

Table 1: Patient Characteristics and Outcomes

		Total n = 1 101	Opioids Only n = 537	Opioids and Intravenous Acetaminophen n = 564	P Value
Gender					P = 0.19
	Male	642 (58.3%)	302 (56.2%)	340 (60.3%)	
	Female	458 (41.6%)	234 (43.6%)	224 (39.7%)	
	Unknown	1 (0.1%)	1 (0.0%)	0 (0.0%)	
Ethnicity					P = 0.07
	Not Hispanic or Latino	816 (74.1%)	377 (70.2%)	439 (77.8%)	
	Hispanic or Latino	195 (17.7%)	104 (19.4%)	91 (16.1%)	
	Unknown	90 (8.2%)	56 (10.4%)	34 (6.0%)	
Race					P = 0.007
	White	745 (67.7%)	354 (65.9%)	391 (69.3%)	
	Black	113 (10.3%)	69 (12.8%)	44 (7.8%)	
	Asian	33 (3.0%)	13 (2.4%)	20 (3.5%)	
	Pacific Islander	6 (0.5%)	0 (0.0%)	6 (1.1%)	
	American Indian	3 (0.3%)	1 (0.2%)	2 (0.4%)	
	Other	141 (12.8%)	61 (11.4%)	80 (14.2%)	
	Unknown	60 (5.4%)	39 (7.3%)	21 (3.7%)	
Primary Source of Payment					P = 0.15
	In-State Medicaid (managed care)	260 (23.6%)	136 (25.3%)	124 (22.0%)	
	Commercial Other	225 (20.4%)	110 (20.5%)	115 (20.4%)	
	Commercial PPO	192 (17.4%)	86 (16.0%)	106 (18.8%)	
	In-State Medicaid (other)	165 (15.0%)	80 (14.9%)	85 (15.1%)	

	Commercial HMO	132 (12.0%)	69 (12.8%)	63 (11.2%)	
	Out-of-State Medicaid (all)	57 (5.2%)	29 (5.4%)	28 (5.0%)	
	Self Pay	13 (1.2%)	6 (1.1%)	7 (1.2%)	
	TRICARE	12 (1.1%)	4 (0.7%)	8 (1.4%)	
	CHIP	7 (0.6%)	5 (0.9%)	2 (0.4%)	
	Other Payor	20 (1.8%)	6 (1.1%)	14 (2.5%)	
	Other Government	6 (0.5%)	0 (0.0%)	6 (1.1%)	
	Unknown	12 (1.1%)	6 (1.1%)	6 (1.1%)	
Region					P = 0.87
	South	372 (33.8%)	183 (34.1%)	189 (33.5%)	
	Midwest	296 (26.9%)	140 (26.1%)	156 (27.7%)	
	West	263 (23.9%)	127 (23.6%)	136 (24.1%)	
	Northeast	170 (15.4%)	87 (16.2%)	83 (14.7%)	
Mean Birthweight (gram)*		2 420.4	2 380.4	2 461.7	P = 0.09
Mean Gestation Age (Weeks)**		36.0	35.7	36.3	P = 0.04
Mean Admit Age (Days)		0.66	0.73	0.60	P = 0.79
Diagnosis					P = 0.55
	Atresia of esophagus with tracheoesophageal fistula	994 (90.3%)	480 (89.4%)	514 (91.1%)	
	Atresia of esophagus without fistula	104 (9.4%)	55 (10.2%)	49 (8.7%)	
	Congenital tracheoesophageal	3 (0.3%)	2 (0.4%)	1 (0.2%)	

fistula without atresia				
Mean Comorbidities	34.2	32.6	35.7	P = 0.003
Mean Congenital Comorbidities	8.5	8.3	8.6	P = 0.38
Mean Congenital Cardiac Comorbidities	2.4	2.4	2.4	P = 0.70
Discharge Type	P = 0.03			
Discharge to Home or Self Care (Routine Discharge)	762 (69.2%)	330 (61.5%)	432 (76.6%)	
Discharged/Transferred to Home under Care of Organized Home Health Service Organization in Anticipation of Covered Skilled Care	166 (15.1%)	83 (15.5%)	83 (14.7%)	
Discharged/Transferred to a Short-term General Hospital for Inpatient Care	27 (2.5%)	18 (3.4%)	9 (1.6%)	
Discharged/Transferred to a Short-term General Hospital for Inpatient Care	27 (2.5%)	18 (3.4%)	9 (1.6%)	

Discharged/Transferred to Long Term Care Hospitals (LTCH)	3 (0.3%)	0 (0.0%)	3 (0.5%)
Discharged/Transferred to a Skilled Nursing Facility (SNF) with Medicare Certification in Anticipation of Skilled Care	3 (0.3%)	2 (0.4%)	1 (0.2%)
Discharged/Transferred to an Intermediate Care Facility (ICF)	2 (0.2%)	1 (0.2%)	1 (0.2%)
Hospice – Home	2 (0.2%)	2 (0.4%)	0 (0.0%)
Discharged/transferred to a designated cancer center or children's hospital with a planned acute care hospital inpatient readmission	1 (0.1%)	1 (0.2%)	0 (0.0%)
Discharged/transferred to a short term general hospital for inpatient care with a planned acute care hospital inpatient readmission	1 (0.1%)	0 (0.0%)	1 (0.2%)
Discharged/transferred to a short term general hospital for inpatient care with	1 (0.1%)	0 (0.0%)	1 (0.2%)

a planned acute care hospital inpatient readmission				
Discharged/Transf erred to an Inpatient Rehabilitation Facility (IRF) Including Rehabilitation Distinct Part Units of a Hospital	1 (0.1%)	1 (0.2%)	0 (0.0%)	
Discharged/transfe rred to another Type of Health Care Institution not Defined Elsewhere	4 (0.4%)	2 (0.4%)	2 (0.4%)	
Unknown	10 (0.9%)	4 (0.7%)	6 (1.1%)	
Expired	104 (9.4%)	81 (15.1%)	23 (4.1%)	
Mean Cumulative Opioid Dosage (microgram)	248 729.1	262 897.2	235 239.13	P = 0.007
Mean Daily Opioid Dosage (microgram)	2 710.3	2 789.7	2 634.7	P < 0.001
Mean Cumulative Intravenous Acetaminophe n Dosage (mg)			2 973.5	
Mean Days on Total Parenteral Nutrition	41.9	24.4	58.7	P < 0.001

Median Length-of-stay		38.0	32.0	47.5	P < 0.001
Flags					
	Premature and Neonatology	499 (45.3%)	239 (44.5%)	260 (46.1%)	P = 0.60
	Technology Dependent	458 (41.6%)	224 (41.7%)	234 (41.5%)	P = 0.94
	Infection	439 (39.9%)	182 (33.9%)	257 (45.6%)	P < 0.001
	Surgical Complication	420 (38.1%)	169 (31.5%)	251 (44.5%)	P < 0.001
	Medical Complication	32 (2.9%)	9 (1.7%)	23 (4.1%)	P = 0.02
	Extracorporeal membrane oxygenation	21 (1.9%)	11 (2.0%)	10 (1.8%)	P = 0.74
Mean Adjusted Total Costs		\$279 553	\$284 516	\$274 827	P = 0.37
Mean Adjusted Daily Costs		\$17 947	\$28 150	\$8 233	P < 0.001
Mean Standardized Costs					
	Clinical	\$27 129	\$27 649	\$26 635	P = 0.76
	Pharmacy	\$20 453	\$21 794	\$19 175	P = 0.79
	Supply	\$9 889	\$9 157	\$10 586	P = 0.45
	Lab	\$9 833	\$9 853	\$9 813	P = 0.99
	Imaging	\$5 924	\$5 908	\$5 939	P = 0.64
	Other	\$168 616	\$171 329	\$166 032	P = 0.85

* n = 989, excluding incomplete data

** n = 826, excluding incomplete data