This data was originally collected by clinicians at the University of Colorado Hospital.

Original paper and link to data source: Mariotti et al. (2023), “Operational outcomes of propofol sedation versus fentanyl, midazolam and diphenhydramine sedation for endoscopies and colonoscopies at an academic medical center.” <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0294418>

Variables in this dataset:

* SEDATION\_PROVIDER (chr): the protocol under which anesthesia was administered (Nursing or Anesthesia)
* SEX (chr): the patient’s sex
* AGE (dbl): the patient’s age
* BMI (dbl): the patient’s body mass index
* Procedure (chr): the type of endoscopy or colonoscopy performed
* IN\_ROOM\_TIME (chr, should be date-time): date and time at which the patient entered the endoscopy room
* SCOPE\_IN\_TIME (chr, should be date-time): date and time at which the endscope was inserted
* INROOM-SCOPEIN (dbl): time, in minutes, between the patient entering the room and the start of the endoscopy procedure
* PAIN\_MED\_GIVEN\_TIME (chr, should be date-time): date and time at which pain medication was administered by the anesthesiologist
* SEDATIONSTART-SCOPEIN (dbl): time, in minutes, between the administration of pain medication and the start of the endoscopy procedure
* SCOPE\_OUT\_TIME (chr, should be date-time): date and time at which the endoscope was removed
* OUT\_ROOM\_TIME (chr, should be date-time): date and time at which the patient left the endoscopy room
* SCOPEOUT-OUTROOM (dbl): time, in minutes, between the end of the procedure and the patient leaving the endoscopy room
* PACU\_ENTRY\_TIME (chr, should be date-time): date and time at which the patient entered the post-anesthesia care unit (PACU)
* PACU\_DISCHARGE\_TIME (chr, should be date-time): date and time at which the patient left the PACU
* PROC\_CASE\_LENGTH (dbl): the total time the patient spent in the endoscopy room
* PACU\_TIME (dbl): the total time the patient spent in the PACU
* Apnea, Asthma, CoroArtD, GERD, HepDys, HyperTension, KidneyD, LiverD, PulHyTen, RenalDysOrFail, ValvularD (dbl): each of these variables indicates whether the patient had (1) or didn’t have (0) a specific comorbidity (an additional disease or disorder). Some of these variables are fairly easy to figure out what additional disease is being described (e.g., Asthma), but other variables are less easy.
* Sum of MedHx Binaries (dbl): the total number of listed comorbidities for that patient
* \*\_Dose (dbl): the dosage of the drug (given by \* in the variable name) administered to the patient in the PACU
* \*\_Unit (chr): the measurement units of the drug dose
* \*\_Admin\_PACU: the number of drugs administered to the patient in the PACU for a particular reason (given by \* in the variable name, I’m not sure what some of those reasons are)
* Sum of Meds: the total number of drugs administered to the patient in the PACU