Surgery 1.0; SurgeryINTRA

## Release Date

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## Personnel

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# Release Overview

The Surgery domain centers around data extracted from Vista file 130, split vertically into four conceptual groupings. The conceptual groupings are:

SurgeryPRE- contains data relevant to surgical case scheduling and preparation

SurgeryINTRA – contains data captured during a surgical case

SurgeryPOST (Pending) – contains post-case data, provider notes, and accounting information

SurgeryQIP (Pending) – contains data captured as part of the VA’s Surgical Quality Improvement Program

SurgeryProsthetics (Pending) – Prosthetic sub files which fall under the Vista Surgery Package

Several fields, considered to be universally required for queries, are included in all split views.

Each conceptual group is a fact table split from file 130 and is released along with its related fact and dimensions.

To find which split a particular fileman field is grouped into, [this excel document](https://vaww.cdw.va.gov/metadata/_layouts/xlviewer.aspx?id=/metadata/Metadata%20Documents/Surgery%201.0/surgery130Split.xlsx&Source=https://vaww.dwh.cdw.portal.va.gov/metadata/default.aspx?RootFolder=%2Fmetadata%2FMetadata%20Documents%2FSurgery%201%2E0&FolderCTID=0x0120007BD83FE7EC890F42B79E1DA11A744B1E&View=%7bB433761E-F7DB-44A1-B313-0CB6D58BE510%7d&DefaultItemOpen=1&DefaultItemOpen=1) is provided for searching on:

* Fileman fieldnumber, Fileman fieldname, CDW fieldname, or conceptual group.

# Schema & Security

The Patient domain uses two schemas for permissions in the CDW:

* Surg: for fact views
* Dim: Dimensions without PII

# Details

Nine views comprise the SurgeryINTRA split.

|  |
| --- |
| Surg SurgeryINTRA (VistA File #130, 161 columns)  Dim SurgeryTransportDevice (Vista file #131.01)  Dim AnesthesiaSupervisorCode (Vista file #132.95)  Dim ASAClass (Vista file #132.8)  Dim AttendingCode (Vista file #132.9)  Dim ElectrogroundPosition (Vista file #138)  Dim SkinIntegrity (Vista file #135.2)  Dim SkinPrepAgent (Vista file #135.1)  Dim SurgeryPosition (Vista file #132) |

# Data Quality Issues addressed

Out of 130 Vista sites, there are 9 stations that do not have surgical data and 1 station with 330 records, the majority prior to 10/1/1999. This is an accurate reflection.

# Special note:

Surgical cases entered prior to Surgery package patch SR\*182 in Dec 2014 did not follow consistent standardized format. CDW has preserved field contents as entered by the site. Questions defining non-standard codes must be directed to the originating site.

SurgeryINTRA contains records for all SurgerySIDs consistent with SurgeryPRE. Surgery cases which have not been completed will have a null values in non-populated fields.

# ER Diagrams

[ER Diagram for SurgeryPRE](https://vaww.cdw.va.gov/metadata/Reports/Images/SurgeryPRE_285.jpg)

[Entity Relationship Diagram for SurgeryINTRA](https://vaww.cdw.va.gov/metadata/Reports/Images/SurgeryINTRA_4395.jpg)

# Metadata Report

[CDW Metadata Page](https://vaww.cdw.va.gov/metadata/default.aspx) and then click on Metadata report.

# CDWWork.Meta Views

Use the following views, available on VHACDWA01 to query the metadata. If there is more than one version of a view (as during the period of transition from 1.0 to 2.0) two instances of The objects will appear in the queries below. In that case one view will be deployed to CDWNext (or SPVNext) while the other one will remain in CDWWork (or RDWWork or SPV).

Meta.DWView

Example:

select DWViewSchema, DWViewName, SourceFileName, SourceFileNumber, SourceFileDescription

from CDWWork.Meta.DWView

where ERDiagrams like 'Surgery%'

order by ERDiagrams, DWViewSchema, DWViewName

Meta.DWViewField

Example:

select \*

from CDWWork.Meta.DWViewField

where ERDiagrams like 'Surgery%'

order by DWViewSchema, DWViewName

use cdwwork;

--Meta.DWViewForeignKey

--Example:

select \* from Meta.DWViewForeignKey

where FKViewName = 'Surgery%'

order by FKViewFieldName, FKViewVersion

# Other Links:

[CDW Support](https://vaww.cdw.va.gov/Support/SitePages/CDWSupportHome.aspx)

[Q&A forum hosted by VIReC](http://vaww.virec.research.va.gov/Support/HSRData-L.htm)