

Supplemental Table 1. Unadjusted HCRU for Endometriosis Patients with Opioid Use in the United States

Characteristic	High-Risk vs. Low-Risk Opioid Users			Chronic vs. Non-Chronic Opioid Users		
	P-value	Low-risk Opioid Users	p-value	Chronic Opioid Users	Non-Chronic Opioid Users	p-value
	Mean (SD)	Mean (SD)		Mean (SD)	Mean (SD)	
All-Cause HCRU						
Outpatient Visits	19.74 (20.14)	14.50 (15.04)	<.0001	28.08 (24.09)	15.00 (15.66)	<.0001
ER Visits	0.75 (2.26)	0.36 (0.98)	<.0001	1.48 (3.59)	0.39 (1.08)	<.0001
Inpatient Visits	0.15 (0.52)	0.09 (0.35)	<.0001	0.26 (0.77)	0.10 (0.36)	<.0001
Total LOS	0.70 (3.41)	0.39 (2.35)	<.0001	1.30 (5.14)	0.41 (2.37)	<.0001
Pharmacy Fills	30.21 (29.53)	16.88 (17.10)	<.0001	54.93 (34.84)	17.82 (18.07)	<.0001
Endometriosis-Related HCRU						
Outpatient Visits	0.33 (1.35)	0.26 (1.12)	<.0001	0.52 (1.84)	0.26 (1.12)	<.0001
ER Visits	0.01 (0.18)	0.01 (0.08)	<.0001	0.03 (0.30)	0.01 (0.08)	<.0001
Inpatient Visits	0.01 (0.11)	0.01 (0.09)	<.0001	0.02 (0.16)	0.01 (0.09)	<.0001
Total LOS	0.05 (0.58)	0.02 (0.34)	<.0001	0.08 (0.70)	0.03 (0.39)	<.0001
Pharmacy Fills	0.15 (0.97)	0.14 (0.95)	0.2605	0.16 (0.99)	0.14 (0.95)	0.2297

Abbreviations: HCRU = health care resource utilization; ER = emergency room; LOS = length of stay; SD = standard deviation

Supplemental Table 2. Unadjusted Healthcare Costs for Endometriosis Patients with Opioid Use in the United States

Characteristic	High-Risk vs. Low-Risk Opioid Users			Chronic vs. Non-Chronic Opioid Users		
	High-risk Opioid Users	Low-risk Opioid Users	p-value	Chronic Opioid Users	Non-Chronic Opioid Users	p-value
	Mean (SD)	Mean (SD)		Mean (SD)	Mean (SD)	
All-Cause Costs						
Total costs	\$14,510 (\$27,931)	\$8,733 (\$20,216)	<.0001	\$26,020 (\$24,408)	\$9,071 (\$19,740)	<.0001
Outpatient costs	\$7,921 (\$14,876)	\$5,070 (\$13,947)	<.0001	\$13,122 (\$21,930)	\$5,279 (\$13,209)	<.0001
ER costs	\$841 (\$3,236)	\$396 (\$1,626)	<.0001	\$1,661 (\$5,199)	\$428 (\$1,714)	<.0001
Inpatient costs	\$2,817 (\$13,638)	\$1,596 (\$8,416)	<.0001	\$5,476 (\$21,049)	\$1,647 (\$8,617)	<.0001
Pharmacy costs	\$2,932 (\$11,376)	\$1,673 (\$7,660)	<.0001	\$5,761 (\$17,304)	\$1,718 (\$7,697)	<.0001
Endometriosis-Related Costs						
Total costs	\$817 (\$4,555)	\$583 (\$3,706)	<.0001	\$1,259 (\$5,584)	\$599 (\$3,800)	<.0001
Outpatient costs	\$523 (\$3,338)	\$410 (\$2,958)	<.0001	\$745 (\$3,469)	\$416 (\$3,038)	<.0001
ER costs	\$15 (\$276)	\$7 (\$197)	0.0009	\$36 (\$464)	\$7 (\$188)	<.0001
Inpatient costs	\$233 (\$2,748)	\$126 (\$1,967)	<.0001	\$416 (\$3,730)	\$134 (\$2,041)	<.0001
Pharmacy costs	\$47 (\$492)	\$41 (\$442)	0.1524	\$61 (\$559)	\$41 (\$447)	0.0150

Abbreviations: ER = emergency room; SD = standard deviation