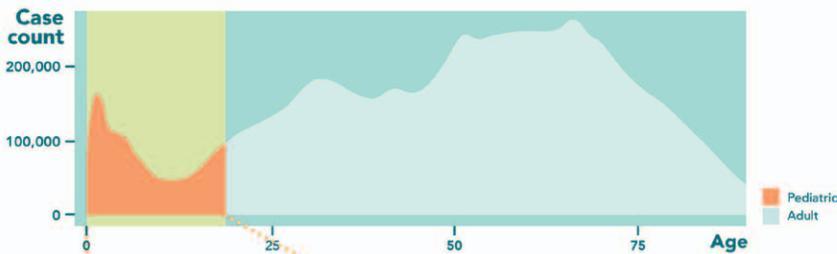


ANESTHESIOLOGY



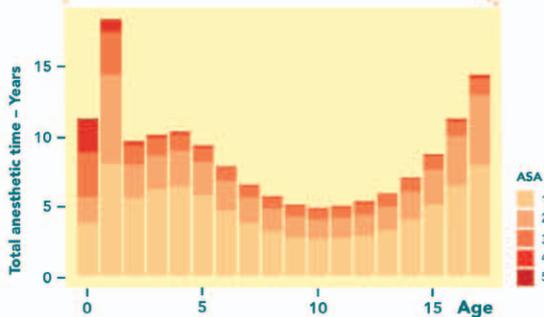
Pediatric Patients A Little Part of Our Anesthesia Practice

Of the 14.2 million anesthetics reported to the Anesthesia Quality Institute between 2010 and 2013...



...10% were for pediatric patients...

...presenting for these procedures...



T&A
Myringotomy
Dental services
Upper GI endoscopy

MRI
Appendectomy
Skin lesion excision
Male genital procedures
Fracture & dislocation
Other orthopedic procedures

...and 95% were general anesthetics.



We queried the Anesthesia Quality Institute Participant User File for the National Anesthesia Clinical Outcomes Registry; 14,208,920 anesthetics with patient ages were available in the dataset between 2010 and 2013. We grouped these anesthetics by age, classifying pediatric patients as those between the ages of 0 and 18 yr. There were 1,429,819 pediatric anesthetics (10% of total), which we grouped by age, categorized by American Society of Anesthesiologists Physical Status and analyzed using collective length of anesthetic exposure in years. We determined the top 10 procedure types for pediatric anesthetics, which are displayed in rank order. The relative proportion of these cases ranged from 1.8% to 13.8%, and the size of the procedure name is weighted to this proportion. Finally, we analyzed the distribution of the anesthetic approach, which skewed heavily toward general anesthetics (95%), with less frequent utilization of monitored anesthesia care, sedation, and local anesthetics (3.1%); neuraxial anesthetics (1.4%); and regional anesthesia (0.5%). ASA = American Society of Anesthesiologists Physical Status; GA = general anesthesia; GI = gastrointestinal; MAC = monitored anesthesia care; MRI = magnetic resonance imaging; T&A = tonsillectomy and/or adenoidectomy.

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