

Table S3. Multinomial Logistic Regression- Patient Characteristics Associated with Whether the 41,561 Women Switched From or Discontinued Their Index Medication Therapy

Predictor	Discontinued Medication	Switched to Other
	Without Switch, RRR (95% CI)	Therapies, RRR (95% CI)
Index medication		
LARC	0.14 ^a (0.13-0.15)	0.36 ^a (0.33-0.39)
LA	19.23 ^a (11.32-32.64)	48.64 ^a (28.69-82.46)
SARC	Ref	Ref
TA	4.64 ^a (3.39-6.34)	4.29 ^a (3.12-5.89)
Age, y		
18-40	Ref	Ref
41-46	1.11 ^b (1.03-1.20)	1.30 ^a (1.21-1.41)
>46	1.76 ^a (1.62-1.91)	1.46 ^a (1.34-1.58)
Race		
Asian	1.36 ^a (1.16-1.59)	0.80 ^b (0.67-0.94)
Black	1.28 ^a (1.15-1.42)	1.04 (0.93-1.16)
Hispanic	1.39 ^a (1.24-1.55)	1.07 (0.96-1.20)
Unknown	1.15 ^c (1.00-1.33)	0.98 (0.85-1.14)
White	Ref	Ref
Household income		
<\$40,000	Ref	Ref
\$40,000-\$49,999	0.85 ^c (0.75-0.98)	0.97 (0.85-1.11)
\$50,000-\$59,999	0.82 ^b (0.72-0.94)	0.89 (0.78-1.02)
\$60,000-\$74,999	0.75 ^a (0.66-0.85)	0.86 ^c (0.76-0.98)
\$75,000-\$99,999	0.68 ^a (0.60-0.77)	0.76 ^a (0.67-0.86)

≥\$100,000	0.63 ^a (0.56-0.71)	0.68 ^a (0.61-0.77)
Unknown	0.83 ^c (0.70-0.98)	0.83 ^c (0.70-0.99)
US region		
Midwest	Ref	Ref
Northeast	1.11 ^c (1.01-1.23)	0.76 ^a (0.69-0.85)
South	1.09 ^c (1.00-1.18)	1.00 (0.92-1.08)
Unknown	1.78 (0.90-3.49)	1.04 (0.51-2.10)
West	0.94 (0.85-1.05)	1.03 (0.93-1.15)
Baseline health care utilization		
UF-related inpatient admission	1.22 (0.94-1.58)	1.43 ^b (1.11-1.86)
UF-related outpatient service	0.99 (0.96-1.02)	1.11 ^a (1.08-1.14)
UF-related ED visit	1.10 (0.89-1.36)	1.50 ^a (1.22-1.86)
Any inpatient admission	0.86 ^c (0.77-0.97)	0.87 ^c (0.78-0.98)
Any outpatient service	1.00 (1.00-1.00)	1.00 (1.00-1.00)
Any ED visit	1.14 ^a (1.09-1.19)	1.15 ^a (1.10-1.20)
Comorbidity		
Anemia	1.24 ^a (1.15-1.34)	1.79 ^a (1.65-1.93)
Inflammatory disease	1.43 ^a (1.17-1.74)	1.29 ^c (1.05-1.58)
Noninflammatory disease	1.09 ^c (1.02-1.17)	0.86 ^a (0.80-0.92)
Endometriosis	1.01 (0.87-1.18)	0.89 (0.76-1.04)
Benign neoplasm of uterus/ovary	1.00 (0.90-1.11)	0.67 ^a (0.60-0.75)
Pregnancy/delivery	1.17 (0.94-1.44)	0.52 ^a (0.41-0.66)
Enrollment time, y	1.37 ^a (1.35-1.40)	1.39 ^a (1.37-1.42)

Abbreviations: ED, emergency department; LA, leuprolide acetate; LARC, long-acting reversible contraceptive steroid; Ref, reference; RRR, relative risk ratio; SARC, short-acting reversible contraceptive steroid; TA, tranexamic acid; UF, uterine fibroid.

^a $P < .001$.

^b $P < .01$.

^c $P < .05$.