

Background

- 81,000 opioid-related deaths in 2023; pediatric exposure remains concerning
- Surgery is a common first exposure to prescription opioids in youth
- ERAS protocols reduce opioid use by 38–56% across surgical populations
- National outpatient prescribing patterns in pediatric craniofacial surgery are unknown

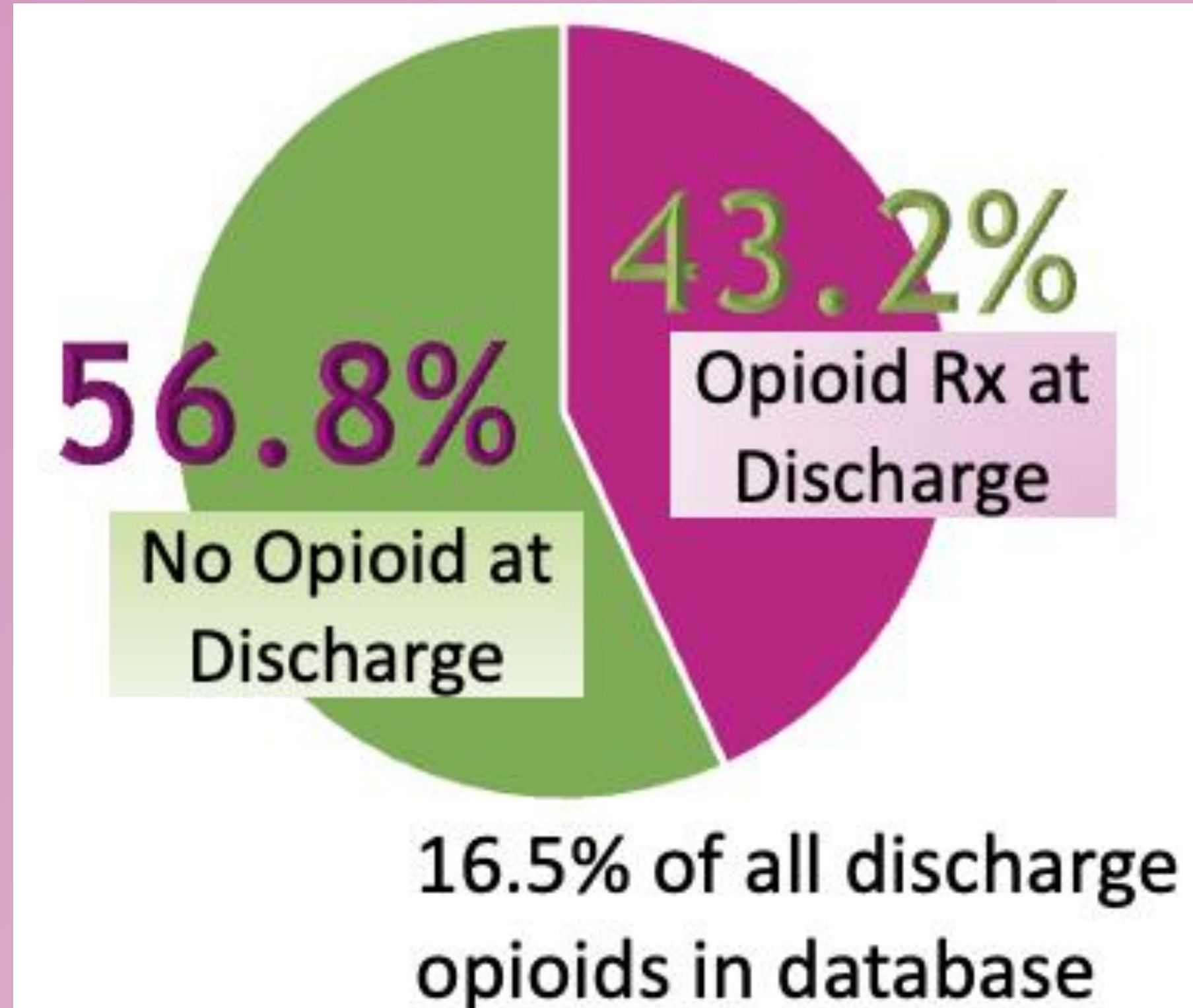
Purpose Characterize national patterns of discharge opioid prescribing after pediatric craniofacial surgery

Methods

- Retrospective analysis of *Pediatric National Quality Improvement Program* (PNSQIP)
- 2023 data after a variable for opioids prescribed at discharge was added to national reporting
- Craniofacial procedures grouped and opioid prescribing at discharge was analyzed

Results

20,625 Cleft and Craniofacial CPT Procedures
7,260 (43%) with opioid Rx at discharge

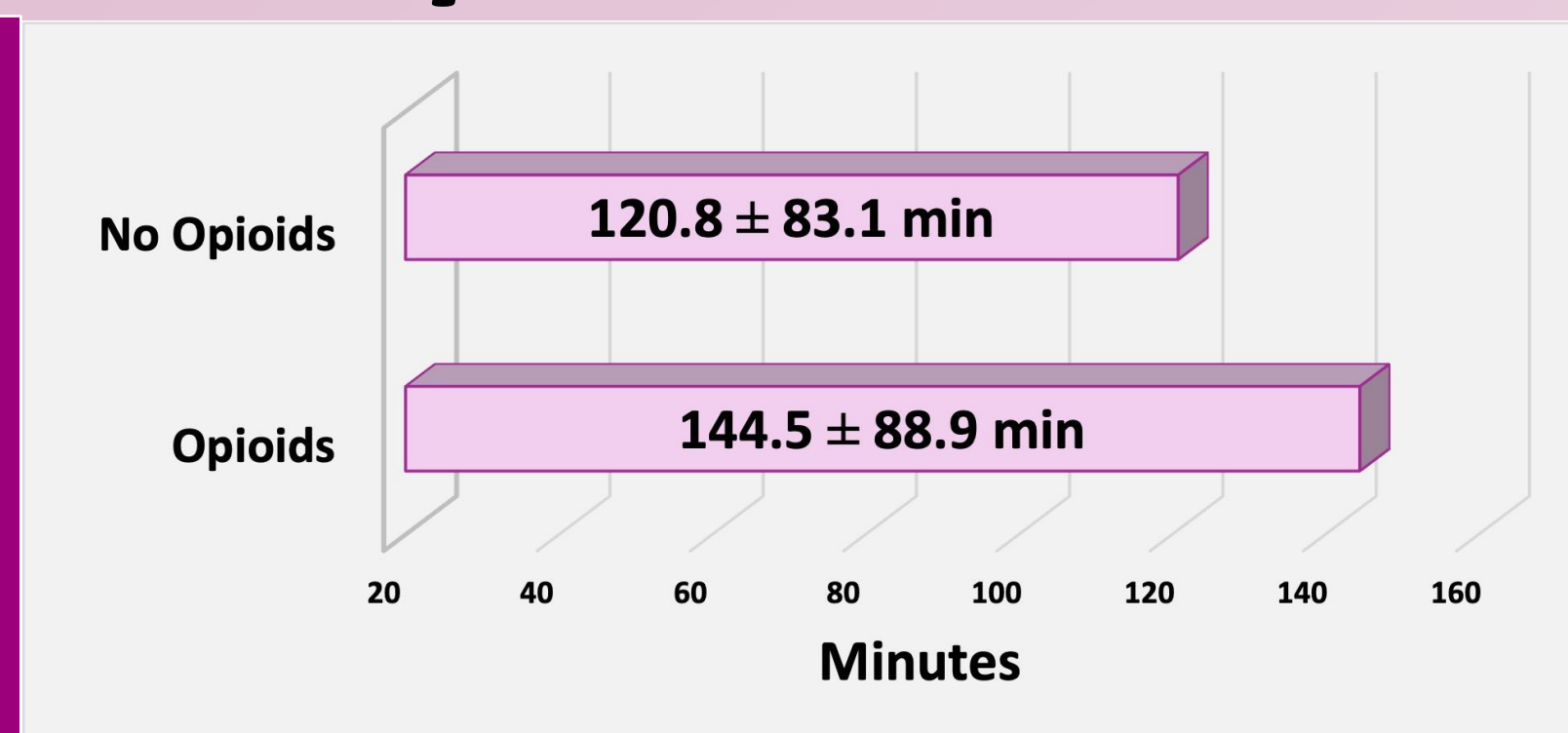


70% in orthognathic/midface
50% in rhinoplasty and cleft
40% in cranial and general
30% in soft tissue cases

Category	CPT Code	% with Opioid	Category	CPT Code	% with Opioid	Category	CPT Code	% with Opioid	Category	CPT Code	% with Opioid
Rhinoplasty and Nasal Reconstruction	30420	73.88	Soft Tissue Excision / Local Flaps	11424	71.43	Orthognathic and Midface Osteotomy	21147	81.82	Cleft Lip and Palate Procedures	42210	66.13
	30410	65.22		15733	53.59		21146	78.95		42235	63.49
	30462	59.08		11423	41.67		21141	75.18		42225	59.18
	30600	55.95		11422	40		21142	75		42205	56.21
	30520	54.29		14040	36.56		21145	72.13		40702	54.55
	30465	53.9		11421	36.36		21143	66.67		42226	54.55
	30460	49.23		11441	33.33		21196	60.31		42200	52.53
	30430	46.15		11443	30		21154	54.55		42220	52.19
	30400	34.38		11440	28.57		21159	50		42215	51.54
	30450	30		11446	28.57	Cranial Vault / Craniosynostosis Procedures	21179	52.78		40701	45
Grafts and Tissue Expansion	30435	28.57		11420	26.92		61558	46.96		40700	43.61
	11960	53.66		11426	26.67		61559	46.19		40720	38.1
	21230	49.78		11442	25		61500	44.44		40761	36.36
	15260	38.27		69300	25		21175	44.04			
	15240	37.38		11444	0		61557	42.52			
	21235	33.6	Other	42950	53.13		21180	34.85			
	15120	32.65		42815	10.04		61550	30.45			
	15220	22.39		42810	5.42		61556	30.37			

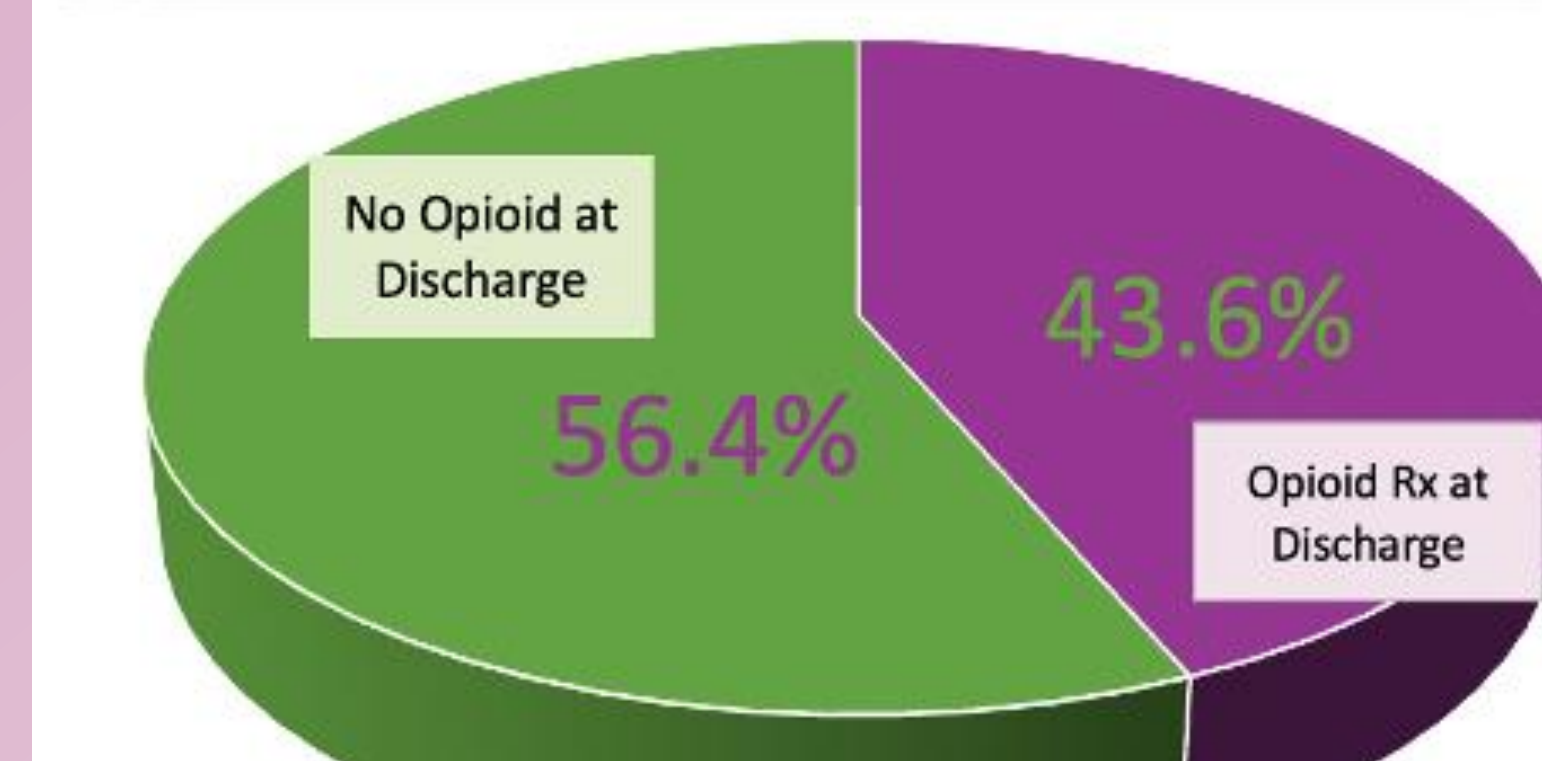
↑ Opioids with Operative Time

Longer operative times when opioids are prescribed

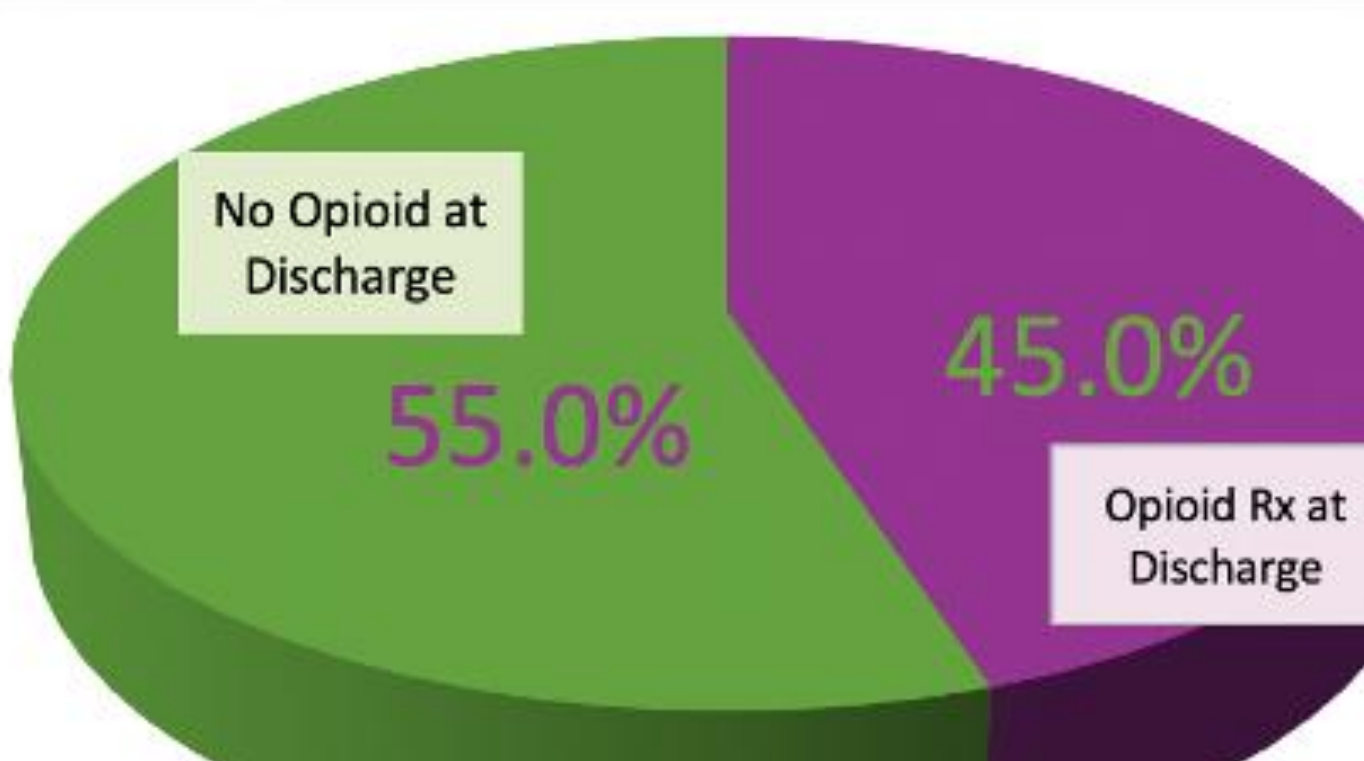


Prescribing in Cleft Lip Repair

40700: Primary unilateral cleft lip/nasal repair



40701: Primary bilateral cleft lip/nasal repair



ASCFS opioid sparing guidelines exist for Cleft Lip Repair

Oxycodone was most common type prescribed
P=.001

Conclusions

CF surgeons are responsible for a significant portion of peds opioid prescriptions

Opioid prescribing remains high despite ASCFS ERAS® taskforce protocols

Potential to adopt & develop ERAS® protocols with improve monitoring