



# **SURGERY**

## **USER MANUAL**

Version 3.0

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# 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	6-10, 14, 103, 105-107, 109-112, 114-120, 122-124, 141-152, 218-219, 284-287, 324, 370-377	SR*3*129	Updated examples to include the new levels for the Attending Code (or Resident Supervision). Also updated examples to include the new fields for ensuring Correct Surgery. For specific options affected by each of these updates, please see the <i>Resident Supervision/Ensuring Correct Surgery Phase II Release Notes</i> .
04/04	All	SR*3*100	All pages were updated to reflect the most recent Clinical Ancillary Local Documentation Standards and the changes resulting from the Surgery Electronic Signature for Operative Reports project, SR*3*100. For more information about the specific changes, see the patch description or the <i>Surgery Electronic Signature for Operative Reports Release Notes</i> .

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

# Using Screen Server

This section provides information about using the Screen Server utility with the Surgery software.

## Introduction

Screen Server is a screen-based data entry utility. It allows the user to display and select data elements for entering, editing, and deleting information. The format is designed to display a number of data fields at one time on a menu. With Screen Server, a number of data elements are displayed at one time on a menu and the user is able to choose on which element to work.

This section contains a description of the Screen Server format and gives examples of how to respond to the unique Screen Server prompts. The screen facsimiles used in the examples are taken from the Surgery software; however, these screens may not display on the terminal monitor exactly as they display in this manual, because the Surgery package is subject to enhancements and local modifications. In this document, the different ways to respond to the Screen Server prompt, to perform a task, and to utilize shortcuts are explained. The shortcuts are listed below:

- Enter data
- Edit data
- Move between pages
- Enter/edit a range of data elements
- Multiples
- Multiple screen shortcuts
- Word processing

The user should be familiar with **VISTA** conventions. In the examples, the user's response is presented in bold face text.

## Navigating

The user can press the Return key to move through a prompt and go to the next page or item. To return directly to the *Surgery Menu* options, the user can enter an up-arrow (^), unless he or she is in a multiple field. To exit a multiple field, enter two up-arrows (^ ^).

## Basics of Screen Server

Each Screen Server arrangement consists of three basic parts: a header, data elements, and an action prompt. These items are defined in the following table.

Term	Definition
Header	The screen heading contains information specific to the record with which you are working. This can include the patient name or case number. The information in the heading is programmed and cannot be easily changed.
Data Elements	Each Screen Server display contains from 1 to 15 data elements (or fields). If information has been entered for any of the data elements defined, it will display to the right of the element. Some data elements are multiple fields, meaning they can contain more than one piece of information. These multiple fields are distinguished by the word "Multiple" next to the data element. If the multiple field contains information, the word "Data" will be next to the data element.
Prompt	The action prompt is at the bottom of each screen. From the prompt "Enter Screen Server Functions:" you can enter, edit, or delete information from the data elements. The possible responses to this prompt are explained in more detail on the following pages. Enter a question mark (?), for help text with possible prompt responses.

The following is an example of a Screen Server display with help text.

### Example: Screen Server with On-line Help Text

The screenshot shows a text-based interface with the following components labeled:

- Header:** Points to the top line: `** SHORT SCREEN ** CASE #16 OHIO,RAYMOND PAGE 1 OF 3`
- Data Elements:** Points to the list of 15 data fields, such as `1 DATE OF OPERATION: AUG 01, 2001` through `15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)`
- Prompt:** Points to the instruction `Enter Screen Server Function: ?`
- On-line Help:** Points to the help text block starting with `If there is more than one page to this screen...`

```

** SHORT SCREEN ** CASE #16 OHIO,RAYMOND PAGE 1 OF 3
1 DATE OF OPERATION: AUG 01, 2001
2 IN/OUT-PATIENT STATUS: OUTPATIENT
3 SURGEON: TULSA,LARRY
4 PRINCIPAL PRE-OP DIAGNOSIS: BENIGN LESIONS ON NOSE
5 PRIN DIAGNOSIS CODE:
6 OTHER PREOP DIAGNOSIS: (MULTIPLE)
7 PRINCIPAL PROCEDURE:: REMOVE FACIAL LESIONS
8 PRINCIPAL PROCEDURE CODE:
9 OTHER PROCEDURES: (MULTIPLE)
10 TIME PAT IN OR:
11 MARKED SITE CONFIRMED:
12 PREOPERATIVE IMAGING CONFIRMED:
13 TIME OUT VERIFIED:
14 MARKED SITE COMMENTS: (WORD PROCESSING)
15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)

Enter Screen Server Function: ?
To change entries, enter your choices (numbers) separated by a ';', or
use a ':' for ranges. i.e. 2;3 or 1:3. Enter 'A' to enter/edit all.

If there is more than one page to this screen, entering a '+' or '-'
followed by the number of pages or entering 'P' followed by the page
number will take you to the desired page.

Enter '^' to quit, or '^ ^' to return to the menu option.

```

## Entering Data

To enter or edit data, the user can type the item number corresponding with the data element for which he/she is entering information and press the Return key. In the following example, we typed the number 10 at the prompt and pressed the Enter key. A new prompt appeared allowing us to enter the data. The software immediately processed this information and produced an updated menu screen and another action prompt.

```
** SHORT SCREEN **      CASE #16  OHIO,RAYMOND      PAGE 1 OF 2

1  DATE OF OPERATION:      AUG 01, 2001
2  IN/OUT-PATIENT STATUS:  OUTPATIENT
3  SURGEON:                TULSA,LARRY
4  PRINCIPAL PRE-OP DIAGNOSIS: BENIGN LESIONS ON NOSE
5  PRIN DIAGNOSIS CODE:
6  OTHER PREOP DIAGNOSIS: (MULTIPLE)
7  PRINCIPAL PROCEDURE::  REMOVE FACIAL LESIONS
8  PRINCIPAL PROCEDURE CODE:
9  OTHER PROCEDURES: (MULTIPLE)
10 TIME PAT IN OR:
11 MARKED SITE CONFIRMED:
12 PREOPERATIVE IMAGING CONFIRMED:
13 TIME OUT VERIFIED:
14 MARKED SITE COMMENTS: (WORD PROCESSING)
15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)

Enter Screen Server Function: 10
Time Patient In the O.R.: 13:00  AUG 1, 2001 AT 13:00
```



The software processes the information and produces an update.

```
** SHORT SCREEN **      CASE #16  OHIO,RAYMOND      PAGE 1 OF 2

1  DATE OF OPERATION:      AUG 01, 2001
2  IN/OUT-PATIENT STATUS:  OUTPATIENT
3  SURGEON:                TULSA,LARRY
4  PRINCIPAL PRE-OP DIAGNOSIS: BENIGN LESIONS ON NOSE
5  PRIN DIAGNOSIS CODE:
6  OTHER PREOP DIAGNOSIS: (MULTIPLE)
7  PRINCIPAL PROCEDURE::  REMOVE FACIAL LESIONS
8  PRINCIPAL PROCEDURE CODE:
9  OTHER PROCEDURES: (MULTIPLE)
10 TIME PAT IN OR:        AUG 1, 2001 AT 13:00
11 MARKED SITE CONFIRMED:
12 PREOPERATIVE IMAGING CONFIRMED:
13 TIME OUT VERIFIED:
14 MARKED SITE COMMENTS: (WORD PROCESSING)
15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)

Enter Screen Server Function:
```



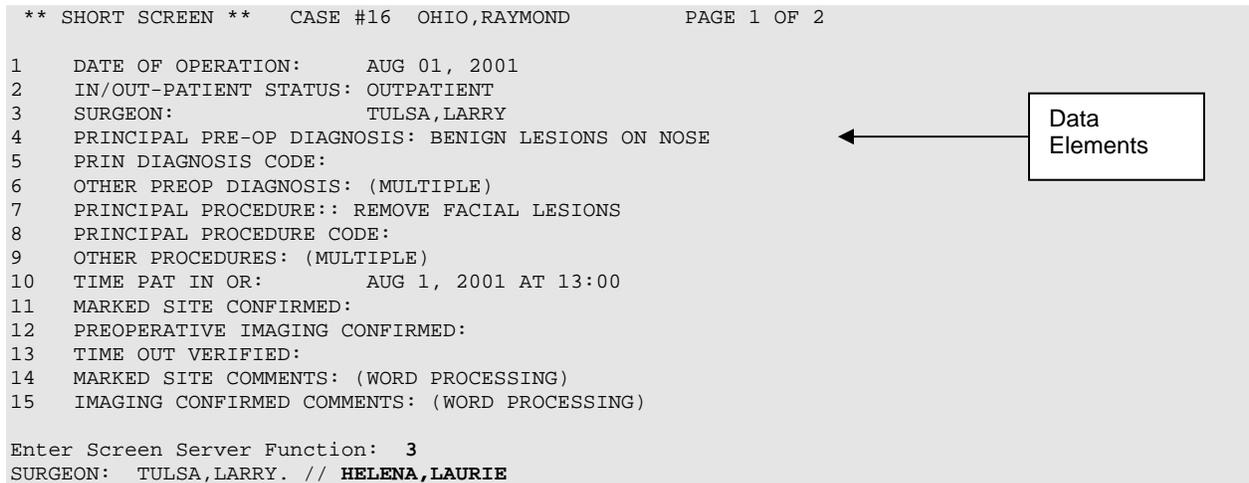
## Editing Data

Changing an existing entry is similar to entering. Once again, the user can type in the number for the data element he/she wants to change and press Enter. In the following example, the number 3 was entered to change the surgeon name. A new prompt appeared containing the existing value for the data element in a default format. We entered the new value, "HELENA,LAURIE." The software immediately processed this information and produced an updated screen.

```
** SHORT SCREEN **      CASE #16  OHIO,RAYMOND          PAGE 1 OF 2

1  DATE OF OPERATION:      AUG 01, 2001
2  IN/OUT-PATIENT STATUS: OUTPATIENT
3  SURGEON:                TULSA,LARRY
4  PRINCIPAL PRE-OP DIAGNOSIS: BENIGN LESIONS ON NOSE
5  PRIN DIAGNOSIS CODE:
6  OTHER PREOP DIAGNOSIS: (MULTIPLE)
7  PRINCIPAL PROCEDURE::  REMOVE FACIAL LESIONS
8  PRINCIPAL PROCEDURE CODE:
9  OTHER PROCEDURES: (MULTIPLE)
10 TIME PAT IN OR:        AUG 1, 2001 AT 13:00
11 MARKED SITE CONFIRMED:
12 PREOPERATIVE IMAGING CONFIRMED:
13 TIME OUT VERIFIED:
14 MARKED SITE COMMENTS: (WORD PROCESSING)
15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)

Enter Screen Server Function: 3
SURGEON:  TULSA,LARRY. // HELENA,LAURIE
```

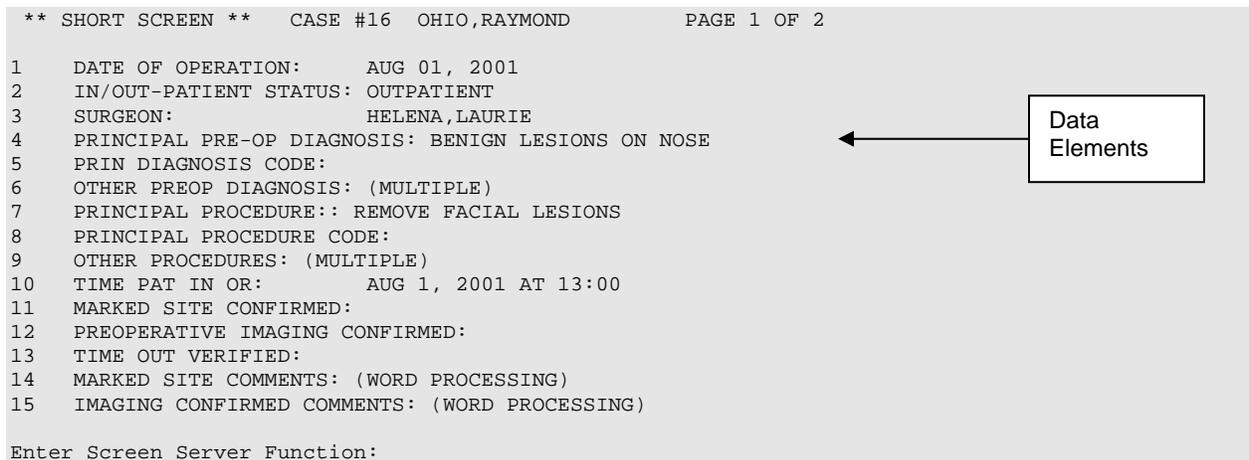


The software processes the information and produces an update.

```
** SHORT SCREEN **      CASE #16  OHIO,RAYMOND          PAGE 1 OF 2

1  DATE OF OPERATION:      AUG 01, 2001
2  IN/OUT-PATIENT STATUS: OUTPATIENT
3  SURGEON:                HELENA,LAURIE
4  PRINCIPAL PRE-OP DIAGNOSIS: BENIGN LESIONS ON NOSE
5  PRIN DIAGNOSIS CODE:
6  OTHER PREOP DIAGNOSIS: (MULTIPLE)
7  PRINCIPAL PROCEDURE::  REMOVE FACIAL LESIONS
8  PRINCIPAL PROCEDURE CODE:
9  OTHER PROCEDURES: (MULTIPLE)
10 TIME PAT IN OR:        AUG 1, 2001 AT 13:00
11 MARKED SITE CONFIRMED:
12 PREOPERATIVE IMAGING CONFIRMED:
13 TIME OUT VERIFIED:
14 MARKED SITE COMMENTS: (WORD PROCESSING)
15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)

Enter Screen Server Function:
```



## Turning Pages

No more than 15 data elements will fit on a single Screen Server formatted page, but there can be as many pages as needed. Because many screens contain more than one page of data elements, the screen server provides the ability to move between the pages. Pages are numbered in the heading. To go back one page, enter minus one (-1) at the action prompt. To go forward, enter plus one (+1). The user can move more than one page by combining the minus or plus sign with the number of pages needed to go backward or forward.

## Entering or Editing a Range of Data Elements

Colons and semicolons are used as delineators for ranges of item numbers. This allows the user to respond to two or more data elements on the same page of a screen at one time. Typing a colon and/or semicolon between the item numbers at the prompt tells the software what elements to display for editing.

Colons are used when the user wants to respond to all numbers within a sequence (for example, 2:5 means items 2, 3, 4, and 5). Semicolons are used to separate the item numbers for non-sequential items (e.g., 2;5;9;11 means items 2, 5, 9 and 11). To respond to all the data elements on the page, enter "A" for all.

### Example 1: Colon

```
** STARTUP **      CASE #24  MARYLAND,MARK                PAGE 2 OF 3

1  MARKED SITE CONFIRMED: YES
2  PREOPERATIVE IMAGING CONFIRMED: IMAGING NOT REQUIRED FOR THIS PROCEDURE
3  TIME OUT VERIFIED: YES
4  MARKED SITE COMMENTS: (WORD PROCESSING)
5  IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
6  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
7  ASA CLASS:
8  PREOP MOOD:
9  PREOP CONSCIOUS:
10 PREOP SKIN INTEG:
11 TRANS TO OR BY:
12 PREOP SHAVE BY:
13 SKIN PREPPED BY (1):
14 SKIN PREPPED BY (2):
15 SKIN PREP AGENTS:

Enter Screen Server Function: 7:12
ASA Class: 2      2-MILD DISTURB.
Preoperative Mood: RELAXED          R
Preoperative Consciousness: ALERT-ORIENTED      AO
Preoperative Skin Integrity: INTACT          I
Transported to O.R. By: STRETCHER
Preoperative Shave By: TAMPA,ANNETTE        AT
```

### Example 2: Semicolon

```
** STARTUP **      CASE #24  MARYLAND,MARK                PAGE 1 OF 3

1  DATE OF OPERATION:      APR 19, 2001 AT 800
2  PRINCIPAL PRE-OP DIAGNOSIS: DEGENERATIVE JOINT DISEASE
3  OTHER PREOP DIAGNOSIS: (MULTIPLE)
4  OPERATING ROOM:        OR4
5  SURGERY SPECIALTY:     ORTHOPEDICS
6  MAJOR/MINOR:
7  REQ POSTOP CARE:       WARD
8  CASE SCHEDULE TYPE:    ELECTIVE
9  REQ ANESTHESIA TECHNIQUE: GENERAL
10 PATIENT EDUCATION/ASSESSMENT: YES
11 CANCEL DATE:
12 CANCEL REASON:
13 CANCELLATION AVOIDABLE:
14 DELAY CAUSE:           (MULTIPLE)
15 VALID ID/CONSENT CONFIRMED BY:

Enter Screen Server Function: 4;6;
Operating Room: OR4// OR2
Major or Minor: MAJOR
```

## Working with Multiples

The notation MULTIPLE indicates a data element that can have more than one answer. Some multiple fields have several layers of screens from which to respond. Navigating through the layers may seem tedious at first, but the user will soon develop speed. Remember, the user can press the Enter key at the prompt to go back to the main menu screen, or enter an up-arrow (^) to go back to the previous screen.

In the following examples, there are other screens after the initial (also called top-level) screen. With the multiple screens, a new menu list is built with each entry.

### Example: Multiples

```
** OPERATION **      CASE #14  MONTANA,JOHNNY      PAGE 1 OF 3

1  TIME PAT IN HOLD AREA: AUG 15, 2001 AT 740
2  TIME PAT IN OR:      AUG 15, 2001 AT 800
3  MARKED SITE CONFIRMED: YES
4  PREOPERATIVE IMAGING CONFIRMED: IMAGING NOT REQUIRED FOR THIS PROCEDURE
5  TIME OUT VERIFIED:   YES
6  MARKED SITE COMMENTS: (WORD PROCESSING)
7  IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
8  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
9  ANES CARE START TIME: AUG 15, 2001 AT 800
10 TIME OPERATION BEGAN: AUG 15, 2001 AT 900

Enter Screen Server Function:  <Enter>
```

```
** OPERATION **      CASE #14  MONTANA,JOHNNY      PAGE 2 OF 3

1  SPECIMENS:           (WORD PROCESSING)
2  CULTURES:            (WORD PROCESSING)
3  THERMAL UNIT:        (MULTIPLE)
4  ELECTROCAUTERY UNIT:
5  ESU COAG RANGE:
6  ESU CUTTING RANGE:
7  TIME TOURNIQUET APPLIED: (MULTIPLE)
8  PROSTHESIS INSTALLED: (MULTIPLE)
9  REPLACEMENT FLUID TYPE: (MULTIPLE)
10 IRRIGATION:          (MULTIPLE)
11 MEDICATIONS:         (MULTIPLE)(DATA)
12 SPONGE COUNT CORRECT (Y/N): YES
13 SHARPS COUNT CORRECT (Y/N): YES
14 INSTRUMENT COUNT CORRECT (Y/N): YES
15 SPONGE, SHARPS, & INST COUNTER:

Enter Screen Server Function:  8
```

```
** SHORT SCREEN **      CASE #10  KENTUCKY,KENNETH  PAGE 1 OF 1
      ANESTHESIA TECHNIQUE

1  ANESTHESIA TECHNIQUE:  GENERAL
2  ANESTHESIA TECHNIQUE:  LOCAL
3  NEW ENTRY
Enter Screen Server Function:  1R
      ANESTHESIA TECHNIQUE:  GENERAL// <Enter>
```

The software processes the information and produces an update.

```
** SHORT SCREEN **      CASE #10  KENTUCKY,KENNETH  PAGE 1 OF 1
      ANESTHESIA TECHNIQUE  (0)

1  ANESTHESIA TECHNIQUE:  GENERAL
2  PRINCIPAL TECH:
3  ANESTHESIA AGENTS:      (MULTIPLE)

Enter Screen Server Function:  3
```

```
** SHORT SCREEN **      CASE #10  KENTUCKY,KENNETH  PAGE 1 OF 1
      ANESTHESIA TECHNIQUE  (0)
      ANESTHESIA AGENTS

1  NEW ENTRY

Enter Screen Server Function:  1
Select ANESTHESIA AGENTS:  PROCAINE HYDROCHLORIDE
      ANESTHESIA AGENTS:  PROCAINE HYDROCHLORIDE // <Enter>
```

```
** SHORT SCREEN **      CASE #10  KENTUCKY,KENNETH  PAGE 1 OF 1
      ANESTHESIA TECHNIQUE  (0)
      ANESTHESIA AGENTS

1  ANESTHESIA AGENTS:      PROCAINE HYDROCHLORIDE
2  NEW ENTRY

Enter Screen Server Function:  <Enter>
```

The software processes the information and produces an update.

```
** SHORT SCREEN **      CASE #10  KENTUCKY,KENNETH  PAGE 1 OF 1
      ANESTHESIA TECHNIQUE  (0)

1  ANESTHESIA TECHNIQUE:  GENERAL
2  PRINCIPAL TECH:
3  ANESTHESIA AGENTS:      (MULTIPLE)(DATA)

Enter Screen Server Function:  <Enter>
```

The updating continues through to the top layer.

```
** SHORT SCREEN **      CASE #10  KENTUCKY,KENNETH  PAGE 1 OF 1
      ANESTHESIA TECHNIQUE

1  ANESTHESIA TECHNIQUE:  INTRAVENOUS
2  ANESTHESIA TECHNIQUE:  LOCAL
3  ANESTHESIA TECHNIQUE:  INTRAVENOUS
4  NEW ENTRY

Enter Screen Server Function:
```

## Word Processing

The phrase "Word Processing" in the menu means that the user can enter as much data as needed to complete the entry.

Following is an example of how we entered text on a Screen Server word processing field. Notice that we pressed the Enter key after each line of text as there is no automatic word-wrap:

```
** SHORT SCREEN **      CASE #25  KENTUCKY,KENNETH      PAGE 3 OF 3

1  WOUND CLASSIFICATION:
2  ATTEND SURG:
3  ATTENDING CODE:      LEVEL D: ATTENDING IN O.R. SUITE, IMMEDIATELY AVAILABLE
4  SPECIMENS:           (WORD PROCESSING)
5  CULTURES:           (WORD PROCESSING)
6  NURSING CARE COMMENTS: (WORD PROCESSING)
7  ASA CLASS:
8  PRINC ANESTHETIST:
9  ANESTHESIA TECHNIQUE: (MULTIPLE)
10 ANES CARE START TIME:
11 ANES CARE END TIME:
12 DELAY CAUSE:        (MULTIPLE)
13 CANCEL DATE:
14 CANCEL REASON:

Enter Screen Server Function:  6
NURSING CARE COMMENTS:
  1>Patient arrived ambulatory from Ambulatory Surgery Unit.  <Enter>
  2>Discharged via wheelchair. Lidocaine applied topically.  <Enter>
  3> <Enter>
EDIT Option: <Enter>
```

The software processes the information and produces an update.

```
** SHORT SCREEN **      CASE #25  KENTUCKY,KENNETH      PAGE 3 OF 3

1  WOUND CLASSIFICATION:
2  ATTEND SURG:
3  ATTENDING CODE:      LEVEL D: ATTENDING IN O.R. SUITE, IMMEDIATELY AVAILABLE
4  SPECIMENS:           (WORD PROCESSING)
5  CULTURES:           (WORD PROCESSING)
6  NURSING CARE COMMENTS: (WORD PROCESSING) (DATA)
7  ASA CLASS:
8  PRINC ANESTHETIST:
9  ANESTHESIA TECHNIQUE: (MULTIPLE)
10 ANES CARE START TIME:
11 ANES CARE END TIME:
12 DELAY CAUSE:        (MULTIPLE)
13 CANCEL DATE:
14 CANCEL REASON:

Enter Screen Server Function:
```

## Operation Information

### [SROMEN-OPINFO]

Surgeons and other members of the surgical staff use the *Operation Information* option for a quick reference on a case. It produces a report that touches on the more important areas of interest recorded for the case. The report can be viewed on screen but cannot be edited from this option.

An asterisk indicates the principal diagnosis for the case, since some cases have more than one diagnosis. Notice that the INTRAOP OCCURRENCES field and the POSTOP OCCURRENCES field indicate if there are occurrences; however, the occurrences will not be defined, as access to this information is restricted.

#### Example: Operation Information

Select Operation Menu Option: **I** Operation Information

```
-----
Patient: MISSOURI,ROY (123-45-6789)           Operation Date: MAR  9, 1999
Surgeon: PITTSBURGH,ANTHONY                   Major/Minor:
Attending Surgeon: RICHMOND,ARTHUR           Operation Time: 45 Minutes
Attending Code: LEVEL D: ATTENDING IN O.R. SUITE, IMMEDIATELY AVAILABLE
-----
Operation(s):
APPENDECTOMY
-----
Postop Diagnosis:                             Intraop Occurrences: YES
* APPENDICITIS                               Postop Occurrences: YES
-----
Anesthesia Technique:                         Anesthetist: BISMARK,ANDREW
INHALATION
ENFLURANE 125ML
-----
Wound Classification:
Intraoperative Blood Loss: 100 CC'S
-----
Press RETURN to continue
```

## Surgical Staff

### [SROMEN-STAFF]

The *Surgical Staff* option allows the operating room nurse or scheduling manager to enter or edit the names of the surgical team prior to the operation. Some data fields may be automatically filled in based on previous responses. The names entered will be reflected in the Nurse Intraoperative Report and other staffing reports.

At the "Enter Screen Server Function:" prompt, the user may choose the field(s) to be edited or press the <Enter> key to continue. Some of the data fields are "multiple" and may contain more than one value. When a field labeled "multiple" is selected, a new screen is generated so that the user can enter data related to that multiple. For example, the CIRC SUPPORT, SCRUB SUPPORT, and SCRUBBED ASSISTANT fields generate new screens that allow the user to add the TIME ON, TIME OFF, REASON FOR RELIEF, and STATUS. The TIME ON and TIME OFF fields also generate additional screens so that the user may enter more than one TIME ON/OFF for the same operation as some assistants must enter and exit more than once.



If entering times on a day other than the day of surgery, enter both the date and the time. Entering only a time will default the date to the current date.

---

### Field Information

The following are fields that correspond to the Surgical Staff entries.

Field Name	Definition
ATTENDING CODE	This field corresponds to the highest level of supervision provided by the attending staff surgeon during the procedure. Enter a question mark (?) to retrieve the list of codes.
OTHER SCRUBBED ASSISTANTS	If there are more than two assistants scrubbed for this case, they can be entered here.
OTHER PERSONS IN O.R.	This fields includes any observers, such as equipment vendors, in the operating room.

## Example: Entering Surgical Staff

Select Operation Menu Option: **SS** Surgical Staff

```
** SURGICAL STAFF **   CASE #193  MONTANA,JOHNNY   PAGE 1 OF 1

1  SURGEON:                JACKSON,R
2  PGY OF PRIMARY SURGEON:
3  FIRST ASST:             HELENA,LAURIE
4  SECOND ASST:            TULSA,LARRY
5  ATTEND SURG:            JACKSON,R
6  ATTEND CODE:
7  PRINC ANESTHETIST:      DENVER,DONNA
8  ASST ANESTHETIST:
9  ANESTHESIOLOGIST SUPVR: AUGUSTA,DON
10 PERFUSIONIST:
11 ASST PERFUSIONIST:
12 OR CIRC SUPPORT:        (MULTIPLE)
13 OR SCRUB SUPPORT:       (MULTIPLE)
14 OTHER SCRUBBED ASSISTANTS: (MULTIPLE)
15 OTHER PERSONS IN OR:   (MULTIPLE)
```

Enter Screen Server Function: **6;13;15**

Attending Code: **C** LEVEL C: ATTENDING IN O.R., NOT SCRUBBED C

The supervising practitioner is physically present in the operative or procedural room. The supervising practitioner observes and provides direction. The resident performs the procedure.

```
** SURGICAL STAFF **   CASE #193  MONTANA,JOHNNY   PAGE 1
      OR SCRUB SUPPORT
```

1 NEW ENTRY

Enter Screen Server Function: **1**

Select OR SCRUB SUPPORT: **MONTPELIER,MELINDA**

OR SCRUB SUPPORT: MONTPELIER,MELINDA// <Enter>

```
** SURGICAL STAFF **   CASE #193  MONTANA,JOHNNY   PAGE 1
      OR SCRUB SUPPORT (MONTPELIER,MELINDA)
```

```
1  OR SCRUB SUPPORT:        MONTPELIER,MELINDA
2  TIME ON:                 (MULTIPLE)
3  STATUS:
```

Enter Screen Server Function: **2:3**

Educational Status: **?**

CHOOSE FROM:

O ORIENTEE

F FULLY TRAINED

Educational Status: **F** FULLY TRAINED

```
** SURGICAL STAFF **   CASE #193  MONTANA,JOHNNY   PAGE 1
      OR SCRUB SUPPORT (MONTPELIER,MELINDA)
      TIME ON
```

1 NEW ENTRY

Enter Screen Server Function: **1**

Select TIME ON: **8:00** (JUN 06, 1999@08:00)

TIME ON: JUN 06, 1999@08:00// <Enter>

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1
OR SCRUB SUPPORT (MONTPELIER,MELINDA)
TIME ON (2920606.08)
```

```
1 TIME ON: JUN 06, 1999 AT 08:00
2 TIME OFF:
3 REASON FOR RELIEF:
```

Enter Screen Server Function: **2:3**

Time Off: **13:00** (JUN 06, 1999@13:00)

Reason for Relief: **?**

Enter the code corresponding to the reason for relief.

CHOOSE FROM:

```
P PERSONAL
S SHIFT CHANGE
A ADMINISTRATIVE
```

Reason for Relief: **S** SHIFT CHANGE

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
OR SCRUB SUPPORT (MONTPELIER,MELINDA)
TIME ON (2920606.08)
```

```
1 TIME ON: JUN 06, 1999 AT 08:00
2 TIME OFF: JUN 06, 1999 AT 13:00
3 REASON FOR RELIEF: SHIFT CHANGE
```

Enter Screen Server Function: **<Enter>**

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
OR SCRUB SUPPORT (MONTPELIER,MELINDA)
TIME ON
```

```
1 TIME ON: JUN 06, 1999 AT 08:00
2 NEW ENTRY
```

Enter Screen Server Function: **<Enter>**

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
OR SCRUB SUPPORT (MONTPELIER,MELINDA)
```

```
1 OR SCRUB SUPPORT: MONTPELIER,MELINDA
2 TIME ON: (MULTIPLE)(DATA)
3 STATUS: FULLY TRAINED
```

Enter Screen Server Function: **<Enter>**

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
OR SCRUB SUPPORT
```

```
1 OR SCRUB SUPPORT: MONTPELIER,MELINDA
2 NEW ENTRY
```

Enter Screen Server Function: **<Enter>**

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
OTHER PERSONS IN OR
```

```
1 NEW ENTRY
```

Enter Screen Server Function: **1**

Select OTHER PERSONS IN OR: **WILLIAM MILWAUKEE**

OTHER PERSONS IN OR: WILLIAM MILWAUKEE// **<Enter>**

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
    OTHER PERSONS IN OR (0)

1 OTHER PERSONS IN OR: WILLIAM MILWAUKEE
2 TITLE/ORGANIZATION:

Enter Screen Server Function: 2
Title and Organization: TECHNICIAN, AMERICAN SURGICAL EQUIP
```

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
    OTHER PERSONS IN OR (0)

1 OTHER PERSONS IN OR: WILLIAM MILWAUKEE
2 TITLE/ORGANIZATION:  TECHNICIAN, AMERICAN SURGICAL EQUIP

Enter Screen Server Function: <Enter>
```

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1
    OTHER PERSONS IN OR

1 OTHER PERSONS IN OR: WILLIAM MILWAUKEE
2 NEW ENTRY

Enter Screen Server Function: <Enter>
```

```
** SURGICAL STAFF ** CASE #193 MONTANA,JOHNNY PAGE 1 OF 1

1 SURGEON: JACKSON,R
2 PGY OF PRIMARY SURGEON:
3 FIRST ASST: HELENA,LAURIE
4 SECOND ASST: TULSA,LARRY
5 ATTEND SURG: JACKSON,R
6 ATTEND CODE: LEVEL C: ATTENDING IN O.R., NOT SCRUBBED
7 PRINC ANESTHETIST: DENVER,DONNA
8 ASST ANESTHETIST:
9 ANESTHESIOLOGIST SUPVR: AUGUSTA,DON
10 PERFUSIONIST:
11 ASST PERFUSIONIST:
12 OR CIRC SUPPORT: (MULTIPLE)
13 OR SCRUB SUPPORT: (MULTIPLE)(DATA)
14 OTHER SCRUBBED ASSISTANTS: (MULTIPLE)
15 OTHER PERSONS IN OR: (MULTIPLE)(DATA)

Enter Screen Server Function:
```

## Operation Startup [SROMEN-START]

The nurse or other operating room staff uses the *Operation Startup* option to enter data concerning the patient's preparation for the surgery (for example, diagnosis, delays, skin prep, and position aids). Some data fields may be automatically filled in based on previous responses.

Some of the data fields are "multiple fields" and can have more than one value. For example, a patient can have more than one diagnosis or restraint/position aid. When a multiple field is selected, a new screen is generated so that the user can enter data related to that multiple. At the "Enter Screen Server Function:" prompt, the user can choose the field(s) to be edited, or press the <Enter> key to go to the next item or page.

### Field Information

The following are fields that correspond to the Operation Startup entries.

Field Name	Definition
MAJOR/MINOR:	Major surgery is any operation performed under general, spinal, or epidural anesthesia plus all inguinal herniorrhaphies and carotid endarterectomies, regardless of anesthesia administered. Minor surgery is any operation not designated as Major.
CANCEL REASON:	The user must respond to this prompt if he or she has information in the CANCEL DATE field. Typing in a question mark (?) at the "Cancel Reason:" prompt allows the user to select from a list of cancellation reasons. The "Cancel Reason:" prompt should only be answered if the case has been aborted. Use the <i>Cancel Scheduled Case</i> option if the patient has not yet entered the operating room.
DELAY CAUSE:	If the actual start time of the surgery is significantly delayed (15 minutes or more, depending on the institution's policy) it is necessary to select a reason at the "Delay Cause:" prompt. Type in a question mark (?) at this prompt to select from a list of delay causes.
RESTR & POSITION AIDS:	A safety strap is automatically included as a restraint.

## Example: Operation Startup

Select Operation Menu Option: **OS** Operation Startup

```
** STARTUP **      CASE #159  MONTANA,JOHNNY          PAGE 1 OF 3

1  DATE OF OPERATION:      DEC 06, 1999 AT 08:00
2  PRINCIPAL PRE-OP DIAGNOSIS: DEGENERATIVE JOINT DISEASE, L SHOULDER
3  OTHER PREOP DIAGNOSIS: (MULTIPLE)
4  OPERATING ROOM:        OR2
5  SURGERY SPECIALTY:     ORTHOPEDICS
6  MAJOR/MINOR:           MAJOR
7  REQ POSTOP CARE:       WARD
8  CASE SCHEDULE TYPE:    ELECTIVE
9  REQ ANESTHESIA TECHNIQUE: GENERAL
10 PATIENT EDUCATION/ASSESSMENT:
11 CANCEL DATE:
12 CANCEL REASON:
13 CANCELLATION AVOIDABLE:
14 DELAY CAUSE:           (MULTIPLE)
15 VALID ID/CONSENT CONFIRMED BY:

Enter Screen Server Function: 6;10
Major or Minor: J MAJOR
Preoperative Patient Education: Y YES
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY          PAGE 1 OF 3

1  DATE OF OPERATION:      DEC 06, 1999 AT 08:00
2  PRINCIPAL PRE-OP DIAGNOSIS: DEGENERATIVE JOINT DISEASE, L SHOULDER
3  OTHER PREOP DIAGNOSIS: (MULTIPLE)
4  OPERATING ROOM:        OR2
5  SURGERY SPECIALTY:     ORTHOPEDICS
6  MAJOR/MINOR:           MAJOR
7  REQ POSTOP CARE:       WARD
8  CASE SCHEDULE TYPE:    ELECTIVE
9  REQ ANESTHESIA TECHNIQUE: GENERAL
10 PATIENT EDUCATION/ASSESSMENT: YES
11 CANCEL DATE:
12 CANCEL REASON:
13 CANCELLATION AVOIDABLE:
14 DELAY CAUSE:           (MULTIPLE)
15 VALID ID/CONSENT CONFIRMED BY:

Enter Screen Server Function: <Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY          PAGE 2 OF 3

1  MARKED SITE CONFIRMED:
2  PREOPERATIVE IMAGING CONFIRMED:
3  TIME OUT VERIFIED:
4  MARKED SITE COMMENTS: (WORD PROCESSING)
5  IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
6  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
7  ASA CLASS:
8  PREOP MOOD:
9  PREOP CONSCIOUS:
10 PREOP SKIN INTEG:
11 TRANS TO OR BY:
12 PREOP SHAVE BY:
13 SKIN PREPPED BY (1):
14 SKIN PREPPED BY (2):
15 SKIN PREP AGENTS:

Enter Screen Server Function: A
```

```

Mark on Surgical Site Confirmed: YES
Preoperative Imaging Confirmed: YES
Time Out Verification Completed (Y/N): YES// <Enter>
Mark on Surgical Site Comments:
  No existing text
  Edit? NO// <Enter>
Imaging Confirmed Comments:
  No existing text
  Edit? NO// <Enter>
Time Out Verification Comments:
  No existing text
  Edit? NO// <Enter>
ASA Class: 2 2-MILD DISTURB.
Preoperative Mood: ?
  Enter the code corresponding to the preoperative assessment of the
  patient's emotional status upon arrival to the operating room.
  ANSWER WITH PATIENT MOOD NAME, OR CODE
  CHOOSE FROM:
    AGITATED          AG
    ANGRY             ANG
    ANXIOUS          ANX
    APATHETIC        AP
    DEPRESSED        D
    RELAXED          R

Preoperative Mood: ANXIOUS          ANX
Preoperative Consciousness: AO ALERT-ORIENTED          AO
Preoperative Skin Integrity: INTACT          I
Transported to O.R. By: PACU BED
Preoperative Shave By: SACRAMENTO, SHARON
Skin Prepped By: <Enter>
Skin Prepped By (2): <Enter>
Skin Preparation Agent: HIBICLENS          HI

```

```

** STARTUP **      CASE #159  MONTANA,JOHNNY          PAGE 2 OF 3

1  MARKED SITE CONFIRMED: YES
2  PREOPERATIVE IMAGING CONFIRMED: YES
3  TIME OUT VERIFIED:      YES
4  MARKED SITE COMMENTS: (WORD PROCESSING)
5  IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
6  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
7  ASA CLASS:              2-MILD DISTURB.
8  PREOP MOOD:             ANXIOUS
9  PREOP CONSCIOUS:       ALERT-ORIENTED
10 PREOP SKIN INTEG:       INTACT
11 TRANS TO OR BY:        PACU BED
12 PREOP SHAVE BY:        DENVER, DONNA
13 SKIN PREPPED BY (1):
14 SKIN PREPPED BY (2):
15 SKIN PREP AGENTS:      HIBICLENS

Enter Screen Server Function: <Enter>

```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 3 OF 3

1  SECOND SKIN PREP AGENT:
2  SURGERY POSITION:      (MULTIPLE)(DATA)
3  RESTR & POSITION AIDS: (MULTIPLE)(DATA)
4  ELECTROGROUND POSITION:
5  ELECTROGROUND POSITION (2):

Enter Screen Server Function:  A
```

```
Second Skin Preparation Agent: <Enter>
Electroground Placement:  RAT  RIGHT ANT THIGH
Electroground Position (2):<Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 1
      SURGERY POSITION

1  SURGERY POSITION:      SUPINE
2  NEW ENTRY

Enter Screen Server Function:  2
Select SURGERY POSITION:  SEMISUPINE
ARE YOU ADDING 'SEMISUPINE' AS A NEW SURGERY POSITION (THE 2ND FOR THIS SURGERY)? Y  (YES)
SURGERY POSITION: SEMISUPINE// <Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 1
      SURGERY POSITION (SEMISUPINE)

1  SURGERY POSITION:      SEMISUPINE
2  TIME PLACED:

Enter Screen Server Function:  <Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 1 OF 1
      SURGERY POSITION

1  SURGERY POSITION:      SUPINE
2  SURGERY POSITION:      SEMISUPINE
3  NEW ENTRY

Enter Screen Server Function:  <Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 1 OF 1
      RESTR & POSITION AIDS

1  RESTR & POSITION AIDS: SAFETY STRAP
2  NEW ENTRY

Enter Screen Server Function:  2
Select RESTR & POSITION AIDS:  FOAM PADS
RESTR & POSITION AIDS: FOAM PADS// <Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 1 OF 1
      RESTR & POSITION AIDS (FOAM PADS)

1  RESTR & POSITION AIDS: FOAM PADS
2  APPLIED BY:

Enter Screen Server Function:  2
Applied By:  DENVER, DONNA
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 1 OF 1
      RESTR & POSITION AIDS  (FOAM PADS)

1  RESTR & POSITION AIDS: FOAM PADS
2  APPLIED BY:          DENVER,DONNA

Enter Screen Server Function:  <Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 1 OF 1
      RESTR & POSITION AIDS

1  RESTR & POSITION AIDS: SAFETY STRAP
2  RESTR & POSITION AIDS: FOAM PADS
3  NEW ENTRY

Enter Screen Server Function:  <Enter>
```

```
** STARTUP **      CASE #159  MONTANA,JOHNNY      PAGE 3 OF 3

1  SECOND SKIN PREP AGENT:
2  SURGERY POSITION:      (MULTIPLE)(DATA)
3  RESTR & POSITION AIDS: (MULTIPLE)(DATA)
4  ELECTROGROUND POSITION: RIGHT ANT THIGH
5  ELECTROGROUND POSITION (2):

Enter Screen Server Function:
```

## Operation

### [SROMEN-OP]

Surgeons and nurses use the *Operation* option to enter data relating to the operation during or immediately following the actual procedure. It is very important to record the time of the patient's entrance into the hold area and operating room, the time anesthesia is administered, and the operation start time.

Many of the data fields are "multiple fields" and can have more than one value. For example, a patient can have more than one diagnosis or procedure done per operation. When a multiple field is selected, a new screen is generated so that the user can enter data related to that multiple. The up-arrow (^) can be used to exit from any multiple field. Enter a question mark (?) for software- assisted instruction.

### **Field Information**

The following are fields that correspond to the Operation entries.

Field Name	Definition
TIME OPERATION BEGAN	The user should check his or her institution's policy concerning an operation's start time. In some institutions, this may be the time of first incision.



If entering times on a day other than the day of surgery, enter both the date and the time. Entering only a time will default the date to the current date.

---

### Example: Operation Option: Entering Information

Select Operation Menu Option: **O** Operation

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 3

1  TIME PAT IN HOLD AREA:
2  TIME PAT IN OR:
3  MARKED SITE CONFIRMED:
4  PREOPERATIVE IMAGING CONFIRMED:
5  TIME OUT VERIFIED:
6  MARKED SITE COMMENTS: (WORD PROCESSING)
7  IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
8  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
9  ANES CARE START TIME:
10 TIME OPERATION BEGAN:
```

Enter Screen Server Function: **A**

```
Time Patient Arrived in Holding Area: 8:50 (MAR 12, 1999@08:50)
Time Patient In the O.R.: 9:00 (MAR 12, 1999@09:00)
Mark on Surgical Site Confirmed: Y YES
Preoperative Imaging Confirmed: Y YES
Time Out Verification Completed (Y/N): Y YES
Mark on Surgical Site Comments:
  No existing text
  Edit? NO// <Enter>
Imaging Confirmed Comments:
  No existing text
  Edit? NO// <Enter>
Time Out Verification Comments:
  No existing text
  Edit? NO// <Enter>
Anesthesia Care Start Time: 9:10 (MAR 12, 1999@09:10) (MAR 12, 1999@09:10)
Time the Operation Began: 9:20 (MAR 12, 1999@09:20)
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 3

1  TIME PAT IN HOLD AREA: MAR 12, 1999 AT 08:50
2  TIME PAT IN OR:      MAR 12, 1999 AT 09:00
3  MARKED SITE CONFIRMED: YES
4  PREOPERATIVE IMAGING CONFIRMED: YES
5  TIME OUT VERIFIED:  YES
6  MARKED SITE COMMENTS: (WORD PROCESSING)
7  IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
8  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
9  ANES CARE START TIME:  MAR 12, 1999 AT 09:10
10 TIME OPERATION BEGAN:  MAR 12, 1999 AT 09:20
```

Enter Screen Server Function: **<Enter>**

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 2 OF 3

1  SPECIMENS:          (WORD PROCESSING)
2  CULTURES:          (WORD PROCESSING)
3  THERMAL UNIT:      (MULTIPLE)
4  ELECTROCAUTERY UNIT:
5  ESU COAG RANGE:
6  ESU CUTTING RANGE:
7  TIME TOURNIQUET APPLIED: (MULTIPLE)
8  PROSTHESIS INSTALLED: (MULTIPLE)(DATA)
9  REPLACEMENT FLUID TYPE: (MULTIPLE)
10 IRRIGATION:        (MULTIPLE)
11 MEDICATIONS:       (MULTIPLE)
12 SPONGE COUNT CORRECT (Y/N):
13 SHARPS COUNT CORRECT (Y/N):
14 INSTRUMENT COUNT CORRECT (Y/N):
15 SPONGE, SHARPS, & INST COUNTER:

Enter Screen Server Function:  9:10;12:15
```

```
Final Sponge Count Correct (Y/N): Y YES
Final Sharps Count Correct (Y/N): Y YES
Final Instrument Count Correct (Y/N): Y YES
Person Responsible for Final Counts: LANSING,EMILY
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 1
      REPLACEMENT FLUID TYPE

1  NEW ENTRY

Enter Screen Server Function:  1
Select REPLACEMENT FLUID TYPE: RINGERS LACTATED SOLUTION
REPLACEMENT FLUID TYPE: RINGERS LACTATED SOLUTION// <Enter>
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 1
      REPLACEMENT FLUID TYPE (RINGERS LACTATED SOLUTION)

1  REPLACEMENT FLUID TYPE: RINGERS LACTATED SOLUTION
2  QTY OF FLUID (ml):
3  SOURCE ID:
4  VA IDENT:
5  REPLACEMENT FLUID COMMENTS: (WORD PROCESSING)

Enter Screen Server Function:  2;3
Quantity of Fluid (ml): 1000
Source Identification Number: TRAVENOL
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 1
      REPLACEMENT FLUID TYPE (RINGERS LACTATED SOLUTION)

1  REPLACEMENT FLUID TYPE: RINGERS LACTATED SOLUTION
2  QTY OF FLUID (ml):      1000
3  SOURCE ID:              TRAVENOL
4  VA IDENT:
5  REPLACEMENT FLUID COMMENTS: (WORD PROCESSING)

Enter Screen Server Function:  <Enter>
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 1
      REPLACEMENT FLUID TYPE

1  REPLACEMENT FLUID TYPE: RINGERS LACTATED SOLUTION
2  NEW ENTRY

Enter Screen Server Function:  <Enter>
```

```
** OPERATION ** CASE #173 CALIFORNIA,JAMES PAGE 1 OF 1
IRRIGATION

1 NEW ENTRY

Enter Screen Server Function: 1
Select IRRIGATION: NORMAL SALINE
IRRIGATION: NORMAL SALINE// <Enter>
```

```
** OPERATION ** CASE #173 CALIFORNIA,JAMES PAGE 1 OF 1
IRRIGATION (NORMAL SALINE)

1 IRRIGATION: NORMAL SALINE
2 TIME: (MULTIPLE)

Enter Screen Server Function: 2
```

```
** OPERATION ** CASE #173 CALIFORNIA,JAMES PAGE 1
IRRIGATION (NORMAL SALINE)
TIME

1 NEW ENTRY

Enter Screen Server Function: 1
Select TIME: 9:40 MAR 12, 1999@09:40
TIME: MAR 12, 1999@09:40// <Enter>
```

```
** OPERATION ** CASE #173 CALIFORNIA,JAMES PAGE 1
IRRIGATION (NORMAL SALINE)
TIME (2930601.094)

1 TIME: MAR 12, 1999 AT 09:40
2 AMOUNT USED:
3 PROVIDER:

Enter Screen Server Function: 2:3
Amount of Solution Used: 1000
Person Responsible: LANSING,EMILY
```

```
** OPERATION ** CASE #173 CALIFORNIA,JAMES PAGE 1 OF 1
IRRIGATION (NORMAL SALINE)
TIME (2930601.094)

1 TIME: MAR 12, 1999 AT 09:40
2 AMOUNT USED: 1000
3 PROVIDER: LANSING,EMILY

Enter Screen Server Function: <Enter>
```

```
** OPERATION ** CASE #173 CALIFORNIA,JAMES PAGE 1 OF 1
IRRIGATION (NORMAL SALINE)
TIME

1 TIME: MAR 12, 1999 AT 09:40
2 NEW ENTRY

Enter Screen Server Function: <Enter>
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 1
      IRRIGATION (NORMAL SALINE)

1  IRRIGATION:          NORMAL SALINE
2  TIME:                (MULTIPLE)(DATA)

Enter Screen Server Function:  <Enter>
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 1 OF 1
      IRRIGATION

1  IRRIGATION:          NORMAL SALINE
2  NEW ENTRY

Enter Screen Server Function:  <Enter>
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 2 OF 3

1  SPECIMENS:          (WORD PROCESSING)
2  CULTURES:          (WORD PROCESSING)
3  THERMAL UNIT:      (MULTIPLE)
4  ELECTROCAUTERY UNIT:
5  ESU COAG RANGE:
6  ESU CUTTING RANGE:
7  TIME TOURNIQUET APPLIED: (MULTIPLE)
8  PROSTHESIS INSTALLED: (MULTIPLE)(DATA)
9  REPLACEMENT FLUID TYPE: (MULTIPLE) (DATA)
10 IRRIGATION:         (MULTIPLE) (DATA)
11 MEDICATIONS:       (MULTIPLE)
12 SPONGE COUNT CORRECT (Y/N): YES
13 SHARPS COUNT CORRECT (Y/N): YES
14 INSTRUMENT COUNT CORRECT (Y/N): YES
15 SPONGE, SHARPS, & INST COUNTER: LANSING,EMILY

Enter Screen Server Function:  <Enter>
```

```
** OPERATION **      CASE #173 CALIFORNIA,JAMES      PAGE 3 OF 3

1  COUNT VERIFIER:
2  SEQUENTIAL COMPRESSION DEVICE:
3  LASER UNIT:        (MULTIPLE)
4  CELL SAVER:        (MULTIPLE)
5  NURSING CARE COMMENTS: (WORD PROCESSING)
6  PRINCIPAL PRE-OP DIAGNOSIS: CHOLELITHIASIS
7  PRIN DIAGNOSIS CODE: 574.01
8  PRINCIPAL PROCEDURE: CHOLECYSTECTOMY
9  PRINCIPAL PROCEDURE CODE:
10 OTHER PROCEDURES:  (MULTIPLE)
11 INDICATIONS FOR OPERATIONS: (WORD PROCESSING)(DATA)
12 BRIEF CLIN HISTORY: (WORD PROCESSING)

Enter Screen Server Function:  5
```

NURSING CARE COMMENTS:

1>Admitted with prosthesis in place, left eye is artificial eye.  
2>Foam pads applied to elbows and knees. Pillow placed  
3>under knees.  
4><Enter>

EDIT Option: <Enter>

\*\* OPERATION \*\* CASE #173 CALIFORNIA,JAMES PAGE 3 OF 3

1 COUNT VERIFIER:  
2 SEQUENTIAL COMPRESSION DEVICE:  
3 LASER UNIT: (MULTIPLE)  
4 CELL SAVER: (MULTIPLE)  
5 NURSING CARE COMMENTS: (WORD PROCESSING)(DATA)  
6 PRINCIPAL PRE-OP DIAGNOSIS: CHOLELITHIASIS  
7 PRIN DIAGNOSIS CODE: 574.01  
8 PRINCIPAL PROCEDURE: CHOLECYSTECTOMY  
9 PRINCIPAL PROCEDURE CODE:  
10 OTHER PROCEDURES: (MULTIPLE)  
11 INDICATIONS FOR OPERATIONS: (WORD PROCESSING)(DATA)  
12 BRIEF CLIN HISTORY: (WORD PROCESSING)

Enter Screen Server Function:

## Post Operation [SROMEN-POST]

The *Post Operation* option concerns the close of the operation, discharge, and post anesthesia recovery. It is important to enter the operation and anesthesia end times, as well as the time the patient leaves the operation room, as these fields affect many reports.

### Field Information

The following are fields that correspond to the *Post Operation* option entries.

Field Name	Definition
PRINCIPAL POST-OP DIAGNOSIS	The software will automatically default to the diagnosis that was entered at the preoperative stage.
TIME PAT OUT OR	Entry of this field generates an alert notifying the circulating nurse that the Nurse Intraoperative Report is ready for signature.
ANES CARE END TIME	Entry of the this field generates an alert notifying the anesthetist that the Anesthesia Report is ready for signature.

### Example: Post Operation

Select Operation Menu Option: **PO** Post Operation

\*\* POST OPERATION \*\*    CASE #145    HAWAII,LOU    PAGE 1 OF 2

```

1  DRESSING:
2  PACKING:
3  TUBES AND DRAINS:
4  BLOOD LOSS (ML):
5  TOTAL URINE OUTPUT (ML):
6  GASTRIC OUTPUT:
7  WOUND CLASSIFICATION:
8  POSTOP MOOD:
9  POSTOP CONSCIOUS:
10 POSTOP SKIN INTEG:
11 TIME OPERATION ENDS:
12 ANES CARE END TIME:
13 TIME PAT OUT OR:
14 OP DISPOSITION:
15 DISCHARGED VIA:

```

Enter Screen Server Function: **A**

Dressing(s): **TELF**A

Packing Type: **<Enter>**

Tubes and Drains: **PENROSE**

Intraoperative Blood Loss (ml): **200**

Total Urine Output (ml): **600**

Gastric Output (cc's): **150**

Wound Classification: **CC** CLEAN/CONTAMINATED

Postoperative Mood: **RELAXED**                    R

Postoperative Consciousness: **RESTING**                    R

Postoperative Skin Integrity: **INTACT**                    I

Time the Operation Ends: **12:30** (APR 26, 1999@12:30)

Anesthesia Care End Time: **12:40** (APR 26, 1999@12:40)

Time Patient Out of the O.R.: **12:50** (APR 26, 1999@12:50)

Postoperative Disposition: **PACU** (RECOVERY ROOM)                    R

Patient Discharged Via: **PACU** BED

\*\* POST OPERATION \*\* CASE #145 HAWAII,LOU PAGE 1 OF 2

1 DRESSING: TELFA  
2 PACKING:  
3 TUBES AND DRAINS: PENROSE  
4 BLOOD LOSS (ML): 200  
5 TOTAL URINE OUTPUT (ML): 600  
6 GASTRIC OUTPUT: 150  
7 WOUND CLASSIFICATION: CLEAN/CONTAMINATED  
8 POSTOP MOOD: RELAXED  
9 POSTOP CONSCIOUS: RESTING  
10 POSTOP SKIN INTEG: INTACT  
11 TIME OPERATION ENDS: APR 26, 1999 AT 12:30  
12 ANES CARE END TIME: APR 26, 1999 AT 12:40  
13 TIME PAT OUT OR: APR 26, 1999 AT 12:50  
14 OP DISPOSITION: PACU (RECOVERY ROOM)  
15 DISCHARGED VIA: PACU BED

Enter Screen Server Function: <Enter>

\*\* POST OPERATION \*\* CASE #145 HAWAII,LOU PAGE 2 OF 2

1 PRINCIPAL POST-OP DIAG: CHOLELITHIASIS  
2 PRIN DIAGNOSIS CODE:  
3 OTHER POSTOP DIAGS: (MULTIPLE)  
4 PRINCIPAL PROCEDURE: CHOLECYSTECTOMY  
5 PRINCIPAL PROCEDURE CODE: 47480  
6 OTHER PROCEDURES: (MULTIPLE)(DATA)  
7 ATTENDING CODE: LEVEL C: ATTENDING IN O.R., NOT SCRUBBED

Enter Screen Server Function:

## Enter PAC(U) Information [SROMEN-PACU]

Personnel in the Post Anesthesia Care Unit (PACU) use the *Enter PAC(U) Information* option to enter the admission and discharge times and scores.

### Example: Entering PAC(U) Information

Select Operation Menu Option: **PAC** Enter PAC(U) Information

```
** PACU **      CASE #145  HAWAII,LOU                PAGE 1 OF 1

1  ADMIT PAC(U) TIME:
2  PAC(U) ADMIT SCORE:
3  PAC(U) DISCH TIME:
4  PAC(U) DISCH SCORE:

Enter Screen Server Function: 1:4
PAC(U) Admission Time: 13:00 (APR 26, 1999@13:00)
PAC(U) Admission Score: 10
PAC(U) Discharge Date/Time: 14:00 (APR 26, 1999@14:00)
PAC(U) Discharge Score: 10
```

```
** PACU **      CASE #145  HAWAII,LOU                PAGE 1 OF 1

1  ADMIT PAC(U) TIME:      APR 26, 1999 AT 13:00
2  PAC(U) ADMIT SCORE:    10
3  PAC(U) DISCH TIME:     APR 26, 1999 AT 14:00
4  PAC(U) DISCH SCORE:    10

Enter Screen Server Function:
```

## Operation (Short Screen) [SROMEN-OUT]

The *Operation (Short Screen)* option provides a three-page screen of information concerning a surgical procedure performed on a patient. The *Operation (Short Screen)* option allows the nurse or surgeon to easily enter data relating to the operation during, and shortly after, the actual procedure. This time-saving option can replace the *Operation Startup* option, the *Operation* option, and the *Post Operation* option for minor surgeries.

When only one anesthesia technique is entered, the software will assume that it is the principal anesthesia technique for the case. Some data fields may be automatically pre-populated if the case was booked in advance.

### Example: Operation Short Screen

```
Select Operation Menu Option: OSS Operation (Short Screen)
```

```
** SHORT SCREEN **      CASE #186  IDAHO,PETER          PAGE 1 OF 3

1  DATE OF OPERATION:      MAR 09, 1992
2  IN/OUT-PATIENT STATUS: OUTPATIENT
3  SURGEON:                RICHMOND,ARTHUR
4  PRINCIPAL PRE-OP DIAGNOSIS: BENIGN LESIONS ON NOSE
5  PRIN DIAGNOSIS CODE:
6  OTHER PREOP DIAGNOSIS: (MULTIPLE)
7  PRINCIPAL PROCEDURE:    REMOVE FACIAL LESIONS
8  PRINCIPAL PROCEDURE CODE: 17000
9  OTHER PROCEDURES:      (MULTIPLE)
10 TIME PAT IN OR:
11 MARKED SITE CONFIRMED:
12 PREOPERATIVE IMAGING CONFIRMED:
13 TIME OUT VERIFIED:
14 MARKED SITE COMMENTS: (WORD PROCESSING)
15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)

Enter Screen Server Function: 10:13
Time Patient In the O.R.: 13:00 (MAR 09, 1992@13:00)
Mark on Surgical Site Confirmed: Y YES
Preoperative Imaging Confirmed: ?

Enter YES if the imaging data was confirmed, "I" if there was no imaging
required, or "NO" if the image was not viewed.
Choose from:
  Y      YES
  I      IMAGING NOT REQUIRED FOR THIS PROCEDURE
  N      NO - IMAGING REQUIRED BUT NOT VIEWED (see CORRECT SURGERY COMMEN
TS)
Preoperative Imaging Confirmed: I IMAGING NOT REQUIRED FOR THIS PROCEDURE
Time Out Verification Completed (Y/N): Y YES
```

```

** SHORT SCREEN **   CASE #186   IDAHO,PETER           PAGE 1 OF 3

1  DATE OF OPERATION:      MAR 09, 1992 AT 13:00
2  IN/OUT-PATIENT STATUS:  OUTPATIENT
3  SURGEON:                RICHMOND,ARTHUR
4  PRINCIPAL PRE-OP DIAGNOSIS: BENIGN LESIONS ON NOSE
5  PRIN DIAGNOSIS CODE:
6  OTHER PREOP DIAGNOSIS: (MULTIPLE)
7  PRINCIPAL PROCEDURE:    REMOVE FACIAL LESIONS
8  PRINCIPAL PROCEDURE CODE: 17000
9  OTHER PROCEDURES:      (MULTIPLE)
10 TIME PAT IN OR:        MAR 09, 1992 AT 13:00
11 MARKED SITE CONFIRMED: YES
12 PREOPERATIVE IMAGING CONFIRMED: IMAGING NOT REQUIRED FOR THIS PROCEDURE
13 TIME OUT VERIFIED      YES
14 MARKED SITE COMMENTS: (WORD PROCESSING)
15 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)

Enter Screen Server Function:  <Enter>

```

```

** SHORT SCREEN **   CASE #186   IDAHO,PETER           PAGE 2 OF 3

1  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
2  TIME OPERATION BEGAN:
3  TIME OPERATION ENDS:
4  TIME PAT OUT OR:
5  IV STARTED BY:
6  OR CIRC SUPPORT:        (MULTIPLE)
7  OR SCRUB SUPPORT:      (MULTIPLE)
8  OPERATING ROOM:        OR3
9  FIRST ASST:            LANSING,EMILY
10 SPONGE COUNT CORRECT (Y/N):
11 SHARPS COUNT CORRECT (Y/N):
12 INSTRUMENT COUNT CORRECT (Y/N):
13 SPONGE, SHARPS, & INST COUNTER:
14 COUNT VERIFIER:
15 SURGERY SPECIALTY:     PLASTIC SURGERY (INCLUDES HEAD AND NECK)

Enter Screen Server Function:  2:4
Time the Operation Began: 13:10 (MAR 09, 1992@13:10)
Time the Operation Ends: 13:36 (MAR 09, 1992@13:36)
Time Patient Out of the O.R.: 13:40 (MAR 09, 1992@13:40)

```

```

** SHORT SCREEN **   CASE #186   IDAHO,PETER           PAGE 2 OF 3

1  TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
2  TIME OPERATION BEGAN:    MAR 09, 1992 AT 13:10
3  TIME OPERATION ENDS:    MAR 09, 1992 AT 13:36
4  TIME PAT OUT OR:        MAR 09, 1992 AT 13:40
5  IV STARTED BY:
6  OR CIRC SUPPORT:        (MULTIPLE)
7  OR SCRUB SUPPORT:      (MULTIPLE)
8  OPERATING ROOM:        OR3
9  FIRST ASST:            LANSING,EMILY
10 SPONGE COUNT CORRECT (Y/N):
11 SHARPS COUNT CORRECT (Y/N):
12 INSTRUMENT COUNT CORRECT (Y/N):
13 SPONGE, SHARPS, & INST COUNTER:
14 COUNT VERIFIER:
15 SURGERY SPECIALTY:     PLASTIC SURGERY (INCLUDES HEAD AND NECK)

Enter Screen Server Function:  <Enter>

```

```

** SHORT SCREEN **      CASE #186  IDAHO,PETER      PAGE 3 OF 3

1  WOUND CLASSIFICATION:
2  ATTEND SURG:          TULSA,LARRY
3  ATTENDING CODE:
4  SPECIMENS:            (WORD PROCESSING)
5  CULTURES:             (WORD PROCESSING)
6  NURSING CARE COMMENTS: (WORD PROCESSING)
7  ASA CLASS:
8  PRINC ANESTHETIST:    RICHMOND,ARTHUR
9  ANESTHESIA TECHNIQUE: (MULTIPLE)
10 ANES CARE START TIME:
11 ANES CARE END TIME:
12 DELAY CAUSE:          (MULTIPLE)
13 CANCEL DATE:
14 CANCEL REASON:

Enter Screen Server Function: 3;6
Attending Code: A  LEVEL A: ATTENDING DOING THE OPERATION
Nursing Care Comments:
  1>PATIENT ARRIVED AMBULATORY FROM AMBULATORY
  2>SURGERY UNIT. DISCHARGED VIA WHEELCHAIR, AWAKE,
  3>ALERT, ORIENTED.
  4><Enter>
EDIT Option: <Enter>

```

```

** SHORT SCREEN **      CASE #186  IDAHO,PETER      PAGE 3 OF 3

1  WOUND CLASSIFICATION:
2  ATTEND SURG:          TULSA,LARRY
3  ATTENDING CODE:      LEVEL A: ATTENDING DOING THE OPERATION
4  SPECIMENS:            (WORD PROCESSING)
5  CULTURES:             (WORD PROCESSING)
6  NURSING CARE COMMENTS: (WORD PROCESSING) (DATA)
7  ASA CLASS:
8  PRINC ANESTHETIST:    RICHMOND,ARTHUR
9  ANESTHESIA TECHNIQUE: (MULTIPLE)
10 ANES CARE START TIME:
11 ANES CARE END TIME:
12 DELAY CAUSE:          (MULTIPLE)
13 CANCEL DATE:
14 CANCEL REASON:

Enter Screen Server Function:

```

## **Nurse Intraoperative Report - Before Electronic Signature**

Upon selecting the *Nurse Intraoperative Report* option, if the Nurse Intraoperative Report is not signed, the report will begin displaying on the screen. The Nurse Intraoperative Report displays key fields on the first page. Several of these fields are required before the software will allow the user to electronically sign the report. If any required fields are left blank, a warning will appear prompting the user to provide the missing information.

The Nurse Intraoperative Report must have the TIME PAT IN OR field and the TIME PAT OUT OR field entered prior to electronic signature. The MARKED SITE CONFIRMED, TIME OUT VERIFIED, and PREOPERATIVE IMAGING CONFIRMED fields are also required before this report can be electronically signed. Additionally, if the COUNT VERIFIER field has been entered, the SPONGE COUNT CORRECT (Y/N) field, SHARPS COUNT CORRECT (Y/N) field, INSTRUMENT COUNT CORRECT (Y/N) field, and the SPONGE, SHARPS, & INST COUNTER field will also be required before the Nurse Intraoperative Report can be electronically signed.



Entering the TIME PAT OUT OR field triggers an alert that is sent to the nurse responsible for signing the report. By acting on the alert, the nurse accesses the *Nurse Intraoperative Report* option to electronically sign the report.

At the bottom of the first screen is the prompt, "Press <return> to continue, 'A' to access Nurse Intraoperative Report functions or '^' to exit:". The *Nurse Intraoperative Report* functions, accessed by entering **A** at the prompt, allow the user to edit the report, to view or print the report, or to electronically sign the report.

### **Example: First page of the Nurse Intraoperative Report**

Select Operation Menu Option: **NR** Nurse Intraoperative Report

```

MEDICAL RECORD          FLORIDA,FRANK (123-45-6789)
                          NURSE INTRAOPERATIVE REPORT - CASE #267226          PAGE 1
Operating Room:  WX OR3          Surgical Priority: ELECTIVE
Patient in Hold:  JUL 12, 2004  07:30    Patient in OR:   JUL 12, 2004  08:00
Operation Begin:  JUL 12, 2004  08:58    Operation End:   JUL 12, 2004  12:10
Surgeon in OR:   JUL 12, 2004  07:55    Patient Out OR:  JUL 12, 2004  12:45

Major Operations Performed:
Primary: MVR

Wound Classification: CLEAN
Operation Disposition: SICU
Discharged Via: ICU BED

Press <return> to continue, 'A' to access Nurse Intraoperative Report
functions, or '^' to exit: A
```

After the user enters an **A** at the prompt, the *Nurse Intraoperative Report* functions are displayed. The following examples demonstrate how these three functions are accessed and how they operate. If the user enters a **1**, the Nurse Intraoperative Report data can be edited.

### Example: Editing the Nurse Intraoperative Report

```
FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004
```

```
Nurse Intraoperative Report Functions:
```

1. Edit report information
2. Print/View report from beginning
3. Sign the report electronically

```
Select number: 2// 1
```

```
** NURSE INTRAOP ** CASE #267226 FLORIDA,FRANK PAGE 1 OF 5
```

```
1 SPONGE COUNT CORRECT (Y/N):
2 SHARPS COUNT CORRECT (Y/N): YES
3 INSTRUMENT COUNT CORRECT (Y/N): NOT APPLICABLE
4 SPONGE, SHARPS, & INST COUNTER: PELHAM,STEVE
5 COUNT VERIFIER: LANSING,MARY
6 TIME PAT IN HOLD AREA: JUL 12, 2004 AT 07:30
7 TIME PAT IN OR: JUL 12, 2004 AT 08:00
8 MARKED SITE CONFIRMED: YES
9 PREOPERATIVE IMAGING CONFIRMED: YES
10 TIME OUT VERIFIED: YES
11 MARKED SITE COMMENTS: (WORD PROCESSING)
12 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
13 TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
14 TIME OPERATION BEGAN: JUL 12, 2004 AT 08:58
15 TIME OPERATION ENDS: JUL 12, 2004 AT 12:10
```

```
Enter Screen Server Function: <Enter>
```

```
** NURSE INTRAOP ** CASE #267226 FLORIDA,FRANK PAGE 2 OF 5
```

```
1 SURG PRESENT TIME: JUL 12, 2004 AT 07:55
2 TIME PAT OUT OR: JUL 12, 2004 AT 12:45
3 PRINCIPAL PROCEDURE: MVR
4 OTHER PROCEDURES: (MULTIPLE)
5 WOUND CLASSIFICATION: CLEAN
6 OP DISPOSITION: SICU
7 MAJOR/MINOR:
8 OPERATING ROOM: WX OR3
9 CASE SCHEDULE TYPE: ELECTIVE
10 SURGEON: SPRINGFIELD,JACK
11 ATTEND SURG: SPRINGFIELD,JACK
12 FIRST ASST: TAMPA,KAREN
13 SECOND ASST:
14 PRINC ANESTHETIST: ATHENS,DEBBIE
15 ASST ANESTHETIST:
```

```
Enter Screen Server Function: 5
```

```
Wound Classification: CLEAN// CONTAMINATED CONTAMINATED
```

\*\* NURSE INTRAOP \*\* CASE #267226 FLORIDA,FRANK PAGE 2 OF 5

```
1  SURG PRESENT TIME:  JUL 12, 2004 AT 07:55
2  TIME PAT OUT OR:    JUL 12, 2004 AT 12:45
3  PRINCIPAL PROCEDURE: MVR
4  OTHER PROCEDURES:  (MULTIPLE)
5  WOUND CLASSIFICATION: CONTAMINATED
6  OP DISPOSITION:    SICU
7  MAJOR/MINOR:
8  OPERATING ROOM:    WX OR3
9  CASE SCHEDULE TYPE: ELECTIVE
10 SURGEON:            SPRINGFIELD,JACK
11 ATTEND SURG:       SPRINGFIELD,JACK
12 FIRST ASST:       TAMPA,KAREN
13 SECOND ASST:
14 PRINC ANESTHETIST: ATHENS,DEBBIE
15 ASST ANESTHETIST:
```

Enter Screen Server Function: ^

At the *Nurse Intraoperative Report* functions, the report can be printed if the user enters a **2**.

### Example: Printing the Nurse Intraoperative Report

FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004

Nurse Intraoperative Report Functions:

1. Edit report information
2. Print/View report from beginning
3. Sign the report electronically

Select number: 2// <Enter>

-----printout follows-----

-----  
FLORIDA,FRANK 123-45-6789

NURSE INTRAOPERATIVE REPORT  
-----

NOTE DATED: 07/12/2004 08:00 NURSE INTRAOPERATIVE REPORT

SUBJECT: Case #: 267226

Operating Room: WX OR3 Surgical Priority: ELECTIVE

Patient in Hold: JUL 12, 2004 07:30 Patient in OR: JUL 12, 2004 08:00  
Operation Begin: JUL 12, 2004 08:58 Operation End: JUL 12, 2004 12:10  
Surgeon in OR: JUL 12, 2004 07:55 Patient Out OR: JUL 12, 2004 12:45

Major Operations Performed:  
Primary: MVR

Wound Classification: CONTAMINATED  
Operation Disposition: SICU  
Discharged Via: ICU BED

Surgeon: SPRINGFIELD,JACK First Assist: TAMPA,KAREN  
Attend Surg: SPRINGFIELD,JACK Second Assist: N/A  
Anesthetist: ATHENS,DEBBIE Assistant Anesth: N/A

Other Scrubbed Assistants: N/A

OR Support Personnel:  
Scrubbed Circulating  
HARRISBURG,HENRY (FULLY TRAINED) LANSING,MARY (FULLY TRAINED)  
PELHAM,STEVE (FULLY TRAINED)

Other Persons in OR: N/A

Preop Mood: ANXIOUS Preop Consc: ALERT-ORIENTED  
Preop Skin Integ: INTACT Preop Converse: N/A

Valid Consent/ID Band Confirmed By: TAMPA,KAREN  
Mark on Surgical Site Confirmed: YES  
Marked Site Comments: NO COMMENTS ENTERED

Preoperative Imaging Confirmed: YES  
Imaging Confirmed Comments: NO COMMENTS ENTERED

Time Out Verification Completed: YES  
Time Out Verified Comments: NO COMMENTS ENTERED

Skin Prep By: PELHAM,STEVE Skin Prep Agent: BETADINE SCRUB  
Skin Prep By (2): LANSING,MARY 2nd Skin Prep Agent: POVIDONE IODINE  
Preop Shave By: PELHAM,STEVE

Surgery Position(s):  
SUPINE Placed: N/A

Restraints and Position Aids:  
SAFETY STRAP Applied By: N/A  
ARMBOARD Applied By: N/A  
FOAM PADS Applied By: N/A  
KODEL PAD Applied By: N/A  
STIRRUPS Applied By: N/A

Electrocautery Unit: 8845,5512  
ESU Coagulation Range: 50-35  
ESU Cutting Range: 35-35  
Electroground Position(s): RIGHT BUTTOCK  
LEFT BUTTOCK

Material Sent to Laboratory for Analysis:  
Specimens:  
1. MITRAL VALVE  
Cultures: N/A

Anesthesia Technique(s):  
GENERAL (PRINCIPAL)

Tubes and Drains:  
#16FOLEY, #18NGTUBE, #36 &2 #32RA CHEST TUBES

Tourniquet: N/A

Thermal Unit: N/A

Prosthesis Installed:

Item: MITRAL VALVE  
Vendor: BAXTER EDWARDS  
Model: 6900  
Lot/Serial Number: GY0755  
Size: 29MM

Sterile Resp: MANUFACTURER  
Quantity: 1

Medications: N/A

Irrigation Solution(s):

HEPARINIZED SALINE  
NORMAL SALINE  
COLD SALINE

Blood Replacement Fluids: N/A

Sponge Count:  
Sharps Count: YES  
Instrument Count: NOT APPLICABLE  
Counter: PELHAM,STEVE  
Counts Verified By: LANSING,MARY

Dressing: DSD, PAPER TAPE, MEPORE  
Packing: NONE

Blood Loss: 800 ml                      Urine Output: 750 ml

Postoperative Mood: RELAXED  
Postoperative Consciousness: ANESTHETIZED  
Postoperative Skin Integrity: SUTURED INCISION  
Postoperative Skin Color: N/A

Laser Unit(s): N/A

Sequential Compression Device: NO

Cell Saver(s): N/A

Devices: N/A

Nursing Care Comments:

PATIENT STATES HE IS ALLERGIC TO PCN. ALL WRVAMC INTRAOPERATIVE NURSING STANDARDS WERE MONITORED THROUGHOUT THE PROCEDURE. VANCYMYCIN PASTE WAS APPLIED TO STERNUM.

To electronically sign the report, the user enters a **3** at the *Nurse Intraoperative Report* functions prompt.

### Example: Signing the Nurse Intraoperative Report

```
FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004
```

```
Nurse Intraoperative Report Functions:
```

1. Edit report information
2. Print/View report from beginning
3. Sign the report electronically

```
Select number: 2// 3
```



The Nurse Intraoperative Report may only be signed by a circulating nurse on the case. At the time of electronic signature, the software checks for data in key fields. The nurse will not be able to sign the report if the TIME PATIENT IN OR field and the TIME PATIENT OUT OF OR fields are not entered. The MARKED SITE CONFIRMED, TIME OUT VERIFIED, and PREOPERATIVE IMAGING CONFIRMED fields are also required before this report can be electronically signed. Also, if the COUNT VERIFIER field is entered, the other counts related fields must be populated. These count fields include the following:

```
SPONGE COUNT CORRECT
SHARPS COUNT CORRECT (Y/N)
INSTRUMENT COUNT CORRECT (Y/N)
SPONGE, SHARPS, & INST COUNTER
```

If any of the key fields are missing, the software will require them to be entered prior to signature. In the following example, the final sponge count must be entered before the nurse is allowed to electronically sign the report.

### Example: Missing Field Warning

```
The following information is required before this report may be signed:
```

```
Final Sponge Count Correct (Y/N)
```

```
Do you want to enter this information? YES// YES
```

```
** NURSE INTRAOP ** CASE #267226 FLORIDA,FRANK PAGE 1 OF 5
```

```
1 SPONGE COUNT CORRECT (Y/N):
2 SHARPS COUNT CORRECT (Y/N): YES
3 INSTRUMENT COUNT CORRECT (Y/N): NOT APPLICABLE
4 SPONGE, SHARPS, & INST COUNTER: PELHAM,STEVE
5 COUNT VERIFIER: LANSING,MARY
6 TIME PAT IN HOLD AREA: JUL 12, 2004 AT 07:30
7 TIME PAT IN OR: JUL 12, 2004 AT 08:00
8 MARKED SITE CONFIRMED: YES
9 PREOPERATIVE IMAGING CONFIRMED: YES
10 TIME OUT VERIFIED: YES
11 MARKED SITE COMMENTS: (WORD PROCESSING)
12 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
13 TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
14 TIME OPERATION BEGAN: JUL 12, 2004 AT 08:58
15 TIME OPERATION ENDS: JUL 12, 2004 AT 12:10
```

```
Enter Screen Server Function: 1
Final Sponge Count Correct (Y/N): Y YES
```

\*\* NURSE INTRAOP \*\* CASE #267226 FLORIDA,FRANK PAGE 1 OF 5

1 SPONGE COUNT CORRECT (Y/N): YES  
2 SHARPS COUNT CORRECT (Y/N): YES  
3 INSTRUMENT COUNT CORRECT (Y/N): NOT APPLICABLE  
4 SPONGE, SHARPS, & INST COUNTER: PELHAM,STEVE  
5 COUNT VERIFIER: LANSING,MARY  
6 TIME PAT IN HOLD AREA: JUL 12, 2004 AT 07:30  
7 TIME PAT IN OR: JUL 12, 2004 AT 08:00  
8 MARKED SITE CONFIRMED: YES  
9 PREOPERATIVE IMAGING CONFIRMED: YES  
10 TIME OUT VERIFIED: YES  
11 MARKED SITE COMMENTS: (WORD PROCESSING)  
12 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)  
13 TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)  
14 TIME OPERATION BEGAN: JUL 12, 2004 AT 08:58  
15 TIME OPERATION ENDS: JUL 12, 2004 AT 12:10

Enter Screen Server Function: ^



If any of the correct surgery fields – MARKED SITE CONFIRMED, PREOPERATIVE IMAGING CONFIRMED, and TIME OUT VERIFIED – are answered with “NO”, then the user is prompted to enter information in the respective comments field. Entry in the comments field is required, in such cases where “NO” has been entered, before the user can electronically sign the Nurse Intraoperative Report.

FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004

Nurse Intraoperative Report Functions:

1. Edit report information
2. Print/View report from beginning
3. Sign the report electronically

Select number: 2// 3 Sign the report electronically

Enter your Current Signature Code: **XXX** SIGNATURE VERIFIED

Press RETURN to continue... <Enter>

When typing the electronic signature code, no characters will display on screen.

FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004

\* \* The Nurse Intraoperative Report has been electronically signed. \* \*

Nurse Intraoperative Report Functions:

1. Edit report information
2. Print/View report from beginning

Select number: 2// ^

## Nurse Intraoperative Report - After Electronic Signature

After the report has been signed, any changes to the report will require a signed addendum.

### Example: Editing the Signed Nurse Intraoperative Report

```
FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004
* * The Nurse Intraoperative Report has been electronically signed. * *
Nurse Intraoperative Report Functions:
1. Edit report information
2. Print/View report from beginning
Select number: 2// 1 Edit report information
```



If the Anesthesia Report and/or the Nurse Intraoperative Report is already signed, the following warning will be displayed. If any data on either signed report is edited, an addendum to the Anesthesia Report and/or to the Nurse Intraoperative Report will be required.

```
FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004
>>> WARNING <<<
Electronically signed reports are associated with this case. Editing
of data that appear on electronically signed reports will require the
creation of addenda to the signed reports.
Enter RETURN to continue or '^' to exit: <Enter>
```

First, the user makes the edits to the desired field.

```
** NURSE INTRAOOP ** CASE #267226 FLORIDA,FRANK PAGE 1 OF 5
1 SPONGE COUNT CORRECT (Y/N): YES
2 SHARPS COUNT CORRECT (Y/N): YES
3 INSTRUMENT COUNT CORRECT (Y/N): NOT APPLICABLE
4 SPONGE, SHARPS, & INST COUNTER: PELHAM,STEVE
5 COUNT VERIFIER: LANSING,MARY
6 TIME PAT IN HOLD AREA: JUL 12, 2004 AT 07:30
7 TIME PAT IN OR: JUL 12, 2004 AT 08:00
8 MARKED SITE CONFIRMED: YES
9 PREOPERATIVE IMAGING CONFIRMED: YES
10 TIME OUT VERIFIED: YES
11 MARKED SITE COMMENTS: (WORD PROCESSING)
12 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)
13 TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)
14 TIME OPERATION BEGAN: JUL 12, 2004 AT 08:58
15 TIME OPERATION ENDS: JUL 12, 2004 AT 12:10
Enter Screen Server Function: 15
Time the Operation Ends: JUL 12, 2004@12:10// 1230 (JUL 12, 2004@12:30)
```

\*\* NURSE INTRAOP \*\* CASE #267226 FLORIDA,FRANK PAGE 1 OF 5

1 SPONGE COUNT CORRECT (Y/N): YES  
2 SHARPS COUNT CORRECT (Y/N): YES  
3 INSTRUMENT COUNT CORRECT (Y/N): NOT APPLICABLE  
4 SPONGE, SHARPS, & INST COUNTER: PELHAM,STEVE  
5 COUNT VERIFIER: LANSING,MARY  
6 TIME PAT IN HOLD AREA: JUL 12, 2004 AT 07:30  
7 TIME PAT IN OR: JUL 12, 2004 AT 08:00  
8 MARKED SITE CONFIRMED: YES  
9 PREOPERATIVE IMAGING CONFIRMED: YES  
10 TIME OUT VERIFIED: YES  
11 MARKED SITE COMMENTS: (WORD PROCESSING)  
12 IMAGING CONFIRMED COMMENTS: (WORD PROCESSING)  
13 TIME OUT VERIFIED COMMENTS: (WORD PROCESSING)  
14 TIME OPERATION BEGAN: JUL 12, 2004 AT 08:58  
15 TIME OPERATION ENDS: JUL 12, 2004 AT 12:30

Enter Screen Server Function: <Enter>

An addendum is required before the edit can be made to the signed report.

FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004

An addendum to each of the following electronically signed document(s) is required:

Nurse Intraoperative Report - Case #267226

If you choose not to create an addendum, the original data will be restored to the modified fields appearing on the signed reports.

Create addendum? YES// <Enter>

Addendum for Case #267226 - JUL 12,2004  
Patient: FLORIDA,FRANK (123-45-6789)

-----  
The Time the Operation Ends field was changed  
from JUL 12, 2004@12:10  
to JUL 12, 2004@12:30

Enter RETURN to continue or '^' to exit: <Enter>

Before the addendum is signed, comments may be added.

### Example: Signing the Addendum

Comment: OPERATION END TIME WAS CORRECTED.

Addendum for Case #267226 - JUL 12,2004  
Patient: FLORIDA,FRANK (123-45-6789)

-----  
The Time the Operation Ends field was changed  
from JUL 12, 2004@12:10  
to JUL 12, 2004@12:30

Addendum Comment: OPERATION END TIME WAS CORRECTED.

Enter RETURN to continue or '^' to exit:

Enter your Current Signature Code: **xxx** SIGNATURE VERIFIED..

Press RETURN to continue... <Enter>

When typing the electronic signature code, no characters will display on screen.

### Example: Printing the Nurse Intraoperative Report

FLORIDA,FRANK (123-45-6789) Case #267226 - JUL 12, 2004

\* \* The Nurse Intraoperative Report has been electronically signed. \* \*

Nurse Intraoperative Report Functions:

1. Edit report information
2. Print/View report from beginning

Select number: 2// **2** Print/View report from beginning

Do you want WORK copies or CHART copies? WORK// **<Enter>**

DEVICE: HOME// **[Select Print Device]**

-----*printout follows*-----

-----  
FLORIDA,FRANK 123-45-6789

NURSE INTRAOPERATIVE REPORT  
-----

NOTE DATED: 07/12/2004 08:00 NURSE INTRAOPERATIVE REPORT

SUBJECT: Case #: 267226

Operating Room: WX OR3 Surgical Priority: ELECTIVE

Patient in Hold: JUL 12, 2004 07:30 Patient in OR: JUL 12, 2004 08:00  
Operation Begin: JUL 12, 2004 08:58 Operation End: JUL 12, 2004 12:30  
Surgeon in OR: JUL 12, 2004 07:55 Patient Out OR: JUL 12, 2004 12:45

Major Operations Performed:  
Primary: MVR

Wound Classification: CONTAMINATED  
Operation Disposition: SICU  
Discharged Via: ICU BED

Surgeon: SPRINGFIELD,JACK First Assist: TAMPA,KAREN  
Attend Surg: SPRINGFIELD,JACK Second Assist: N/A  
Anesthetist: ATHENS,DEBBIE Assistant Anesth: N/A

Other Scrubbed Assistants: N/A

OR Support Personnel:  
Scrubbed Circulating  
HARRISBURG,HENRY (FULLY TRAINED) LANSING,MARY (FULLY TRAINED)  
PELHAM,STEVE (FULLY TRAINED)

Other Persons in OR: N/A

Preop Mood: ANXIOUS Preop Consc: ALERT-ORIENTED  
Preop Skin Integ: INTACT Preop Converse: N/A

Valid Consent/ID Band Confirmed By: TAMPA,KAREN  
Mark on Surgical Site Confirmed: YES  
Marked Site Comments: NO COMMENTS ENTERED

Preoperative Imaging Confirmed: YES  
Imaging Confirmed Comments: NO COMMENTS ENTERED

Time Out Verification Completed: YES  
Time Out Verified Comments: NO COMMENTS ENTERED

Skin Prep By: PELHAM,STEVE Skin Prep Agent: BETADINE SCRUB  
Skin Prep By (2): LANSING,MARY 2nd Skin Prep Agent: POVIDONE IODINE  
Preop Shave By: PELHAM,STEVE

Surgery Position(s):  
SUPINE Placed: N/A

Restraints and Position Aids:  
SAFETY STRAP Applied By: N/A  
ARMBOARD Applied By: N/A  
FOAM PADS Applied By: N/A  
KODEL PAD Applied By: N/A  
STIRRUPS Applied By: N/A

Electrocautery Unit: 8845,5512  
ESU Coagulation Range: 50-35  
ESU Cutting Range: 35-35  
Electroground Position(s): RIGHT BUTTOCK  
LEFT BUTTOCK

Material Sent to Laboratory for Analysis:  
Specimens:  
1. MITRAL VALVE  
Cultures: N/A

Anesthesia Technique(s):  
GENERAL (PRINCIPAL)

Tubes and Drains:  
#16FOLEY, #18NGTUBE, #36 &2 #32RA CHEST TUBES

Tourniquet: N/A

Thermal Unit: N/A

Prosthesis Installed:

Item: MITRAL VALVE  
Vendor: BAXTER EDWARDS  
Model: 6900  
Lot/Serial Number: GY0755  
Size: 29MM

Sterile Resp: MANUFACTURER  
Quantity: 1

Medications: N/A

Irrigation Solution(s):

HEPARINIZED SALINE  
NORMAL SALINE  
COLD SALINE

Blood Replacement Fluids: N/A

Sponge Count: YES  
Sharps Count: YES  
Instrument Count: NOT APPLICABLE  
Counter: PELHAM,STEVE  
Counts Verified By: LANSING,MARY

Dressing: DSD, PAPER TAPE, MEPORE  
Packing: NONE

Blood Loss: 800 ml                      Urine Output: 750 ml

Postoperative Mood: RELAXED  
Postoperative Consciousness: ANESTHETIZED  
Postoperative Skin Integrity: SUTURED INCISION  
Postoperative Skin Color: N/A

Laser Unit(s): N/A

Sequential Compression Device: NO

Cell Saver(s): N/A

Devices: N/A

Nursing Care Comments:

PATIENT STATES HE IS ALLERGIC TO PCN. ALL WRVAMC INTRAOPERATIVE NURSING  
STANDARDS WERE MONITORED THROUGHOUT THE PROCEDURE. VANCYMYCIN PASTE WAS  
APPLIED TO STERNUM.

Signed by: /es/ MARY A LANSING  
03/04/2002 10:41

04/17/2002 16:42              ADDENDUM

The Time the Operation Ends field was changed  
from JUL 12, 2004@12:10  
to JUL 12, 2004@12:30

Addendum Comment: OPERATION END TIME WAS CORRECTED.

Signed by: /es/ MARY A LANSING  
07/17/2004 16:42

## **Nurse Intraoperative Report** **[SRCODING NURSE REPORT]**

The *Nurse Intraoperative Report* option is used by the coders to print the Nurse Intraoperative Report for an operation. This report is not available for non-O.R. procedures.

This report prints in an 80-column format and can be viewed on the screen or copied to a printer.

### **Example: Nurse Intraoperative Report**

```
Select CPT/ICD9 Update/Verify Menu Option: NR Nurse Intraoperative Report  
DEVICE: [Select Print Device]
```

-----*printout follows*-----

-----  
FLORIDA,FRANK 123-45-6789

NURSE INTRAOPERATIVE REPORT  
-----

NOTE DATED: 02/12/2002 08:00 NURSE INTRAOPERATIVE REPORT

SUBJECT: Case #: 267226

Operating Room: WX OR3

Surgical Priority: ELECTIVE

Patient in Hold: JUL 12, 2004 07:30 Patient in OR: JUL 12, 2004 08:00  
Operation Begin: JUL 12, 2004 08:58 Operation End: JUL 12, 2004 12:10  
Surgeon in OR: JUL 12, 2004 07:55 Patient Out OR: JUL 12, 2004 12:15

Major Operations Performed:

Primary: MVR

CPT Code: 33430 REPLAC MITRAL VALV W/CP BYPA

Other: ATRIAL SEPTAL DEFECT REPAIR

CPT Code: 33641 REPR ATRIAL SEPTAL DEFECT W/

Other: TEE

CPT Code: 76986 US GUID INTRAOPERATIVE

Wound Classification: CONTAMINATED

Operation Disposition: SICU

Discharged Via: ICU BED

Surgeon: SPRINGFIELD,JACK  
Attend Surg: SPRINGFIELD,JACK  
Anesthetist: ATHENS,DEBBIE

First Assist: TAMPA,KAREN  
Second Assist: N/A  
Assistant Anesth: N/A

Other Scrubbed Assistants: N/A

OR Support Personnel:

Scrubbed

HARRISBURG,HENRY (FULLY TRAINED)

Circulating

LANSING,MARY (FULLY TRAINED)

PELHAM,STEVE (FULLY TRAINED)

Other Persons in OR: N/A

Preop Mood: ANXIOUS  
Preop Skin Integ: INTACT

Preop Consc: ALERT-ORIENTED  
Preop Converse: N/A

Valid Consent/ID Band Confirmed By: TAMPA,KAREN

Mark on Surgical Site Confirmed: YES

Marked Site Comments: NO COMMENTS ENTERED

Preoperative Imaging Confirmed: YES

Imaging Confirmed Comments: NO COMMENTS ENTERED

Time Out Verification Completed: YES

Time Out Verified Comments: NO COMMENTS ENTERED

Skin Prep By: PELHAM,STEVE  
Skin Prep By (2): LANSING,MARY  
Preop Shave By: PELHAM,STEVE

Skin Prep Agent: BETADINE SCRUB  
2nd Skin Prep Agent: POVIDONE IODINE

Surgery Position(s):

SUPINE

Placed: N/A

Restraints and Position Aids:

SAFETY STRAP

Applied By: N/A

ARMBOARD

Applied By: N/A

FOAM PADS

Applied By: N/A

KODEL PAD

Applied By: N/A

STIRRUPS

Applied By: N/A

Electrocautery Unit: 8845,5512

ESU Coagulation Range: 50-35

Enter RETURN to continue or '^' to exit:

ESU Cutting Range: 35-35  
Electroground Position(s): RIGHT BUTTOCK  
LEFT BUTTOCK

Material Sent to Laboratory for Analysis:  
Specimens:  
1. MITRAL VALVE  
Cultures: N/A

Anesthesia Technique(s):  
GENERAL (PRINCIPAL)

Tubes and Drains:  
#16FOLEY, #18NGTUBE, #36 &2 #32RA CHEST TUBES

Tourniquet: N/A

Thermal Unit: N/A

Prosthesis Installed:  
Item: MITRAL VALVE  
Vendor: BAXTER EDWARDS  
Model: 6900  
Lot/Serial Number: GY0755  
Size: 29MM  
Sterile Resp: MANUFACTURER  
Quantity: 1

Medications: N/A

Irrigation Solution(s):  
HEPARINIZED SALINE  
NORMAL SALINE  
COLD SALINE

Blood Replacement Fluids: N/A

Sponge Count: YES  
Sharps Count: YES  
Instrument Count: NOT APPLICABLE  
Counter: PELHAM,STEVE  
Counts Verified By: LANSING,MARY

Dressing: DSD, PAPER TAPE, MEPORE  
Packing: NONE

Blood Loss: 800 ml  
Urine Output: 750 ml

Postoperative Mood: RELAXED  
Postoperative Consciousness: ANESTHETIZED  
Postoperative Skin Integrity: SUTURED INCISION  
Postoperative Skin Color: N/A

Laser Unit(s): N/A

Sequential Compression Device: NO

Cell Saver(s): N/A

Devices: N/A

Signed by: /es/ MARY A LANSING  
03/04/2002 10:41

## Cumulative Report of CPT Codes [SROACCT]

The *Cumulative Report of CPT Codes* option counts and reports the number of times a procedure was performed (based on CPT codes) during a specified date range. There is also a column showing how many times it was in the Other Operative Procedure category.

After the user enters the date range, the software will ask if the user wants the Cumulative Report of CPT Codes to include only operating room surgical procedures, non-O.R. procedures, or both.

These reports have a 132-column format and are designed to be copied to a printer.

### Example 1: Print the Cumulative Report of CPT Codes for only OR Surgical Procedures

```
Select CPT/ICD9 Coding Menu Option: C Cumulative Report of CPT Codes
```

```
Cumulative Report of CPT Codes
```

```
Start with Date: 3/28 (MAR 28, 1999)
End with Date: 4/3 (APR 03, 1999)
```

```
Include which cases on the Cumulative Report of CPT Codes ?
```

1. OR Surgical Procedures
2. Non-OR Procedures
3. Both OR Surgical Procedures and Non-OR Procedures.

```
Select Number: 1// <Enter>
```

```
This report is designed to use a 132 column format.
```

```
Select Device: [Select Print Device]
```

-----printout follows-----

## **Surgery Staffing Reports**

### **[SR STAFFING REPORTS]**

The *Surgery Staffing Reports* menu provides access to several staffing related report options.

The options included in this submenu are listed below. To the left of the option name is the shortcut synonym the user can enter to select the option.

<b>Shortcut</b>	<b>Option Name</b>
A	<i>Attending Surgeon Reports</i>
S	<i>Surgeon Staffing Report</i>
N	<i>Surgical Nurse Staffing Report</i>
NS	<i>Scrub Nurse Staffing Report</i>
NC	<i>Circulating Nurse Staffing Report</i>

## Attending Surgeon Reports

### [SROATT]

The *Attending Surgeon Reports* option generates the Attending Surgeon Report, which provides staffing information for completed cases (Example 1). The Attending Surgeon Cumulative Report is a table with cumulative totals for each attending code (Example 2). You can print these reports separately or you can print both reports at one time.

The Attending Surgeon Report can be sorted by surgical specialty. They can also be generated for an individual surgeon, or for all attending surgeons.

The Attending Surgeon Report has a 132-column format and is designed to be copied to a printer. The Attending Surgeon Cumulative Report has an 80-column format and can be viewed on the screen.

#### **Example 1: Print the Attending Surgeon Report**

```
Select Surgery Staffing Reports Option: A Attending Surgeon Reports
```

```
Attending Surgeon Report
```

```
Starting with which Date ? 6/9 (JUN 09, 2004)
Ending with which Date ? 6/18 (JUN 18, 2004)
```

```
Do you want to print the report for all Attending Surgeons ? YES// <Enter>
```

```
Attending Surgeon Reports
```

1. Attending Surgeon Report
2. Attending Surgeon Cumulative Report
3. Attending Surgeon Report and Attending Surgeon Cumulative Report

```
Select the number corresponding with the desired report(s): 1
```

```
Start report for each attending surgeon on a new page ? NO// <Enter>
```

```
Do you want the report for all Surgical Specialties ? YES// N
```

```
Print the Report for which Surgical Specialty ? 50 GENERAL(OR WHEN NOT DE
FINED BELOW) GENERAL(OR WHEN NOT DEFINED BELOW) 50
```

```
The Attending Surgeon Report was designed to use a 132 column format.
```

```
Print the report on which Device ? [Select Print Device]
```

```
-----printout follows-----
```

DATE CASE #	PATIENT ID# ATTENDING CODE	PRINCIPAL DIAGNOSIS PRINCIPAL OPERATIVE PROCEDURE	SURGEON 1ST ASST 2ND ASST
=====			
GENERAL (OR WHEN NOT DEFINED BELOW) =====			
ATTENDING SURGEON: TULSA, LARRY -----			
06/17/04 203	KANSAS, THOMAS 123-45-7684 LEVEL B: ATTENDING IN O.R., SCRUBBED	CHOLELITHIASIS CHOLECYSTECTOMY	TOPEKA, MARK RICHMOND, ARTHUR
06/18/04 202	MICHIGAN, MATTHEW R. 123-45-6789 LEVEL B: ATTENDING IN O.R., SCRUBBED	INCARCERATED INGUINAL HERNIA REPAIR INCARCERATED INGUINAL HERNIA	TOPEKA, MARK RICHMOND, ARTHUR
03/09/04 494	IDAHO, PETER 123-45-6789 ATTENDING CODE NOT ENTERED	INCARCERATED INGUINAL HERNIA INGUINAL HERNIA	SPRINGFIELD, JACK NASHVILLE, N
ATTENDING SURGEON: TOPEKA, MARK -----			
06/10/04 189	CALIFORNIA, ELIZABETH 123-45-6789 LEVEL E: EMERGENCY CARE, ATTENDING CONTACTED ASAP	RUPTURED TUBOOVARIAN ABSCESS DRAINAGE OF OVARIAN CYST	RICHMOND, ARTHUR
06/09/04 187	HAWAII, LOU 123-45-6789 LEVEL C: ATTENDING IN O.R., NOT SCRUBBED	CHOLECYSTITIS CHOLECYSTECTOMY, INTRAOPERATIVE CHOLANGIOGRAM	TULSA, LARRY RICHMOND, ARTHUR DALLAS, LARRY
ATTENDING SURGEON: RICHMOND, ARTHUR -----			
06/09/04 188	MISSOURI, ROY 123-45-6789 LEVEL D: ATTENDING IN O.R. SUITE, IMMEDIATELY AVAILABLE	APPENDICITIS APPENDECTOMY, COLONOSCOPY, CHOLECYSTECTOMY	PITTSBURGH, A RICHMOND, ARTHUR

## Example 2: Print the Attending Surgeon Cumulative Report

Select Surgery Staffing Reports Option: **A** Attending Surgeon Reports

Attending Surgeon Report

Starting with which Date ? **6/9** (JUN 09, 2004)

Ending with which Date ? **6/18** (JUN 18, 2004)

Do you want to print the report for all Attending Surgeons ? YES// **<Enter>**

Attending Surgeon Reports

1. Attending Surgeon Report
2. Attending Surgeon Cumulative Report
3. Attending Surgeon Report and Attending Surgeon Cumulative Report

Select the number corresponding with the desired report(s): **2**

Do you want the report for all Surgical Specialties ? YES// **N**

Print the Report for which Surgical Specialty ? **50** GENERAL(OR WHEN NOT DE  
FINED BELOW) GENERAL(OR WHEN NOT DEFINED BELOW) **50**

The Attending Surgeon Cumulative Report was designed to use a 80 column format.

Print the report on which Device ? **[Select Print Device]**

-----*printout follows*-----

MAYBERRY, NC  
SURGICAL SERVICE  
ATTENDING SURGEON CUMULATIVE REPORT  
FROM: JUN 9,2004 TO: JUN 18,2004

=====

GENERAL (OR WHEN NOT DEFINED BELOW)

ATTENDING CODE	TOTAL CASES
-----	-----
LEVEL B: ATTENDING IN O.R., SCRUBBED	2
LEVEL C: ATTENDING IN O.R., NOT SCRUBBED	1
LEVEL D: ATTENDING IN O.R. SUITE, IMMEDIATELY AVAILABLE	1
LEVEL E: EMERGENCY CARE, ATTENDING CONTACTED ASAP	1
* ATTENDING CODE NOT ENTERED	1
TOTAL CASES FROM 06/09/04 TO 06/18/04	6

## Surgeon Staffing Report

### [SROSUR]

The *Surgeon Staffing Report* option lists completed cases sorted by the surgeon and his or her role (i.e., attending, first assistant) for each case. The report provides the procedure, diagnosis and operation date/time.

This report has a 132-column format and is designed to be copied to a printer.

### **Example: Print Surgeon Staffing Report**

```
Select Surgery Staffing Reports Option: S Surgeon Staffing Report
```

```
Surgeon Staffing Report
```

```
Start with Date: 3/2 (MAR 02, 2001)
```

```
End with Date: 3/31 (MAR 31, 2001)
```

```
Do you want to print this report for an individual surgeon ? YES// <Enter>
```

```
Select Surgeon: TOPEKA, MARK
```

```
This report is designed to use a 132 column format.
```

```
Print the report on which Device ? [Select Print Device]
```

```
-----printout follows-----
```

# Chief of Surgery Menu

## [SROCHIEF]

The *Chief of Surgery Menu* is a restricted option (locked with the SROCHIEF key), allowing access to various management reports and functions. It is designed for the Chief of Surgery and his or her designees. The options available from this menu are shown in the following table.

Shortcut	Option or Menu Name
V	<i>View Patient Perioperative Occurrences</i>
M	<i>Management Reports</i>
U	<i>Unlock a Case for Editing</i>
RET	<i>Update Status of Returns Within 30 Days</i>
CAN	<i>Update Cancelled Case ...</i>
D	<i>Update Operations as Unrelated/Related to Death</i>
CODE	<i>Update/Verify Procedure/Diagnosis Codes</i>

## View Patient Perioperative Occurrences [SROMEN-M&M]

The *View Patient Perioperative Occurrences* option is designed to provide a quick view of any occurrences for a particular case. This report can be viewed on a screen.

### Example: View Patient Perioperative Occurrences

```
Select Chief of Surgery Menu Option: V View Patient Perioperative Occurrences
```

```
Select Patient: HAWAII,LOU          09-01-50      123456789
```

```
HAWAII,LOU  123-45-6789
1. 09-15-04  BYPASS (REQUESTED)
2. 09-15-04  CAROTID ARTERY ENDARTERECTOMY (SCHEDULED)
3. 03-09-04  CHOLECYSTECTOMY, INTRAOPERATIVE CHOLANGIOGRAM (COMPLETED)
```

```
Select Operation: 3
```

```
HAWAII,LOU (123-45-6789)                                OCCURRENCES
```

```
-----
Date of Operation:   JUN 09, 2004 09:15
Principal Operation: CHOLECYSTECTOMY (47480)
```

```
Surgeon:            TULSA,LARRY
Attending Surgeon:  TOPEKA,MARK
Attending Code:     LEVEL B: ATTENDING IN O.R., SCRUBBED
```

```
Principal Postop Diagnosis:  CHOLECYSTITIS (574.01)
```

```
Intraoperative Occurrences:  PUNCTURED MESENTERIC ARTERY
Outcome: IMPROVED
```

```
Postoperative Occurrences:   EDEMA (03/10/92)
Outcome: IMPROVED
```

```
Press RETURN to continue <Enter>
```

## Quarterly Report — Surgical Service [SRO QUARTERLY REPORT]

This option looks at all the surgical procedures performed and provides breakdowns on different characteristics of the procedures. The breakdown is in the form of either the Quarterly Report, to be submitted to the Surgical Service at VHA Headquarters, or a Summary Report for a selected date range.

The Quarterly Report for Central Office can be printed and/or automatically transmitted to the national database. When the report is transmitted, a mail message containing the report goes to members of the SR-QUARTERLY mail group.

### Prerequisites

The Quarterly/Summary Report uses information stored in the following data fields of the SURGERY file. To produce an accurate report, these fields should be addressed when information is entered about an operation.

Field Name	Field Number
MAJOR/MINOR	.03
IN/OUT-PATIENT STATUS	.011
CASE SCHEDULE TYPE	.035
ASA CLASS	1.13
SURGERY SPECIALTY	.04
ATTENDING CODE	.165
PRINCIPAL PROCEDURE CODE	27
OTHER PROCEDURE CPT CODE	3 in OTHER PROCEDURES multiple
INTRAOPERATIVE OCCURRENCES	1.14
OCCURRENCE CATEGORY	3 in INTRAOPERATIVE OCCURRENCES multiple
POSTOP OCCURRENCE	1.16
OCCURRENCE CATEGORY	5 in POSTOP OCURRENCE multiple
WOUND CLASSIFICATION	1.09
TIME OUT VERIFIED	71
PREOPERATIVE IMAGING CONFIRMED	72

These reports are formatted in an 80-column format and can be viewed on the screen.

### Example 1: Summary Report for Surgical Service

Select Management Reports Option: **Q** Quarterly Report - Surgical Specialty

QUARTERLY/SUMMARY REPORT FOR SURGICAL SERVICE

NOTE: Listed below are the CPT codes for the index procedures on these reports.

Procedure	CPT Code(s)
Inguinal Hernia	49505,49507,49520,49521,49525
Cholecystectomy	47600,47605,47610,47562,47563,47564
Coronary Artery Bypass	33510,33511,33512,33513,33514,33516,33517,33518, 33519,33521,33522,33523,33533,33534,33535,33536
Colon Resection (L & R)	44140,44141,44143,44144,44145,44146,44147,44160
Fem-Pop Bypass	35656,35556
Pulmonary Lobectomy	32480,32500,32440
Hip Replacement	
- Elective	27125,27130,27132,27134,27137,27138
- Acute Fracture	27236
TURP	52601
Laryngectomy	31360,31365,31367,31368
Craniotomy	61304,61305,61312,61314,61510,61512,61518,61519, 61700,61680
Intraocular Lens	66983,66984

Press RETURN to continue or '^' to quit: **<Enter>**

Run which report ?

1. Summary Report for Selected Date Range
2. Quarterly Report for Central Office

Select Report Number: 1// 1

SUMMARY REPORT FOR SURGICAL SERVICE

Enter date range for data to be included on report.

Start with date: **6/1** (JUN 01, 2004)

End with date: **6/30** (JUN 30, 2004)

Print report on which Device: **[Select Print Device]**

-----printout follows-----

SUMMARY REPORT - SURGICAL SERVICE  
VERSION 3.0

PAGE  
1

Hospital: MAYBERRY, NC  
Station Number: 999  
For Dates: JUN 01, 2004 to: JUN 30, 2004

```

=====
Total Cases      % of Total
-----
Surgical Cases      315      100.0
Major Procedures    203      64.4
  ASA Class (1)      10       4.9
  ASA Class (2)      70      34.5
  ASA Class (3)     120     59.1
  ASA Class (4)       3       1.5
  ASA Class (5)       0       0.0
  ASA Class (6)       0       0.0
Postoperative Deaths  2       0.6
  Ambulatory: 0
Postoperative Occurrences  18     5.7
Ambulatory Procedures  201    63.8
  Admitted Within 14 Days: 0
  Invasive Diagnostic: 1
Inpatient Procedures  114    36.2
Emergency Procedures   14     4.4
Age>60 Years         141    44.8
=====

```

SPECIALTY PROCEDURES

```

-----
PATIENTS  CASES  MAJOR  MINOR  ---DEATHS---
-----
50 GENERAL      63     64     54     10     1     1.6
51 GYNECOLOGY   7       7       7       0     0     0.0
52 NEUROSURGERY 12      14      13       1     0     0.0
53 OPHTHALMOLOGY 57     59       0     59     0     0.0
54 ORTHOPEDICS  53     56     46     10     0     0.0
55 OTORHINOLARYNGOLOGY 35    35     32       3     0     0.0
56 PLASTIC SURGERY 8       8       4       4     0     0.0
57 PROCTOLOGY   0       0       0       0     0     0.0
58 THORACIC SURGERY 3       3       3       0     0     0.0
59 UROLOGY      19     20     20       0     0     0.0
60 ORAL SURGERY  1       1       1       0     0     0.0
61 PODIATRY     25     25       3     22     0     0.0
62 PERIPHERAL VASCULAR 21    23     20       3     1     4.3
500 CARDIAC SURGERY 0       0       0       0     0     0.0
501 TRANSPLANTATION 0       0       0       0     0     0.0
502 ANESTHESIOLOGY 0       0       0       0     0     0.0
=====

```

LEVEL OF RESIDENT SUPERVISION (%)

LEVEL OF RESIDENT SUPERVISION (%)

```

-----
MAJOR  MINOR
Level A      0.0    100.0
Level B     66.7     0.0
Level C      0.0     0.0
Level D      0.0     0.0
Level E     33.3     0.0
Level F      0.0     0.0
Level Not Entered 0.0     0.0
=====

```

Hospital: MAYBERRY, NC  
Station Number: 999  
For Dates: JUN 01, 2004 to: JUN 30, 2004

INDEX PROCEDURES

	CASES	DEATHS	CASES WITH OCCURRENCES
Inguinal Hernia	13	0	0
Cholecystectomy	3	0	0
Coronary Artery Bypass	0	0	0
Colon Resection (L & R)	5	0	1
Fem-Pop Bypass	2	0	1
Pulmonary Lobectomy	0	0	0
Hip Replacement			
- Elective	7	0	2
- Acute Fracture	0	0	0
TURP	0	0	0
Laryngectomy	0	0	0
Craniotomy	0	0	0
Intraocular Lens	44	0	0

PERIOPERATIVE OCCURRENCE CATEGORIES

Wound Occurrences	Total	Urinary Occurrences	Total
A. Superficial Infection	6	A. Renal Insufficiency	2
B. Deep Wound Infection	0	B. Acute Renal Failure	0
C. Wound Disruption	0	C. Urinary Tract Infection	2
		D. Other	0
Respiratory Occurrences	Total	CNS Occurrences	Total
A. Pneumonia	7	A. CVA/Stroke	0
B. Unplanned Intubation	3	B. Coma >24 Hours	0
C. Pulmonary Embolism	0	C. Peripheral Nerve Injury	1
D. On Ventilator >48 Hours	4	D. Other	0
E. Other	0		
Cardiac Occurrences	Total	Other Occurrences	Total
A. Cardiac Arrest Req. CPR	1	A. Ileus/Bowel Obstruction	0
B. Myocardial Infarction	0	B. Bleeding/Transfusions	0
C. Endocarditis	0	C. Graft/Prosthesis/Flap Failure	1
D. Low Cardiac Output >6 Hrs.	0	D. DVT/Thrombophlebitis	0
E. Mediastinitis	0	E. Systemic Sepsis	1
F. Repeat Card-Pul Bypass	0	F. Reoperation for Bleeding	0
G. Other	0	G. Other	2

Clean Wound Infection Rate: 2.1%

Hospital: MAYBERRY, NC  
Station Number: 999  
For Dates: JUN 01, 2004 to: JUN 30, 2004

=====

ENSURING CORRECT SURGERY - COMPLIANCE SUMMARY

-----

	CASES	% OF TOTAL
	-----	-----
TOTAL CASES PERFORMED:	315	100.0
TIME OUT VERIFIED		
YES:	308	97.8
NO:	5	1.6
NOT ENTERED:	2	0.6
PREOPERATIVE IMAGING CONFIRMED		
YES:	219	69.5
IMAGING NOT REQUIRED:	88	27.9
NO:	5	1.6
NOT ENTERED:	3	1.0
MARK ON SURGICAL SITE CONFIRMED		
YES:	219	69.5
MARKING NOT REQUIRED:	6	1.7
NO:	2	0.6
NOT ENTERED:	1	.4
OVERALL COMPLIANCE FOR THIS DATE RANGE		
-----		
TIME OUT VERIFIED:	97.8%	
PREOPERATIVE IMAGING CONFIRMED:	97.4%	
MARK ON SURGICAL SITE CONFIRMED:	97.4%	

## Example 2: Quarterly Report for Surgical Service

Select Management Reports Option: **Q** Quarterly Report - Surgical Specialty

### QUARTERLY/SUMMARY REPORT FOR SURGICAL SERVICE

NOTE: Listed below are the CPT codes for the index procedures on these reports.

Procedure	CPT Code(s)
-----	-----
Inguinal Hernia	49505,49507,49520,49521,49525
Cholecystectomy	47600,47605,47610,56340,56341,56342
Coronary Artery Bypass	33510,33511,33512,33513,33514,33516,33517,33518, 33519,33521,33522,33523,33533,33534,33535,33536
Colon Resection (L & R)	44140,44141,44143,44144,44145,44146,44147,44160
Fem-Pop Bypass	35656,35556
Pulmonary Lobectomy	32480,32500,32440
Hip Replacement	
- Elective	27125,27130,27132,27134,27137,27138
- Acute Fracture	27236
TURP	52601
Laryngectomy	31360,31365,31367,31368
Craniotomy	61304,61305,61312,61314,61510,61512,61518,61519, 61700,61680
Intraocular Lens	66983,66984

Press RETURN to continue or '^' to quit: **<Enter>**

Run which report ?

1. Summary Report for Selected Date Range
2. Quarterly Report for Central Office

Select Report Number: 1// **2**

### QUARTERLY REPORT FOR SURGICAL SERVICE

Run report for which quarter of the fiscal year ?

- (1) October 1 - December 31
- (2) January 1 - March 31
- (3) April 1 - June 30
- (4) July 1 - September 30

Select Quarter: **3**

Select FISCAL YEAR: 2004// **<Enter>**

Do you want this report to be transmitted to the Surgical Service central database ? NO// **<Enter>**

Print report on which Device: **[Select Print Device]**

-----printout follows-----

Hospital: MAYBERRY, NC Station Number: 999  
For Dates: APR 01, 2004 to: JUN 30, 2004 Fiscal Year: 2004

=====

	Total Cases	% of Total
	-----	-----
Surgical Cases	1315	100.0
Major Procedures	973	74.0
ASA Class (1)	34	3.5
ASA Class (2)	305	31.3
ASA Class (3)	579	59.5
ASA Class (4)	54	5.5
ASA Class (5)	0	0.0
ASA Class (6)	0	0.0
ASA Class (Not Entered)	1	0.1
Postoperative Deaths	10	0.8
Ambulatory: 3		
Postoperative Occurrences	17	1.3
Ambulatory Procedures	794	60.4
Admitted Within 14 Days: 2		
Invasive Diagnostic: 146		
Inpatient Procedures	521	39.6
Emergency Procedures	45	3.4
Age>60 Years	729	55.4

SPECIALTY PROCEDURES

					---DEATHS---	
					TOTAL	%
	PATIENTS	CASES	MAJOR	MINOR	-----	-----
	-----	-----	-----	-----	-----	-----
50 GENERAL	140	147	147	0	4	2.7
51 GYNECOLOGY	9	9	9	0	0	0.0
52 NEUROSURGERY	53	56	56	0	1	1.8
53 OPHTHALMOLOGY	186	208	204	4	0	0.0
54 ORTHOPEDICS	156	162	159	3	1	0.6
55 OTORHINOLARYNGOLOGY	90	95	93	2	0	0.0
56 PLASTIC SURGERY	40	44	44	0	0	0.0
57 PROCTOLOGY	0	0	0	0	0	0.0
58 THORACIC SURGERY	19	22	22	0	0	0.0
59 UROLOGY	279	321	102	219	3	0.9
60 ORAL SURGERY	14	14	14	0	0	0.0
61 PODIATRY	36	42	42	0	0	0.0
62 PERIPHERAL VASCULAR	39	41	41	0	1	2.4
500 CARDIAC SURGERY	40	40	40	0	0	0.0
501 TRANSPLANTATION	0	0	0	0	0	0.0
502 ANESTHESIOLOGY	99	114	0	114	0	0.0

LEVEL OF RESIDENT SUPERVISION (%)

	MAJOR	MINOR
	-----	-----
Level A	0.2	53.5
Level B	95.4	36.3
Level C	2.1	0.0
Level D	2.4	0.3
Level Not Entered	0.0	9.9





## **Deaths Within 30 Days of Surgery [SROQD]**

The *Deaths Within 30 Days of Surgery* option lists patients who had surgery within the selected date range, died within 30 days of surgery and whose deaths are included on the Quarterly/Summary Report. Three separate reports are available through this option. These reports correspond to the three sections of the Quarterly Report that include death totals.

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

A. All Cases

The report will list 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.

B. Outpatient Cases Only

The report will list only the surgical cases that are associated with deaths that are counted as outpatient (ambulatory) deaths on the Quarterly Report.

C. Inpatient Cases Only

The report will list 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.

**3. Index Procedures:** This report will list the surgical cases that are associated with deaths that are counted in the Index Procedures section of the Quarterly Report.

These reports have a 132-column format and are designed to be copied to a printer.