Supplemental Table 2. Patient demographics and operative from both datasets; manual anesthesia record review (n=2807) and electronically searched medical charts (n= 20,181). Only the implementation ramp up period is shown. Median [25th, 75th percentile] for continuous variables; percent for categorical variables.

|  |  |
| --- | --- |
|  | Implementation ramp up 10/01/2018 - 1/31/2020 |
| Number patient surgeries |
|  Anesthesia records | 997 |
|  Electronic charts | 6990 |
| Age, years |
|  Anesthesia records, mean ±SD | 59 ±16 |
|  Electronic charts, median [25th, 75th percentile] | 59.3, [44.7,69.7] |
| Patient Type |
|  Anesthesia records | Female 570/997 (57%)Male 427/997 (43%) |
|  Electronic charts | Female 4009/6990 (57%)Male 2981/6990 (43%) |
| Admit Type |
|  Anesthesia records |  |
|  Inpatient | 490/997 (49%) |
|  Observation | 7/997 (0.7%) |
|  Outpatient | 500 (50) |
|  Electronic charts |  |
|  Inpatient | 2995/6990 (43%) |
|  Observation | 31/6990 (0.4%) |
|  Outpatient | 3964/6990 (57%) |
| Patient Service |
|  Anesthesia records |  |
|  General Surgery | 363/997 (36%) |
|  Gyn | 99/997 (10%) |
|  Oto | 81/997 (8%) |
|  Other | 454/997 (46%) |
|  Electronic charts |  |
|  General Surgery | 2746/6990 (39%) |
|  Gyn | 764/6990 (11%) |
|  Oto | 631/6990 (9%) |
|  Other | 2849/6990 (41%) |
| ASA Class |
|  Anesthesia records |  |
|  1  | 83/997 (8%) |
|  2  | 544/997 (55%) |
|  3  | 335/997 (34%) |
|  4 or 5 | 31/997 (3%) |
|  Not assigned | 4/997 (0.4%) |
|  Emergency | 29/997 (3%) |
|  Electronic charts |  |
|  1  | 728/6990 (10%) |
|  2  | 3998/6990 (57%) |
|  3  | 2152/6990 (31%) |
|  4 or 5 | 111/6990 (2) |
|  Not assigned | 1/6990 (0.01%) |
|  Emergency | 176/6990 (3%) |
| Admit Type |
|  Anesthesia records |  |
|  Emergency | 53/997 (5%) |
|  Urgent | 64/997 (6%) |
|  Elective | 880/997 (88%) |
|  Electronic charts |
|  Emergency | 384/6990 (5%) |
|  Urgent | 317/6990 (5%) |
|  Elective | 6289/6990 (90%) |
| Neuromuscular blocking agent |
|  Anesthesia records |  |
|  Cisatracurium | 28/997 (3%) |
|  Rocuronium | 969/997 (97%) |
|  Electronic charts |  |
|  Cisatracurium | 152/6990 (2%) |
|  Rocuronium | 6838/6990 (98%) |
| Reversal Type  |
|  Anesthesia records |  |
|  Neostigmine | 414/997 (42%) |
|  Sugammadex | 514/997 (52%) |
|  No reversal | 69/997 (7%) |
|  Electronic charts |  |
|  Neostigmine | 3166/6990 (45%) |
|  Sugammadex | 3366/6990 (48%) |
|  No reversal | 458/6990 (7%) |
| Surgery Duration, minutes  |
|  Anesthesia records, mean ±SD | 130 ±101 N=978 |
|  Electronic charts, median [25th, 75th percentile ] | 104 [63,165] |