

## Supplemental Digital Content 1

<p>Table Contents: All procedural cases whether or not they have anesthesia            Inclusion Criteria: Contains and OR_LOG and one of (anesthesia case (anesthesia start/stop time, anesthesia attending, and/or an event indicating a paper anesthesia chart exists) OR Documentation of either "in room," "procedure start," or "In recovery" events OR Surgeon minutes)            Exclusion Criteria: Cesarean Sections (deliveries) in the OB ORs. Procedures in the UCLA_LOC: "ANESTHESIA FLOOR" that are epidurals, labor and delivery management, or ECT            Indexed Fields: OR_LOG_ID,ADMSN_ID,PAT_ID,OR_DATE,ANES_START,ANES_STOP,ADT_ADMSN_TIME,ADT_DISCH_TIME,START_RECOVERY,STOP_RECOVERY,ucla_room, ucla_loc            Dependencies: mv_schema_case_staff, mv_schema_case_events, mv_schema_case_smart_data, mv_schema_case_schedule_hx, mv_schema_enc_adt</p>											
Variable Name	Formal Name	Data Type	Format (N=number C=Character)	Nullable	Null Case	Indexed	Column Description	Clarified Application	Validation Notes	Validation Denominator	Validation Date
OR_CASE_ID	OR Log ID Number	Varchar2(18)	NNNNNN	No		Yes	Unique ID number for the procedure/case	Links all case tables including schema_case_base_table	100% of the table rows have a distinct case_id. No duplicate ID's in the table. All the case_id's have a corresponding log_id value in the clarity table.	148,257 Anes + Non-Anes Cases	6/16/15
ADMSN_ID	Admission ID Number	Number(22)	NNNNNNNNNN	Yes	Patient was never admitted to the hospital. Also possible that there are no admission dates in the ADT table that match the OR_DATE. This can happen when a patient is admitted to a neuropsych facility then gets moved to the main hospital. There are a few discrepancies in the latter scenario.	Yes	Unique ID number for the hospital admission. Valid from admission to discharge. Patients that are discharged and return are given a new admsn_id. This also does not apply to the outpatient setting. This correlates with flowsheet data from the floor that are not associated with a particular procedure. The source comes from the ADT table that is matched up to the patient based on pat_id and whether the procedure times are within the ADT admission and discharge times.	This will be used to link all the admission/encounter based tables. Also links to encounter based data in flowsheet, LDA, etc.	1,372 (0.9%) table rows with a NULL admsn_id. All the admsn_id's correlate to a hospitalization type encounter in the enc_base_list table. 98% of the admsn_id's match with the original encounter_id's assigned by the schema_case_base_list table. 886 (0.6%) rows have a valid admsn_id and no corresponding encounter_id from the schema_case_base_list table. On the contrary, there are 921 (0.6%) rows with a null admsn_id and an existing encounter_id from the schema_case_base_list table. Of the 921 rows with a NULL admsn_id, 778 of the rows had an encounter_id taken from mv_schema_case_list that corresponds to a NON-HOSPITALIZATION type encounter in the schema_enc_base_list table and therefore were rightfully dropped.	148,257 Anes + Non-Anes Cases	6/16/15
PAT_ID	Patient ID Number	Varchar2(18)	NNNNNNNN	No		Yes	Unique ID for the patient (MRN replacement). This value does NOT change over the lifetime of a patient.	Links to patient based tables	100% of the table rows have a pat_id. 6 (0.005%) rows have pat_id's that do not correlate to a value in the clarity table. 5 of the 6 rows have anesthesia records, but the pat_id's do not exist in the Clarity anesthesia table (linked by other ID's).	148,257 Anes + Non-Anes Cases	6/16/15
ANES_TIMES_YN	Anesthesia Start Times (Y or N)	Number(22)	0/1	No			1 if anesthesia start and stop times are both not null. 0 if either is null.	Used as part of the table inclusion criteria.	ANES_TIMES_YN value = 1 in 92,882 (62.6%) rows. No rows exist where anes_start is not null and anes_stop is not null with a ANES_TIMES_YN value = 0; Also, there are no rows where ANES_TIMES_YN value=1 and either anes_start or anes_stop is null.	148,257 Anes + Non-Anes Cases	6/16/15
ANES_CASE_YN	Anesthesia Case (Y or N)	Number(22)	0/1	No			1 if anesthesia start and stop times are both not null AND an anesthesia attending is assigned. 0 if either is null.	Used as part of the table inclusion criteria. Best way to categorize an anesthesia case.	ANES_CASE_YN value = 1 in 93,085 (62.7%) rows. 1,634 of the 93,085 rows are paper charts. 270 of the 1,634 rows are paper charts with ANES_TIMES_YN value = 0. 199 of the 93,085 rows are paper charts with no anesthesia attending assigned (digitally). There are no rows without paper charts that do not have an anesthesia attending assigned.	148,257 Anes + Non-Anes Cases	6/16/15
CASE_EVENT_TIMES_YN	Case Event Times (Y or N)	Number(22)	0/1	No			1 if documentation of either "in room," "procedure start," or "In recovery" is not null. 0 if all are null.	Used as part of the table inclusion criteria. Good way to asses date of surgery in the event that anes_start/stop is null.	CASE_EVENT_TIMES_YN value = 0 in 3,843 (2.6%) rows. There are no cases in which CASE_EVENT_TIMES_YN value =0 and either IN_ROOM, START_PROC, or START_RECOVERY is not null. No cases where CASE_EVENT_TIMES_YN is null. The locations with the most values = 0 are: anes floor (35% of cases where value =0), IR (18% of cases where value =0), RR OR (15% of cases where value =0)	148,257 Anes + Non-Anes Cases	6/16/15
SURGEON_MINS_YN	Surgeon Minutes (Y or N)	Number(22)	0/1	No			1 if a primary surgeon has documented minutes (time in the procedure) in the staff table. 0 if none.	Used as part of the table inclusion criteria. Many times surgeons are assigned to cases, but if they have minutes associated, that is a good sign that a surgeon was involved.	SURGEON_MINS_YN value = 0 in 52,379 (35%) rows. There are no rows with SURGEON_MINS_YN value = 1 and no surgery provider listed. The locations with the most values = 0 are: MP2 SC (28% of cases where value = 0), anes floor (15% of cases where value = 0), cath lab (14% of cases where value = 0)	148,257 Anes + Non-Anes Cases	6/16/15
PAPER_CHART_YN	Anesthesia Paper Chart (Y or N)	Number(22)	0/1	No			1 if the event for an anesthesia paper chart exists. 0 if none.	Used as part of the table inclusion criteria. This is important to assess cases that are missing significant amount of data.	PAPER_CHART_YN value =1 in 1,634 (1.1%) rows. 270 rows have PAPER_CHART_YN value = 1 and ANES_TIMES_YN value = 0. 199 rows have PAPER_CHART_YN value = 1 and FIRST_ATT_ID is null.	148,257 Anes + Non-Anes Cases	6/16/15
AGE	Age	Number(22)	NN(.NN)	No			Years between OR_DATE and Date of Birth. Fraction of years (decimals) included for ages < 2 years old. First days of life will have an age of 0.		0 rows where age value is null. Age values range from 0 - 115. Median value is 57.	148,257 Anes + Non-Anes Cases	6/16/15
SEX	Sex	Char(1)	"M" or "F"	No					0 rows where SEX is null. All values either "M" or "F".	148,257 Anes + Non-Anes Cases	6/16/15
PROC_NAME	Procedure Name	Varchar2(512)	Character String	Yes	Procedure title not listed or entered during the case's creation		All the sub-procedure names concatenated into a single string from the procedure schedule. This is not affected by the actual surgical findings unless the schedule is addended. This is the same title used on the schedule prior to the surgery taking place.	Used to differentiate by specific procedures	PROC_NAME is null in 677 (0.46%) rows. 28,064 (19%) rows have a proc_name that is compounded from multiple procedures with a ";". 39 rows contain the word "VOID" and 1 row contains the word "CANCEL"	148,257 Anes + Non-Anes Cases	6/16/15

Variable Name	Formal Name	Data Type	Format (N=number C=Character)	Nullable	Null Case	Indexed	Column Description	Clarified Application	Validation Notes	Validation Denominator	Validation Date
DATE_OF_SERVICE	Date of Service	Date	YYYY-MM-DD 00:00:00	No		Yes	This is the date that the procedure takes place. It is calculated by taking the first available date from the in room time, the procedure start time, the anes start time, the pre-procedure completion time, or the Date and time that the anesthesia record begins (per anesthesia provider)		No rows where OR_DATE is null. 39 rows where OR_DATE is not equal to the date of ANES_START and ANES_START is not null (many issues are due to starting after midnight. i.e. log starts at 11:45pm and anes_start is the next day at 12:01am). 6 rows where the difference between the 92,882 (62.6%) rows where both anes_start and anes_stop are not null. 121 (0.08%) rows where anes_start is null and anes_stop is not null. 77 (0.05%) rows where anes_start is not null and anes_stop is null. 6 rows have an anes_start value greater than the anes_stop value.	148,257 Anes + Non-Anes Cases	6/16/15
ANES_START	Anesthesia Start Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Anesthesia not involved	Yes				148,257 Anes + Non-Anes Cases	6/16/15
ANES_STOP	Anesthesia Stop Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Anesthesia not involved	Yes	Date and time that the anesthesia record ends (per anesthesia provider)			148,257 Anes + Non-Anes Cases	6/16/15
CASE_START	Case Start Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The first available from anes start,in room,start data collection, start procedure; in that order	case times for all cases whether or not they have anes	6,999 (4.2%) rows where case_start is null. 6,913 (4.2%) rows where case_start is null and case_end is not null. Case_Start = anes_start in 61,896 (38%) rows. Case_Start = in_room in 121,626 (74%) rows. Case_Start = start_data_coll in 34,758 (21%) rows. Case_Start = start_proc in 2,654 (1.6%) rows.	152,179 Anes + Non-Anes Cases	8/13/15
CASE_END	Case End Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The first available from anes stop, out of room room, stop data collection, start recovery; in that order.	case times for all cases whether or not they have anes	147 (0.09%) rows where case_end is null. 61 rows where case_end is null and case_start is not null. case_end = anes_stop in 88,410 (54%) rows. case_end = out_room in 71,025 (43%) rows. case_end = stop_data_coll in 3,153 (1.9%) rows. case_end = start_recovery in 14,536 (8.8%) rows.	152,179 Anes + Non-Anes Cases	8/13/15
ADT_ADMSN_TIME	Hospital Admission Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Patient was never admitted to the hospital	Yes	The date and time of a patient's hospital admission from an ADT standpoint		1,372 (0.9%) rows where ADT_ADMSN_TIME is null, which aligns with the number of rows with a null ADMSN_ID. There are 0 rows where ADMSN_ID is not null and ADT_ADMSN_TIME is null. 0 rows where ADT_DISCH_TIME is not null and ADT_ADMSN_TIME is null. 170 (0.1%) of cases where ADT_DISCH_TIME is null and	148,257 Anes + Non-Anes Cases	6/16/15
ADT_DISCH_TIME	Hospital Discharge Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Patient was never admitted to the hospital	Yes	The date and time of a patient's hospital discharge from an ADT standpoint		3,894 (2.6%) rows where IN_FACILITY is null. 2 rows where IN_FACILITY time > OR_DATE. Top 3 locations with null IN_FACILITY times: anes_floor (33% of null cases), RR IR (11% of null cases), SM OBOR (8% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
IN_FACILITY	In Facility Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The date and time that a patient arrives at the facility for check-in		24,360 (16.4%) rows where PREPROC_COMP is null. 50 rows where PREPROC_COMP > OR_DATE. Top 3 locations with null PREPROC_COMP times: RR OR (41% of null cases), RR CATH (15% of null cases), RR MPU (10% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
PREPROC_COMP	Pre-procedure Complete Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The date and time that a patient finishes the pre-operative preparation. This normally is documents by the PTU nurses.		12,698 (8.5%) rows where IN_ROOM is null. 0 rows where IN_ROOM time > OR_DATE. Top 3 locations with null IN_ROOM times: RR IR (48% of null cases), RR OR (14% of null cases), SM CATH (13% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
IN_ROOM	In Room Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The date and time that a patient enters a procedure room. Documented by OR nursing.		12,751 (8.6%) rows where OUT_ROOM is null. 0 rows where OUT_ROOM time < OR_DATE. op 3 locations with null OUT_ROOM times: RR IR (48% of null cases), RR OR (15% of null cases), SM CATH (13% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
OUT_ROOM	Out of Room Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The date and time that a patient exits a procedure room. Documented by OR nursing.		16,035 (10.8%) rows where START_PROC is null. 2 rows where START_PROC time < OR_DATE. Top 3 locations with null START_PROC times: Top 3 locations with null STOP_PROC times: RR IR (37% of null cases), SM CATH (19% of null cases), RR OR (12% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
START_PROC	Procedure Start Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The date and time that a surgical procedure begins. Documented by OR nursing.		16,088 (10.1%) rows where STOP_PROC is null. 0 rows where STOP_PROC time < OR_DATE. Top 3 locations with null STOP_PROC times: RR IR (37% of null cases), SM CATH (18% of null cases), RR OR (12% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
STOP_PROC	Procedure Stop Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The date and time that a surgical procedure ends. Documented by OR nursing.		26,606 (17.9%) rows where START_RECOVERY is null. 3 rows where START_RECOVERY time < OR_DATE. Top 3 locations with null START_RECOVERY times: RR OR (25% of null cases), SM SC (20% of null cases), RR CATH (14% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
START_RECOVERY	Recovery (PACU) Start Time	Date	YYYY-MM-DD HH:MM:SS	Yes	No need for recovery or missing documentation	Yes	The date and time that a patient enters a recovery room. Documented by PACU/recovery nursing.		26,795 (18%) rows where STOP_RECOVERY is null. 2 rows where STOP_RECOVERY time < OR_DATE. Top 3 locations with null STOP_RECOVERY times: RR OR (25% of null cases), SM SC (20% of null cases), RR CATH (15% of null cases)	148,257 Anes + Non-Anes Cases	6/16/15
STOP_RECOVERY	Recovery (PACU) Stop Time	Date	YYYY-MM-DD HH:MM:SS	Yes	No need for recovery or missing documentation	Yes	The date and time that a patient completes a recovery. Routinely the moment that anesthesia places the order to release from anesthesia care. Documented by PACU/recovery nursing.		6,735 (4.2%) rows with null entries. 0 rows where ANES_TIMES_YN value = 1 and case_minutes is not null. 0 rows where SURGEON_MINS_YNvalue = 1 and case_minutes is not null.	157,108 Anes + Non-Anes Cases	6/19/15
CASE_MINUTES	Case Minutes	Number	NNN	Yes	Missing documentation		The length of a case in minutes, defined as the minutes from the first available from anes start,in room,start procedure to the first available from anes stop, out of room room, start recovery. In the event that all those are null, then it defaults to the minutes from anes start to anes stop. If that is also null, then the last alternative is from the total documented surgeon minutes in the staff table				

Variable Name	Formal Name	Data Type	Format (N=number C=Character)	Nullable	Null Case	Indexed	Column Description	Clarified Application	Validation Notes	Validation Denominator	Validation Date
FIRST_SCHED_TIME	First Scheduled Case Start Time	Date	YYYY-MM-DD HH:MM:SS	Yes	No scheduled case time	No	The time and date that the case was scheduled the very first time before any changes or updates	Monitoring scheduled case changes	4097 (2.5%) rows have null values. No cases where FIRST_SCHED_TIME is null and MN_SCHED_TIME is not null. No cases vise-versa where FIRST_SCHED_TIME is not null and MN_SCHED_TIME is null.	164,461 Anes + Non-Anes Cases	8/13/15
FIRST_SCHED_UPDATE_TIME	Scheduled First Scheduled Case Start Time	Date	YYYY-MM-DD HH:MM:SS	Yes	No scheduled case time	No	The time and date that the scheduled entered the first very first time scheduled case start time	See when the case was first created	4097 (2.5%) rows have null values. No cases where FIRST_SCHED_TIME is null and FIRST_SCHED_UPDATE_TIME is not null. No cases vise-versa where FIRST_SCHED_TIME is not null and FIRST_SCHED_UPDATE_TIME is null. 0 cases where FIRST_SCHED_UPDATE_TIME > MN_UPDATE_TIME (equal in 74,611 cases)	152,179 Anes + Non-Anes Cases	8/13/15
MN_SCHED_TIME	Midnight Schedule Time	Date	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The time and date that a procedure is scheduled as of 00:00 the day of surgery (based on DATE_OF_SERVICE). In the event that a procedure is scheduled after 00:00 for the same day, then it will be the date and time of the first scheduled time.	Used to compare actual start times to preset start times on the day of surgery.	3,033 (2%) rows have null entries. Of those, 2,956 rows do not have surgery length scheduled. The ones with missing MN_sched_times are cases with no entries in the schema_case_schedule_hx table. These are cases that have no entries in the OR_CASE table, mostly imagining.	152,179 Anes + Non-Anes Cases	6/16/15
MN_UPDATE_TIME	Midnight Schedule Update Time	Timestamp(9)	YYYY-MM-DD HH:MM:SS	Yes	Missing documentation		The time and date that a procedure is scheduled time was updated by the scheduler as of 00:00 the day of surgery (based on OR_DATE). In the event that a procedure is scheduled after 00:00 for the same day, then it will be the date and time of the first update time by the scheduler.		No cases where MN_SCHED_TIME is not null and MN_UPDATE_TIME is null. 3,864 (2.6%) rows have an MN_UPDATE_TIME > MN_SCHED_TIME. Of the 3,863 rows, 2,025 of them are within 2 hours and 3,542 are within 12 hours.	152,179 Anes + Non-Anes Cases	6/16/15
SCHED_MINS	Scheduled Minutes	Number(38,0)	NNN	Yes	Missing documentation		The number of minutes that the case was scheduled, does not reflect actual time.	Used to compare scheduled case length to actual length	2,956 (1.9%) rows where SCHED_MINS is null. These are cases without entries in OR_CASE. Top 3 locations include: Anes Floor (42% of null cases), RR IR (19% of null cases), and RR CT (10% of null cases)	152,179 Anes + Non-Anes Cases	6/16/15
UCLA_ROOM	UCLA Room Number	Varchar2(200)	CC CCC NN	Yes	Missing documentation	Yes	The room hospital initials and room number for the procedure		3,058 (2%) rows where UCLA_ROOM is null. These are cases without entries in OR_CASE. Top 3 locations include: Anes Floor (42% of null cases), RR IR (19% of null cases), and RR CT (10% of null cases). Notice the similarity to SCHED_MINS.	152,179 Anes + Non-Anes Cases	6/16/15
UCLA_LOC	UCLA Location Name	Varchar2(80)	CC CCC	Yes	Missing documentation	Yes	The hospital initials and location/department name		No rows with null UCLA_LOC.	152,179 Anes + Non-Anes Cases	6/16/15
CASE_SRV_NAME	Surgery Service	Varchar2(254)	Character String	Yes	Missing documentation		The proceduralist sub specialty (i.e. neurosurgery, urology, cardiology, etc)	Case demographics	2,956 (1.9%) rows where CASE_SRV_NAME is null. These are cases without entries in OR_CASE. Top 3 locations include: Anes Floor (42% of null cases), RR IR (19% of null cases), and RR CT (10% of null cases)	152,179 Anes + Non-Anes Cases	6/16/15
PAT_CLASS	Patient Class	Varchar2(254)	SURGERY OUTPATIENT, OVERNIGHT RECOVERY, SAME DAY ADMIT, INPATIENT, OUTPATIENT, EMERGENCY, DECEASED	Yes	Missing documentation		Patient class (i.e. Inpatient, outpatient, same day admit)	Case demographics	2,900 (1.9%) rows where PAT_CLASS is null. These are cases without entries in OR_CASE. Top 3 locations include: Anes Floor (42% of null cases), RR IR (19% of null cases), and RR CT (10% of null cases)	152,179 Anes + Non-Anes Cases	6/16/15
FIRST_ATT_NAME	First Anes Attending Name	Varchar2(4000)	Character String	Yes	Anesthesia not involved		The name of the anesthesia attending first responsible for an anesthesia case. In the event that there are multiple attendings, the one with the lower ID number will be chosen.	Evaluate for the existence of an attending in the case. This is also used for inclusion criteria.	75 (0.08%) rows when ANES_TIMES_YN value = 1 and FIRST_ATT_NAME is null. Of the 75 rows, 16 are paper charts.	93,187 Anes Cases Only	6/16/15
FIRST_ATT_ID	First Anes Attending ID	Varchar2(4000)	NNNNN	Yes	Anesthesia not involved		The ID number (pager) of the anesthesia attending first responsible for an anesthesia case. In the event that there are multiple attendings, the one with the lower ID number will be chosen.		The same 75 (0.08%) rows are null. No cases where FIRST_ATT_NAME is not null and FIRST_ATT_ID is null.	93,187 Anes Cases Only	6/16/15
FIRST_RES_NAME	First Anes Resident Name	Varchar2(4000)	Character String	Yes	No resident involved		The name of the anesthesia resident first responsible for an anesthesia case. In the event that there are multiple attendings, the one with the lower ID number will be chosen.		47,916 (51.4%) rows when ANES_TIMES_YN value = 1 and FIRST_RES_NAME is null. Verified that there are 54,357 distinct cases in the MV_SCHEMA_CASE_ANES_STAFF with a resident involved.	93,187 Anes Cases Only	6/16/15
FIRST_RES_ID	First Anes Resident ID	Varchar2(4000)	NNNNN	Yes	No resident involved		The ID number (pager) of the anesthesia resident first responsible for an anesthesia case. In the event that there are multiple attendings, the one with the lower ID number will be chosen.		The same 47,916 (51.4%) rows are null. No cases where FIRST_RES_NAME is not null and FIRST_RES_ID is null.	93,187 Anes Cases Only	6/16/15
FIRST_CRNA_NAME	First CRNA Name	Varchar2(4000)	Character String	Yes	No CRNA involved		The name of the anesthesia CRNA first responsible for an anesthesia case. In the event that there are multiple attendings, the one with the lower ID number will be chosen.		66,477 (71.3%) rows when ANES_TIMES_YN value = 1 and FIRST_CRNA_NAME is null. Verified that there are 29,024 distinct cases in the MV_SCHEMA_CASE_ANES_STAFF with a CRNA involved.	93,187 Anes Cases Only	6/16/15

Variable Name	Formal Name	Data Type	Format (N=number C=Character)	Nullable	Null Case	Indexed	Column Description	Clarified Application	Validation Notes	Validation Denominator	Validation Date
FIRST_CRNA_ID	First CRNA ID	Varchar2(4000)	NNNNN	Yes	No CRNA involved		The ID number (pager) of the anesthesia CRNA first responsible for an anesthesia case. In the event that there are multiple attendings, the one with the lower ID number will be chosen.		The same 66,477 (71.3%) rows are null. No cases where FIRST_CRNA_NAME is not null and FIRST_CRNA_ID is null.	93,187 Anes Cases Only	6/16/15
LAST_ATT_NAME	Last Anes Attending Name	Varchar2(4000)	Character String	Yes	Anesthesia not involved		The name of the anesthesia attending to start latest in an anesthesia case. In the event that there are multiple attendings with the exact same start time, the one with the lower ID number will be chosen.		0 null entries when a first provider exists. The same 75 (0.08%) rows are null for LAST_ATT_NAME as FIRST_ATT_NAME. 11,944 (12.8%) rows are different than FIRST_ATT_NAME.	93,187 Anes Cases Only	6/16/15
LAST_ATT_ID	Last Anes Attending ID	Varchar2(4000)	NNNNN	Yes	Anesthesia not involved		The ID number (pager) of the anesthesia attending to start latest in an anesthesia case. In the event that there are multiple attendings with the exact same start time, the one with the lower ID number will be chosen.		The same 75 (0.08%) rows are null. No cases where LAST_ATT_NAME is not null and LAST_ATT_ID is null.	93,187 Anes Cases Only	6/16/15
LAST_RES_NAME	Last Anes Resident Name	Varchar2(4000)	Character String	Yes	No resident involved		The name of the anesthesia resident to start latest in an anesthesia case. In the event that there are multiple attendings with the exact same start time, the one with the lower ID number will be chosen.		0 null entries when a first provider exists. The same 47,916 (51.4%) rows are null for LAST_RES_NAME as FIRST_RES_NAME. 3,974 (4.3%) rows are different than FIRST_RES_NAME.	93,187 Anes Cases Only	6/16/15
LAST_RES_ID	Last Anes Resident ID	Varchar2(4000)	NNNNN	Yes	No resident involved		The ID number (pager) of the anesthesia resident to start latest in an anesthesia case. In the event that there are multiple attendings with the exact same start time, the one with the lower ID number will be chosen.		The same 47,916 (51.4%) rows are null. No cases where FIRST_RES_NAME is not null and LAST_RES_ID is null.	93,187 Anes Cases Only	6/16/15
LAST_CRNA_NAME	Last CRNA Name	Varchar2(4000)	Character String	Yes	No CRNA involved		The name of the anesthesia CRNA to start latest in an anesthesia case. In the event that there are multiple attendings with the exact same start time, the one with the lower ID number will be chosen.		0 null entries when a first provider exists. The same 66,477 (71.3%) rows are null for LAST_CRNA_NAME as FIRST_CRNA_NAME. 1,063 (1.7%) rows are different than FIRST_CRNA_NAME.	93,187 Anes Cases Only	6/16/15
LAST_CRNA_ID	Last CRNA ID	Varchar2(4000)	NNNNN	Yes	No CRNA involved		The ID number (pager) of the anesthesia CRNA to start latest in an anesthesia case. In the event that there are multiple attendings with the exact same start time, the one with the lower ID number will be chosen.		The same 66,477 (71.3%) rows are null. No cases where FIRST_CRNA_NAME is not null and LAST_CRNA_ID is null.	93,187 Anes Cases Only	6/16/15
ANES_CASE_MINUTES	Anesthesia Case Minutes	Number(22)	NNN	Yes	Anesthesia not involved or missing either anesthesia start or stop times		(Anesthesia stop time - anesthesia start time) in minutes	Used to compare against anes_resident_minutes and anes_crna_minutes	56,990 (61.2%) rows where ANES_CASE_MINUTES is null. The same cases are missing either ANES_START or ANES_STOP. 6 cases have values < 0 indicating that anes_start > anes_stop (these have been set to null). Range is 1-76,532 minutes.	93,187 Anes Cases Only	6/16/15
ANES_RESIDENT_MINUTES	Anesthesia Total Resident Minutes	Number(22)	NNN	Yes	No resident involved		The minutes that there is a resident in an operating room. Minutes are not added when providers are in the room simultaneously.	Used to assess whether the case was staffed with residents versus a solo attending	3,170 (6.7%) rows have ANES_RESIDENT_MINUTES > ANES_CASE_MINUTES (possible due to workflow.) 4 rows have values for FIRST_RES_ID/LAST_RES_ID but ANES_RESIDENT_MINUTES is null.	47,530 Anes Resident Cases Only	6/16/15
ANES_CRNA_MINUTES	Anesthesia Total CRNA Minutes	Number(22)	NNN	Yes	No CRNA involved		The minutes that there is a CRNA in an operating room. Minutes are not added when providers are in the room simultaneously.	Used to assess whether the case was staffed with CRNA versus a solo attending	484 (1.7%) rows have ANES_CRNA_MINUTES > ANES_CASE_MINUTES (possible due to workflow.) 1 row has a value for FIRST_CRNA_ID/LAST_CRNA_ID but ANES_CRNA_MINUTES is null.	28,895 Anes CRNA Cases Only	6/16/15
SURG_PROV_NAME	Surgeon Name	Varchar2(4000)	Character String	Yes	Missing documentation		The name of the proceduralist(s) that is		3,030 (2%) rows where SURG_PROV_NAME is null. 0 rows	152,179 Anes +	6/16/15
SURG_PROV_ID	Surgeon ID	Varchar2(4000)	NNNNN	Yes	Missing documentation		The pager ID numbers for the above		The same 3,030 (2%) rows are null. No cases where	152,179 Anes +	6/16/15
ASA_SCORE	ASA Score	Varchar2(512)	N	Yes	Anesthesia not involved		The ASA score that is documented in the		82 (0.09%) rows where ASA_SCORE is null and	93,187 Anes	6/16/15
ASA_EMERGENT	ASA Score Emergent	Varchar2(512)	1	Yes	Anesthesia not involved		1 if the ASA score is emergent, null		0 rows where ASA_SCORE is null and ASA_EMERGENT is not	93,187 Anes	6/16/15
TOTAL_SURGERY_ON_DATE	Total Surgeries on Surgery Date	Number(22)	NN	Yes	Null when admsn_id is		This counts the numbers of surgeries that	Used to identify if a patient	1,473 (1%) rows where TOTAL_SURGERY_ON_DATE is null	152,179 Anes +	6/16/15