SURGERY

USER MANUAL

Version 3.0
July 1993

(Revised November 2007)

Department of Veterans Affairs
Veterans Health Information Technology

Revision History

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

Date	Revised Pages	Patch Number	Description
11/07	479-479a, 486a	SR*3*164	Updated the *Resource Data Enter/Edit* and the *Print a Surgery Risk Assessment* options to reflect the new cardiac field for CT Surgery Consult Date. REDACTED
09/07	125, 371, 375, 382	SR*3*163	Updated the Service Classification section regarding environmental indicators, unrelated to this patch. Updated the Quarterly Report to reflect updates to the numbers and names of specific specialties in the NATIONAL SURGICAL SPECIALTY file. REDACTED
06/07	35, 210, 212b	SR*3*159	Updated screens to reflect change of the environmental indicator "Environmental Contaminant" to "SWAC" (e.g., Southwest Asia). REDACTED
06/07	176-180, 180a, 184c-d, 327c-d, 372, 375-376, 446, 449-450, 452-453, 455-456, 458, 461, 468, 470, 472, 479-479a, 482-484, 486a, 489, 491, 493, 495, 497, 499, 501, 502a-d, 504-506, 509-512, 519	SR*3*160	Updated the data entry options for the non-cardiac and cardiac risk management sections; these options have been changed to match the software. For more details, see the *Surgery NSQIP-CICSP Enhancements 2007 Release Notes*. Updated data entry screens to match software; changes are unrelated to this patch. REDACTED
11/06	10-12, 14, 21-22, 139-141, 145-150, 152, 219, 438	SR*3*157	Updated data entry options to display new fields for collecting sterility information for the Prosthesis Installed field; updated the Nurse Intraoperative Report section with these required new fields. For more details, see the *Surgery-Tracking Prosthesis Items Release Notes*. Updated data entry screens to match software; changes are unrelated to this patch. REDACTED

Date	Revised Pages	Patch Number	Description
08/06	6-9, 14, 109-112, 122-124, 141-149, 151-152, 176, 178-180, 180a-b, 181-184, 184a-d, 185-186, 218-219, 326-327, 327a-d, 328-329, 373, 377, 449-450, 452-456, 459, 461-462, 467-468, 468b, 469-470, 470a, 473-474, 474a-474b, 475, 477, 481-486, 486a-b, 489-502, 502a-b, 503-504, 509-512	SR*3*153	Updated the data entry options for the non-cardiac and cardiac risk management sections; these options have been changed to match the software. Updated data entry options to incorporate renamed/new Hair Removal documentation fields. Updated the Nurse Intraoperative Report and Quarterly Report to include these fields. For more details, see the *Surgery NSQIP/CICSP Enhancements 2006 Release Notes*. <mark>REDACTED</mark>
06/06	28-32, 40-50, 64-80, 101-102	SR*3*144	Updated options to reflect new required fields (Attending Surgeon and Principal Preoperative Diagnosis) for creating a surgery case. <mark>REDACTED</mark>
06/06	vi, 34-35, 125, 210, 212b, 522a-b	SR*3*152	Updated Service Classification screen example to display new PROJ 112/SHAD prompt. This patch will prevent the PRIN PRE-OP ICD DIAGNOSIS CODE field of the Surgery file from being sent to the Patient Care Encounter (PCE) package. Added the new *Alert Coder Regarding Coding Issues* option to the Surgery Risk Assessment Menu option. <mark>REDACTED</mark>
04/06	445, 464a-b, 465, 480a-b	SR*3*146	Added the new *Alert Coder Regarding Coding Issues* option to the Assessing Surgical Risk chapter. <mark>REDACTED</mark>

Resource Data (Enter/Edit)
[SROA CARDIAC RESOURCE]

The nurse reviewer uses the *Resource Data (Enter/Edit)* option to enter, edit, or review risk assessment and cardiac patient demographic information such as hospital admission, discharge dates, and other information related to the surgical episode.

Example: Resource Data (Enter/Edit)

```
Select Cardiac Risk Assessment Information (Enter/Edit) Option: R Resource Data


SURPATIENT,TEN (000-12-3456)       Case #49413
OCT 18,2007   CABG X3 USING LSVG TO OMB,LV EXT. OF RCA,LIMA TO LAD
----------------------------------------------------------------------------------------------------

Enter/Edit Patient Resource Data

1. Capture Information from PIMS Records
2. Enter, Edit, or Review Information

Select Number: (1-2): 1

Are you sure you want to retrieve information from PIMS records ? YES// <Enter>

...HMMM, I'M WORKING AS FAST AS I CAN...


SURPATIENT,TEN (000-12-3456)       Case #49413
OCT 18,2007   CABG X3 USING LSVG TO OMB,LV EXT. OF RCA,LIMA TO LAD
----------------------------------------------------------------------------------------------------

Enter/Edit Patient Resource Data

1. Capture Information from PIMS Records
2. Enter, Edit, or Review Information

Select Number: (1-2): 2


SURPATIENT,TEN (000-12-3456)       Case #49413
OCT 18,2007   CABG X3 USING LSVG TO OMB,LV EXT. OF RCA,LIMA TO LAD
----------------------------------------------------------------------------------------------------

 1. Hospital Admission Date:          OCT 16, 2007@08:00
 2. Hospital Discharge Date:          OCT 30, 2007@08:00
 3. Cardiac Catheterization Date:     OCT 17, 2007
 4. Time Patient In OR:               OCT 18, 2007@07:30
 5. Time Patient Out OR:              OCT 18, 2007@08:05
 6. Date/Time Patient Extubated:      OCT 18, 2007@14:30
 7. Date/Time Discharged from ICU:
 8. Homeless:                         NO
 9. Surg Performed at Non-VA Facility: NO
10. Resource Data Comments:
11. Employment Status Preoperatively: SELF EMPLOYED
12. CT Surgery Consult Date:          OCT 17, 2007

----------------------------------------------------------------------------------------------------
Select number of item to edit: 11
```

```
Employment Status Preoperatively: EMPLOYED FULL TIME// ?
     Enter the patient's employment status preoperatively.
     Choose from:
     1         EMPLOYED FULL TIME
     2         EMPLOYED PART TIME
     3         NOT EMPLOYED
     4         SELF EMPLOYED
     5         RETIRED
     6         ACTIVE MILITARY DUTY
     9         UNKNOWN
Employment Status Preoperatively: 3 NOT EMPLOYED
```

```
SURPATIENT,TEN (000-12-3456)       Case #49413
OCT 18,2007   CABG X3 USING LSVG TO OMB,LV EXT. OF RCA,LIMA TO LAD
-------------------------------------------------------------------------------------------------

 1. Hospital Admission Date:             OCT 16, 2007@08:00
 2. Hospital Discharge Date:             OCT 30, 2007@08:00
 3. Cardiac Catheterization Date:        OCT 17, 2007
 4. Time Patient In OR:                  OCT 18, 2007@07:30
 5. Time Patient Out OR:                 OCT 18, 2007@08:05
 6. Date/Time Patient Extubated:         OCT 18, 2007@14:30
 7. Date/Time Discharged from ICU:
 8. Homeless:                            NO
 9. Surg Performed at Non-VA Facility:   NO
10. Resource Data Comments:
11. Employment Status Preoperatively:    NOT EMPLOYED
12. CT Surgery Consult Date:             OCT 17, 2007


-------------------------------------------------------------------------------------------------

Select number of item to edit:
```

The Surgery software performs data checks on the following fields:

The Date/Time Patient Extubated field should be later than the Time Patient Out OR field, and earlier than the Date/Time Discharged from ICU field.

The Date/Time Discharged from ICU field should be later than the Date/Time Patient Extubated field, and equal to or earlier than the Hospital Discharge Date field.

If the date entered does not conform to the specifications, then the Surgery software displays a warning at the bottom of the screen.

```
SURPATIENT,NINE  000-34-5555
================================================================================
 VI. OPERATIVE DATA
Cardiac surgical procedures with or without cardiopulmonary bypass
CABG distal anastomoses:                Bridge   to   transplant/Device:   NO
  Number with Vein:             2      TMR:                              NO
  Number with IMA:              2    Maze  procedure:   NO  MAZE  PERFORMED
  Number with Radial Artery:    0      ASD repair:                       NO
  Number with Other Artery:     0      VSD repair:                       NO
  Number with Other Conduit:    0      Myectomy for IHSS:                NO
Aortic Valve Replacement:       NO     Myxoma resection:                 NO
Mitral Valve Replacement:       NO     Other tumor resection:            NO
Tricuspid Valve Replacement:    NO     Cardiac transplant:               NO
Valve Repair:                  NONE    Great Vessel Repair:              NO
LV Aneurysmectomy:              NO     Endovascular Repair:              NO
                                       Other Cardiac procedure(s):      YES
* Other Cardiac procedures (Specify): OTHER CT PROCEDURE #1, OTHER CT PROCEDURE #2,
OTHER CT PROC

Indicate other cardiac procedures only if done with cardiopulmonary bypass
Foreign body removal:           YES
Pericardiectomy:                YES


Other Operative Data details
Total CPB Time:      85 min              Total Ischemic Time: 60 min
Incision Type:         FULL STERNOTOMY
Conversion Off Pump to CPB: N/A (began on-pump/ stayed on-pump)


VII. OUTCOMES
Operative Death:  NO                       Date of Death:

Perioperative (30 day) Occurrences:
  Perioperative MI:              NO    Repeat cardiac Surg procedure: YES
  Endocarditis:                  NO    Tracheostomy:                  YES
  Renal Failure Requiring Dialysis: NO    Ventilator supp within 30 days: YES
  Mediastinitis:                 YES   Stroke/CVA:                    NO
  Cardiac Arrest Requiring CPR:  YES   Coma > or = 24 Hours:          NO
  Reoperation for Bleeding:      NO    New Mech Circulatory Support:  YES
  On ventilator > or = 48 hr:    NO

VIII. RESOURCE DATA
Hospital Admission Date:                   06/30/06 06:05
Hospital Discharge Date:                   07/10/06 08:50
Time Patient In  OR:                       07/10/06 10:00
Time Patient Out OR:                       07/10/06 12:30
Date and Time Patient Extubated:           07/10/06 13:13
Date and Time Patient Discharged from ICU: 07/10/06 08:00
Patient is Homeless:                       NS
Cardiac Surg Performed at Non-VA Facility:   UNKNOWN
CT Surgery Consult Date:                   06/29/06
Resource Data Comments: Indicate other cardiac procedures only if done
    with cardiopulmonary bypass
================================================================================
IX. SOCIOECONOMIC, ETHNICITY, AND RACE
 Employment Status Preoperatively:     SELF EMPLOYED
 Ethnicity:                            NOT HISPANIC OR LATINO
 Race Category(ies):                   AMERICAN INDIAN OR ALASKA NATIVE,
                                       NATIVE HAWAIIAN OR OTHER PACIFIC
                                       ISLANDER, WHITE

X. DETAILED DISCHARGE INFORMATION
   Discharge ICD-9 Codes: 414.01 V70.7 433.10 285.1 412. 307.9  427.31


Type of Disposition: TRANSFER
Place of Disposition: HOME-BASED PRIMARY CARE (HBPC)
Primary care or referral VAMC identification code: 526
Follow-up VAMC identification code: 526

 *** End of report for SURPATIENT,NINE 000-34-5555 assessment #238 ***
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