

Figure S1. Study cohort diagram. *23 women were not sampled due to resources constraints. Abbreviations: LMP, last menstrual period; SAB, spontaneous abortion.

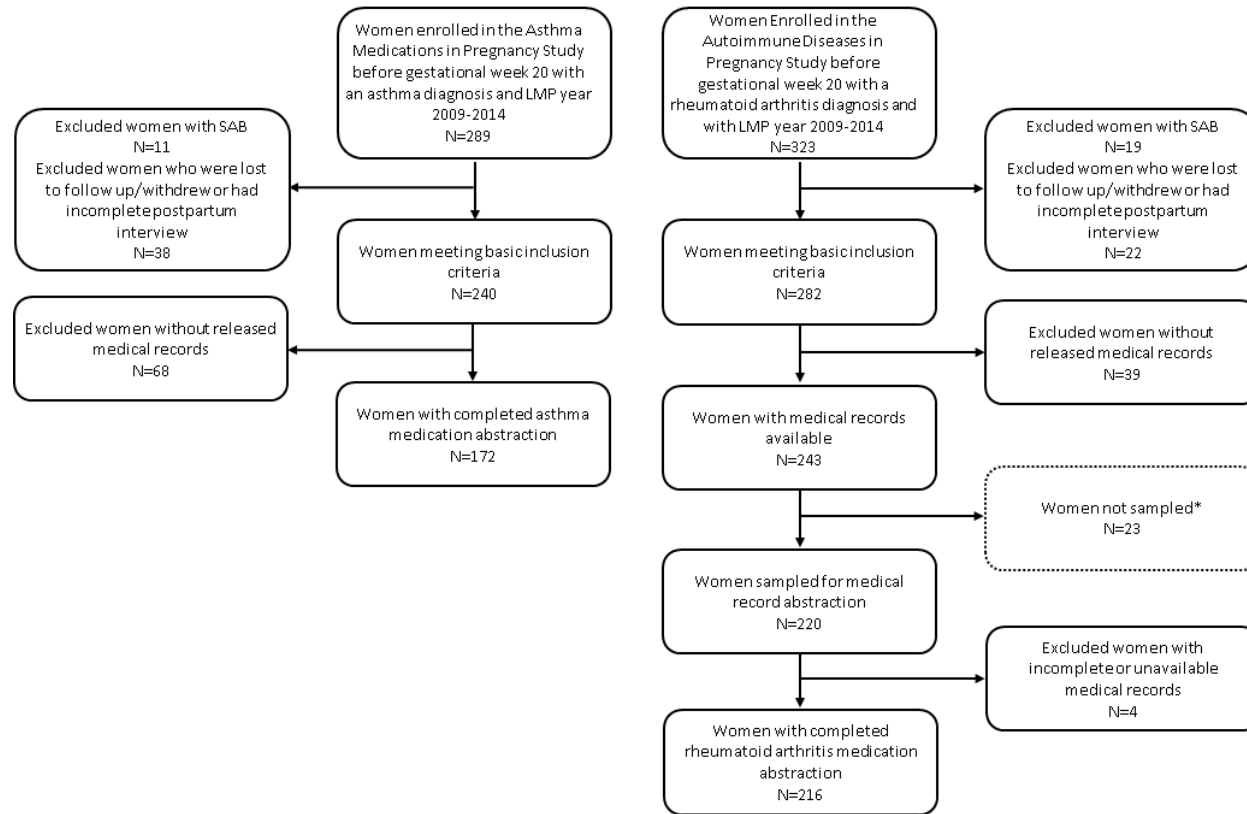


Table S1. Agreement between maternal report and medical record for rheumatoid arthritis and asthma medications, according to second and third trimester.

Medication	K (95% CI)	Second Trimester			Third Trimester			
		% Agreement ^a	Maternal Report Only, n ^b	Medical Record Only, n ^c	K (95% CI)	% Agreement ^a	Maternal Report Only, n ^b	Medical Record Only, n ^c
Rheumatoid Arthritis, n=216								
Prednisone	0.22 (0.08, 0.37)	73.1	32	26	0.23 (0.08, 0.39)	75.9	22	30
Hydroxychloroquine	0.24 (0.07, 0.41)	87.5	0	27	0.10 (-0.03, 0.23)	86.1	0	30
Sulfasalazine	0.19 (-0.13, 0.52)	96.3	0	8	0.39 (0.01, 0.77)	97.2	0	6
Adalimumab	0.15 (-0.03, 0.33)	90.3	0	21	0.40 (0.16, 0.63)	92.6	2	14
Etanercept	0.37 (0.22, 0.52)	81.5	5	35	0.21 (0.05, 0.36)	82.4	4	34
Ibuprofen	0.35 (-0.02, 0.72)	96.8	3	4	-0.01 (-0.02, 0.01)	94.9	1	10
Aspirin ^d	0.12 (-0.14, 0.37)	94.4	4	8	-	96.3	0	8
Asthma, n=172								
Prednisone	0.53 (0.25, 0.82)	95.3	5	3	0.47 (0.19, 0.75)	94.2	4	6
Fluticasone	0.74 (0.40, 1.00)	98.8	2	0	-0.02 (-0.04, -0.01)	95.3	4	4
Budesonide	0.37 (0.05, 0.69)	94.8	6	3	0.41 (0.09, 0.73)	95.3	0	8
Fluticasone/salmeterol	0.19 (-0.01, 0.40)	84.9	12	14	0.26 (0.05, 0.47)	87.2	3	19
Budesonide/formoterol	0.30 (0.01, 0.59)	93.0	6	6	0.24 (-0.05, 0.54)	93.6	2	9
Albuterol	0.15 (0.00, 0.31)	66.3	32	26	0.10 (-0.05, 0.25)	66.9	17	40
Montelukast ^d	0.11 (-0.12, 0.34)	92.4	2	11	-	93.6	11	0

Abbreviation: K, kappa; CI, confidence interval.

^aThe number of women who reported the medication and had the medication in any of their medical records plus the number of women who did not report the medication and did not have the medication in any of their medical records divided by the total number of women.

^bThe number of women who reported the medication but did not have the medication in any of their medical records.

^cThe number of women with the medication in any of their medical records who did not report the medication.

^dNo women reported use of the medication during the third trimester.

Table S2. Agreement between maternal report and medical record for rheumatoid arthritis, according to time period, among women with rheumatoid arthritis with both obstetrician and rheumatologist records available (n=154).

Medication	Anytime During Pregnancy		1st Trimester	
	Obstetrician Records K (95% CI)	Rheumatologist Records K (95% CI)	Obstetrician Records K (95% CI)	Rheumatologist Records K (95% CI)
Prednisone	0.35 (0.24, 0.46)	0.24 (0.12, 0.37)	0.24 (0.12, 0.37)	0.14 (0.02, 0.25)
Hydroxychloroquine	0.83 (0.73, 0.94)	0.84 (0.74, 0.94)	0.59 (0.42, 0.77)	0.54 (0.36, 0.72)
Sulfasalazine	0.55 (0.29, 0.80)	0.85 (0.71, 0.99)	0.61 (0.32, 0.89)	0.50 (0.21, 0.78)
Adalimumab	0.84 (0.72, 0.96)	0.74 (0.59, 0.90)	0.68 (0.48, 0.87)	0.54 (0.31, 0.76)
Etanercept	0.81 (0.71, 0.90)	0.88 (0.80, 0.96)	0.56 (0.42, 0.70)	0.58 (0.44, 0.72)
Ibuprofen	0.26 (0.06, 0.47)	0.22 (0.02, 0.41)	0.28 (0.04, 0.51)	0.12 (-0.08, 0.32)
Aspirin	0.27 (0.06, 0.48)	0.40 (0.19, 0.61)	0.09 (-0.08, 0.27)	0.15 (-0.06, 0.36)

Abbreviation: K, kappa; CI, confidence interval.