a selected
date range and may be sorted by surgical specialty. This report is a tool for reviewing compliance with the
documentation process for ensuring correct surgery.

Exclusion Criteria (Enter/Edit)   [SR NO ASSESSMENT REASON]
This option is used to flag major cases that will not have a surgery risk assessment due to certain
exclusion criteria.

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.

Key Missing Surgical Package Data   [SROQ MISSING DATA]
This option generates a list of surgical cases performed within the selected date range that are missing key
information. This report includes surgical cases with an entry in the TIME PAT IN OR field and does not
include aborted cases.

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]

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
Risk Model Lab Test (Enter/Edit)

CPT/ICD Coding Menu   Locked with **SR CODER**

    CPT/ICD Update/Verify Menu   Locked with **SR CODER**
        Update/Verify Procedure/Diagnosis Codes
        Operation/Procedure Report
        Nurse Intraoperative Report
        Non-OR Procedure Information
    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

Transplant Assessment Menu   Locked with **SR TRANSPLANT**

    Enter/Edit Transplant Assessments
    Print Transplant Assessment
    List of Transplant Assessments
    Transplant Assessment Parameters (Enter/Edit)

Security Keys

There are 23 security keys in the Surgery package. Most are used to restrict access to certain options within the package. Other keys can be used to restrict which people can be entered in specific fields. This section of the manual describes each key. These descriptions can aid the package coordinator in assigning security levels to the user personnel. A list of users' names and security key levels must be supplied to the site manager.

The following keys are used to determine whether a person can be entered in a specific field. Surgery V. 3.0 allows the user to restrict entries for any "person" type field based on keys. For example, the user could restrict entries into the SURGEON (.14) field in the SURGERY (#130) file to only those people who are holders of the SR SURGEON key. When entering data for a surgical case, only those people can be selected as a surgeon. Restriction of fields is not limited to the keys listed below. The user can use any existing key, or create keys of their own, to restrict access. The keys listed below are supplied for convenience. If the user does not choose to restrict "person" type fields, these keys will not be used elsewhere in the Surgery package.

Security Key	Description
SR ANESTHESIOLOGIST	This key is used to restrict entry into selected fields in which an anesthesiologist can be entered.
SR MED STUDENT	This key is used to restrict entry into selected fields in which a medical student can be entered.
SR NURSE	This key is used to restrict entry into selected fields in which a nurse can be entered.
SR NURSE ANESTHETIST	This key is used to restrict entry into fields in which a nurse anesthetist can be entered.
SR PHYSICIAN ASSISTANT	This key is used to restrict entry into fields in which a physician assistant can be entered.
SR SURGEON	This key is used to restrict entry into fields in which a surgeon can be entered.

The following keys are used to restrict access to menus and options. Only holders of these keys will be permitted to access the locked options or functions.

Security Key	Description
SR CODER	This key should be given to those responsible for entering CPT and ICD codes for operations and non-OR procedures. This key is used to lock the Surgery *CPT/ICD Update/Verify Menu* [SRCODING UPDATE/VERIFY MENU] option.
SR REQ OVERRIDE	This key allows users to make operation requests beyond the site selected cutoff times. The SR REQ OVERRIDE key should only be given to those users that are permitted to make this type of last minute request.
SR RISK ASSESSMENT	This key is used to lock the *Surgery Risk Assessment Menu* [SROA RISK ASSESSMENT] option and all the options it contains. The SR RISK ASSESSMENT key should be given to the Surgery Risk Data Manager and Surgery Application Coordinator.
SR STAFF SURGEON	This key is used to determine whether a person is a staff surgeon.
SRCOORD	This key is used to lock the *Surgery Package Management Menu* [SRO PACKAGE MANAGEMENT] *option* and the options it contains. The SRCOORD key should be given to the Surgery Application Coordinator.
SROAAMIS	This key is required when accessing the *Anesthesia AMIS* [SROAMIS] option and should be given to only those users that will need to print the Anesthesia AMIS Report.
SROANES	This key is required when accessing any anesthesia related option, with the exception of the *Anesthesia AMIS* [SROAMIS] option, which has its own unique key.
SROCHIEF	This key is required when accessing the *Chief of Surgery Menu* [SROCHIEF] option and the options it contains. The SROCHIEF key should be given to the Surgery Application Coordinator, Chief of Surgery, and his or her designee.
SROCOMP	This key is used to lock the *Perioperative Occurrences Menu* [SRO COMPLICATIONS MENU] option. It should be given to those users permitted to enter, edit, and delete surgical complications.
SROEDIT	This key is required when entering or editing Surgery related data. Users that do <u>not</u> have this key are limited to viewing access, rather than editing access, on all Surgery screens.
SROPER	This key is required to access the *Operation Menu* [SROPER] option and all of the options it contains.
SROREP	This key is required when accessing the *Surgery Reports* [SRORPTS] option. Options in this menu cannot be accessed without this key.
SROREQ	This key is required when accessing the *Request Operations* [SROREQ] option, and is given only to those users responsible for making requests.
SROSCH	This key is required when accessing the *Schedule Operations* [SROSCHOP] option and is given only to users responsible for scheduling operations.

Security Key	Description
SROSURG	This key is required when accessing the *Undictated Operations* [SRODICT] option and the *Enter/Edit Non-Operative Complications* [SROCOMP] option.
SROWAIT	This key is required when accessing the *Maintain Surgery Waiting List* [SROWAIT] option. Only users responsible for adding, changing, deleting, or printing data on the waiting list are given this key.
SR TRANSPLANT	This key is used to restrict entry into the Transplant Assessment module.

Term/Acronym	Definition
Not Complete	Case status indicating one of the following two situations with no entry in the TIME PAT OUT OR field (#.232): 1) Case has entry in TIME PAT IN OR field (#.205). 2) Case has not been requested or scheduled.
Operation Code	Identifying code for reporting medical services and procedures performed by physicians. See CPT Code.
PACU	Post Anesthesia Care Unit.
Postoperative Occurrence	Perioperative occurrence following the procedure.
Procedure Occurrence	Occurrence related to a non-OR procedure.
Requested	Operation has been slotted for a particular day but the time and operating room are not yet firm.
Risk Assessment	A module of the Surgery software that provides medical centers a mechanism to track information related to surgical risk and operative mortality. Completed assessments are transmitted to the NSQIP or the CICSP national database for statistical analysis.
Scheduled	Operation has both an operating room and a scheduled starting time, but the operation has not yet begun.
Screen	An illuminated display surface on which display images are presented.
Screen Server	A format for displaying data on a cathode ray tube display. Screen Server is designed specifically for the Surgery Package.
Screen Server Function	The Screen Server prompt for data entry.
Service Blockouts	The reservation of an operating room for a particular service on a recurring basis. The reservation is charted on a blockout graph.
Transplant Assessment	A module of the Surgery software that provides medical centers a mechanism to track information related to surgical transplant risk and operative mortality. Completed assessments are transmitted to the NSQIP or the CICSP national database for statistical analysis.
VASQIP	VA Surgical Quality Improvement Program.

(This page included for two-sided copying.)

Index

R

REQUEST CUTOFF FOR SUNDAY field, 9
Request Operations, 35, 66, 73
routines, 18, 46, 48

S

Schedule Operations, 36, 66, 74
Security Keys, 7
Site Specific Parameters, 7
Sort Template, 40
SR REQ OVERRIDE key, 73
SURGERY file, 14, 16, 22, 26, 30, 38, 47, 56
Surgery Nightly Cleanup and Updates, 37, 44
Surgery Package Management Menu option, 7, 11, 13, 73

Surgery Site Parameters, 7, 37, 70
SURGERY UTILIZATION file, 30, 44

T

templates, 41
Transplant Assessment Menu, 71

V

View a List of Transplant Assessments, 71

X

XU FIRST LINE PRINT, 18