

**Table S1.** Patient Characteristics Stratified by Index Medication

Characteristic	Index Medication <sup>a</sup>					P Value
	LARC	LA	SARC	TA	Total	
Participants	3,928 (9.5)	3,525 (8.5)	33,000 (79.4)	1,108 (2.7)	41,561 (100)	
Age, mean (SD), y	42.2 (6.5)	43.0 (6.2)	42.7 (6.8)	44.0 (5.8)	42.7 (6.7)	<.001
Race/ethnicity						<.001
Asian	157 (4.0)	138 (3.9)	1,343 (4.1)	45 (4.1)	1,683 (4.0)	
Black	670 (17.1)	653 (18.5)	4,221 (12.8)	270 (24.4)	5,814 (14.0)	
Hispanic	377 (9.6)	277 (7.9)	3,469 (10.5)	120 (10.8)	4,243 (10.2)	
Unknown	363 (9.2)	474 (13.4)	3,467 (10.5)	50 (4.5)	4,354 (10.5)	
White	2,361 (60.1)	1,983 (56.3)	20,500 (62.1)	623 (56.2)	25,467 (61.3)	
Income level						<.001
<\$40,000	639 (16.3)	526 (14.9)	4,506 (13.7)	166 (15.0)	5,837 (14.0)	
\$40,000–\$49,999	479 (12.2)	424 (12.0)	3,751 (11.4)	110 (9.9)	4,764 (11.5)	
\$50,000–\$59,999	473 (12.0)	420 (11.9)	3,591 (10.9)	119 (10.7)	4,603 (11.1)	
\$60,000–\$74,999	523 (13.3)	480 (13.6)	4,564 (13.8)	148 (13.4)	5,715 (13.8)	
\$75,000–\$99,999	693 (17.6)	593 (16.8)	5,956 (18.0)	227 (20.5)	7,469 (18.0)	
≥\$100,000	802 (20.4)	629 (17.8)	7,491 (22.7)	301 (27.2)	9,223 (22.2)	
Unknown	319 (8.1)	453 (12.9)	3,141 (9.5)	37 (3.3)	3,950 (9.5)	

Region						<.001
Midwest	984 (25.1)	914 (25.9)	7,739 (23.5)	150 (13.5)	9,787 (23.5)	
Northeast	702 (17.9)	879 (24.9)	6,290 (19.1)	222 (20.0)	8,093 (19.5)	
South	1,669 (42.5)	1,351 (38.3)	14,139 (42.8)	620 (56.0)	17,779 (42.8)	
West	561 (14.3)	368 (10.4)	4,749 (14.4)	115 (10.4)	5,793 (13.9)	
Unknown	12 (0.3)	13 (0.4)	83 (0.3)	1 (0.1)	109 (0.3)	
Charlson-Deyo						.006
comorbidity index at						
baseline						
0	2,592 (66.0)	2,343 (66.5)	21,736 (65.9)	685 (61.8)	27,356 (65.8)	
1	955 (24.3)	846 (24.0)	8,390 (25.4)	311 (28.1)	10,502 (25.3)	
≥2	381 (9.7)	336 (9.5)	2,874 (8.7)	112 (10.1)	3,703 (8.9)	
Baseline comorbidities						
Pelvic pain	1,271 (32.4)	1,191 (33.8)	10,122 (30.7)	320 (28.9)	12,904 (31.0)	<.001
Dyspareunia	67 (1.7)	78 (2.2)	652 (2.0)	14 (1.3)	811 (2.0)	.15
Endometriosis	178 (4.5)	312 (8.9)	1,413 (4.3)	35 (3.2)	1,938 (4.7)	<.001
Benign neoplasm of uterus/ovary	333 (8.5)	192 (5.4)	3,075 (9.3)	44 (4.0)	3,644 (8.8)	<.001

Uterine disorder not classified elsewhere	865 (22.0)	906 (25.7)	7,380 (22.4)	219 (19.8)	9,370 (22.5)	<.001
Genital prolapse	43 (1.1)	49 (1.4)	443 (1.3)	13 (1.2)	548 (1.3)	.58
Pregnancy	264 (6.7)	131 (3.7)	1,588 (4.8)	36 (3.2)	2,019 (4.9)	<.001
Spontaneous abortion	36 (0.9)	16 (0.5)	184 (0.6)	2 (0.2)	238 (0.6)	.007
Therapeutic abortion	22 (0.6)	6 (0.2)	96 (0.3)	0 (0.0)	124 (0.3)	.002
Ectopic pregnancy	13 (0.3)	9 (0.3)	74 (0.2)	1 (0.1)	97 (0.2)	.43
Cesarean section	89 (2.3)	51 (1.4)	444 (1.3)	11 (1.0)	595 (1.4)	<.001
Other pelvic malignancy	3 (0.1)	5 (0.1)	49 (0.1)	2 (0.2)	59 (0.1)	.71
Anemias	1,238 (31.5)	1,690 (47.9)	8,686 (26.3)	460 (41.5)	12,074 (29.1)	<.001
Inflammatory disease	111 (2.8)	187 (5.3)	1,006 (3.0)	17 (1.5)	1,321 (3.2)	<.001
Noninflammatory disease	1,090 (27.7)	920 (26.1)	9,898 (30.0)	287 (25.9)	12,195 (29.3)	<.001
Sepsis	7 (0.2)	13 (0.4)	45 (0.1)	2 (0.2)	67 (0.2)	.01
Constipation or gas	179 (4.6)	149 (4.2)	1,380 (4.2)	46 (4.2)	1,754 (4.2)	.74
Intestinal obstruction	6 (0.2)	11 (0.3)	55 (0.2)	2 (0.2)	74 (0.2)	.27
Peritonitis	4 (0.1)	7 (0.2)	50 (0.2)	2 (0.2)	63 (0.2)	.75
Urinary problem	356 (9.1)	287 (8.1)	2,750 (8.3)	99 (8.9)	3,492 (8.4)	.37

Nocturia	11 (0.3)	13 (0.4)	86 (0.3)	3 (0.3)	113 (0.3)	.71
Baseline health care utilization, mean (SD)						
UF-related outpatient visit	1.4 (1.2)	2.2 (1.7)	1.4 (1.2)	1.5 (1.4)	1.5 (1.3)	<.001
UF-related ED and inpatient visits	0.1 (0.3)	0.1 (0.4)	0.1 (0.3)	0.1 (0.3)	0.1 (0.3)	<.001
Any outpatient visit	14.0 (12.4)	12.3 (11.1)	12.7 (11.5)	11.8 (11.3)	12.8 (11.6)	<.001
Any ED and inpatient visits	0.5 (1.3)	0.5 (1.3)	0.4 (1.1)	0.5 (1.1)	0.4 (1.1)	<.001

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

<sup>a</sup> Values are presented as number and percentage of women unless stated otherwise.