

Organ Space												
SSI	30	0.13	1.48	0.04	6	0.09	0.99	0.98	4	0.1	1.11	0.84
Osteomyelitis	7	0.03	1.62	0.22	0	0	0	0.25	0	0	0	0.38
Other	3793	16.95	3.04	<0.01	2726	42.2	7.49	<0.01	2574	66.93	11.87	<0.01
Respiratory	156	0.7	1.72	<0.01	10	0.15	0.36	<0.01	2	0.05	0.12	<0.01
Return to OR	157	0.7	1.41	<0.01	19	0.29	0.57	0.01	13	0.34	0.66	0.13
Sepsis	112	0.5	1.49	<0.01	26	0.4	1.16	0.45	15	0.39	1.12	0.66
Stroke	62	0.28	1.03	0.85	15	0.23	0.86	0.55	10	0.26	0.96	0.90
Superficial SSI	40	0.18	1.7	<0.01	4	0.06	0.56	0.24	2	0.05	0.47	0.27
Pressure Ulcer	97	0.43	1.08	0.44	11	0.17	0.42	<0.01	3	0.08	0.19	<0.01
Unplanned												
RICU	345	1.54	1.15	0.01	95	1.47	1.09	0.40	72	1.87	1.39	0.01
VAP	276	1.23	1.89	<0.01	63	0.98	1.42	0.01	53	1.38	2.01	<0.01
Mortality	724	3.24	0.9	<0.01	194	3	0.84	0.01	98	2.55	0.71	<0.01
	Mdn	%	RR	p	Opioid	%	RR	p	Oxy	%	RR	p
CLABSI	4	0.16	2.76	0.04	8	0.04	0.58	0.13	2	0.06	0.95	0.95
Deep SSI	3	0.12	0.91	0.87	34	0.15	1.14	0.47	4	0.11	0.85	0.74
DVT	12	0.49	0.68	0.17	117	0.52	0.71	<0.01	13	0.37	0.51	0.01
EtOH												
Withdrawal	29	1.18	1.36	0.10	193	0.86	0.99	0.85	34	0.97	1.12	0.53
Cardiac Arrest	13	0.53	0.83	0.52	93	0.41	0.64	<0.01	10	0.29	0.45	0.01
CAUTI	12	0.49	1.77	0.05	49	0.22	0.78	0.08	13	0.37	1.34	0.29
Embolism	9	0.37	1.09	0.79	77	0.34	1.03	0.82	6	0.17	0.51	0.09
Extremity CS	6	0.24	2.43	0.03	35	0.16	1.61	0.01	4	0.11	1.13	0.81
Intubation	38	1.55	1.39	0.04	219	0.98	0.87	0.04	46	1.31	1.18	0.26
Kidney	15	0.61	1.1	0.71	108	0.48	0.86	0.12	12	0.34	0.61	0.09
MI	4	0.16	1.11	0.84	25	0.11	0.74	0.15	3	0.09	0.58	0.34
Organ Space												
SSI	1	0.04	0.43	0.39	20	0.09	0.95	0.81	1	0.03	0.3	0.21
Osteomyelitis	0	0	0	0.48	5	0.02	1.12	0.81	0	0	0	0.40
Other	103	4.19	0.65	<0.01	1289	5.75	0.89	<0.01	166	4.74	0.74	<0.01
Respiratory	10	0.41	0.95	0.88	82	0.37	0.85	0.14	6	0.17	0.4	0.02
Return to OR	5	0.2	0.39	0.03	96	0.43	0.82	0.06	24	0.69	1.34	0.15
Sepsis	13	0.53	1.53	0.13	74	0.33	0.94	0.64	6	0.17	0.49	0.08
Stroke	8	0.33	1.2	0.60	43	0.19	0.69	0.02	8	0.23	0.84	0.63
Superficial SSI	3	0.12	1.11	0.86	24	0.11	0.97	0.88	5	0.14	1.3	0.56
Pressure Ulcer	9	0.37	0.91	0.78	49	0.22	0.52	<0.01	8	0.23	0.57	0.10
Unplanned												
RICU	30	1.22	0.9	0.57	286	1.27	0.94	0.31	51	1.46	1.08	0.59
VAP	20	0.81	1.17	0.48	113	0.5	0.71	<0.01	21	0.6	0.86	0.50
Mortality	84	3.42	0.95	0.66	425	1.89	0.51	<0.01	81	2.31	0.64	<0.01
	PCP	%	RR	p	Tricyc	%	RR	p	Cnb	%	RR	p

CLABSI	4	0.14	2.4	0.07	2	0.13	2.11	0.28	35	0.06	1.04	0.84
Deep SSI	4	0.14	1.06	0.91	2	0.13	0.93	0.92	97	0.17	1.35	0.01
DVT	17	0.6	0.84	0.47	10	0.63	0.87	0.66	474	0.84	1.21	<0.01
EtOH												
Withdrawal	22	0.78	0.89	0.60	27	1.69	1.95	<0.01	535	0.94	1.1	0.04
Cardiac Arrest	19	0.67	1.07	0.78	6	0.38	0.59	0.20	379	0.67	1.07	0.23
CAUTI	12	0.43	1.54	0.13	9	0.56	2.04	0.03	143	0.25	0.89	0.21
Embolism	13	0.46	1.38	0.24	3	0.19	0.56	0.31	185	0.33	0.97	0.70
Extremity CS	2	0.07	0.7	0.61	3	0.19	1.86	0.28	86	0.15	1.68	<0.01
Intubation	43	1.53	1.37	0.04	27	1.69	1.52	0.03	607	1.07	0.95	0.28
Kidney	21	0.75	1.35	0.17	14	0.88	1.58	0.08	263	0.46	0.81	<0.01
MI	5	0.18	1.21	0.67	3	0.19	1.28	0.67	40	0.07	0.43	<0.01
Organ Space												
SSI	2	0.07	0.75	0.69	0	0	0	0.22	74	0.13	1.52	<0.01
Osteomyelitis	0	0	0	0.45	0	0	0	0.57	16	0.03	1.53	0.14
Other	90	3.19	0.5	<0.01	66	4.13	0.65	<0.01	2814	4.96	0.74	<0.01
Respiratory	14	0.5	1.17	0.57	9	0.56	1.32	0.40	289	0.51	1.25	<0.01
Return to OR	18	0.64	1.25	0.35	9	0.56	1.1	0.78	411	0.72	1.55	<0.01
Sepsis	16	0.57	1.64	0.05	3	0.19	0.54	0.28	207	0.37	1.06	0.44
Stroke	8	0.28	1.05	0.89	6	0.38	1.39	0.42	113	0.2	0.7	<0.01
Superficial SSI	6	0.21	1.95	0.10	0	0	0	0.18	87	0.15	1.52	<0.01
Pressure Ulcer	13	0.46	1.15	0.62	6	0.38	0.93	0.87	242	0.43	1.07	0.31
Unplanned												
RICU	30	1.06	0.79	0.19	19	1.19	0.88	0.58	640	1.13	0.81	<0.01
VAP	26	0.92	1.33	0.14	15	0.94	1.36	0.24	500	0.88	1.35	<0.01
Mortality	79	2.8	0.78	0.03	61	3.82	1.07	0.60	1635	2.88	0.77	<0.01

Supplemental Table 2. Univariate Analysis of Illicit Drug UDS with Complications. (Significant protective and harmful associations shown in blue and red, respectively). Amp: Amphetamine, Barb: Barbiturate, Ecsy: Ecstasy, Benzo: Benzodiazepine, Mdn: Methadone, Oxy: Oxycodone, PCP: Phencyclidine, Tricyc: Tricyclic Antidepressant, Cnb: Cannabinoid

CLABSI: Central Line Associated Bloodstream Infection, SSI: Surgical Site Infection, DVT: Deep Venous Thrombosis, CAUTI: Catheter Associated Urinary Tract Infection, CS: Compartment Syndrome, RICU: Return to Intensive Care Unit, VAP: Ventilator Associated Pneumonia