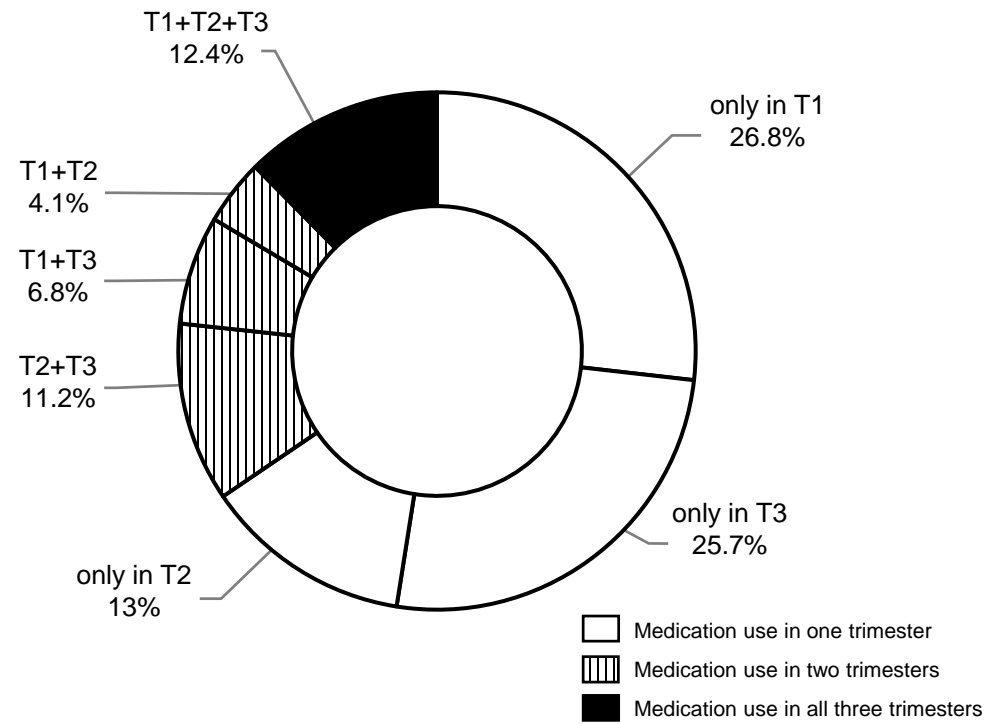


Supplementary material 1 Detailed information of sample extraction process



Supplemental material 2 The use of medications in each trimester among the users from Group-Entire Pregnancy

Supplementary material 3 Most commonly used Western medicines (ATC 3rd level) among medication users in each group (%) ^a

ATC 3 rd level	Women observed during the entire Pregnancy	Women in each trimester group			
		T1	T2	T3	
B: Blood and blood forming organs					
B05C-irrigating solutions	28.6	9.4	23.7	26.5	
B05X-i.v. solution additives	24.5	12.9	16.3	20.6	
B05B-i.v. solutions	14.8	8.2	5.9	10.1	
B03A-iron preparations	13.9	/	12.6	25.5	
B03B-vitamin B12 and folic acid	5.3	7.1	2.2	2.0	
B01A-antithrombotic agents	5.0	2.9	2.6	3.6	
B02B-vitamin K and other hemostatics	3.5	1.2	2.6	2.6	
A: Alimentary tract and metabolism					
A11G-ascorbic acid (vitamin C), incl. combinations	17.4	7.7	11.9	15.6	
A11A-multivitamins, combinations	14.8	9.4	22.2	16.2	
A11H-other plain vitamin preparations	9.7	10.0	8.15	3.2	
A12B-potassium	8.9	6.5	6.3	3.6	
A12C-other mineral supplements	7.1	1.2	6.7	8.5	
A02B-drugs for peptic ulcer and gastro-oesophageal reflux disease (GORD)	5.3	2.9	4.1	3.4	
G: Genito urinary system and sex hormones					
G03D-progestogens	32.5	53.5	10.0	3.0	
G01A-anti-infectives and antiseptics, excl. combinations with corticosteroids	4.1	1.2	4.4	3.4	
G02C-other gynecologicals	3.2	1.8	1.9	3.4	
J: Antiinfectives for systemic use					
J01D-other beta-lactam antibacterials	17.1	10.6	13.3	13.6	
J01C-beta-lactam antibacterials, penicillins	9.7	4.7	6.3	6.3	
J01F-macrolides, lincosamides and streptogramins	7.7	6.5	5.2	2.8	

J05A-direct acting antivirals	3.5	1.2	2.6	1.6
J01X-other antibacterials	3.2	2.4	1.5	2.0
H: Systemic hormonal preparations, excluding sex hormones and insulins				
H02A-corticosteroids for systemic use, plain	9.1	1.8	2.6	8.9
H03A-thyroid preparations	4.1	4.1	5.2	5.5
V: Various				
V07A-all other non-therapeutic products	7.1	2.9	0.7	6.5
V06D-other nutrients	5.6	2.9	5.6	6.3
N: Nervous system				
N02B-other analgesics and antipyretics	4.7	3.5	1.9	3.6
R: Respiratory system				
R05C-expectorants, excl. combinations with cough suppressants	3.2	1.8	1.5	2.8
C: Cardiovascular system				
C01B-antiarrhythmics, class I and III	3.2	1.2	2.2	2.8

^a Medications most commonly used at ATC 3rd level with a prevalence in any period of greater than 5% were selected

ATC: the WHO Anatomical Therapeutic Chemical drug classification system.

Supplementary material 4 Most commonly used Western medicines among medication users in each group (%)

Rank	Generic name	Women observed during the entire Pregnancy	Women in each trimester group		
			T1	T2	T3
1	glucose	28.9	9.4	25.6	27.1
2	sodium chloride	23.9	12.4	15.9	20.2
3	progesterone	23.6	40.0	5.2	2.0
4	ascorbic acid (vit C)	17.1	7.1	11.9	15.6
5	dydrogesterone	12.4	20.0	4.8	1.6
6	iron polysaccharide complex	10.9	/	8.9	19.6
7	calcium carbonate + vitamin D3	10.0	2.4	18.5	13.6
8	dexamethasone	8.9	1.2	2.2	8.7
9	potassium chloride	8.3	5.9	5.9	3.4
10	glucose + sodium chloride	7.7	3.5	3.7	3.6
11	sterile water	7.1	2.9	0.7	6.5
12	pyridoxine (vit B6)	6.5	4.1	5.6	2.8
13	magnesium sulfate	6.2	/	6.3	8.5
14	compound sodium chloride	4.7	3.5	2.2	3.0
15	amoxicillin	4.4	2.4	3.0	1.6
16	levothyroxine	4.1	3.5	5.2	5.5
17	compound amino acid	3.8	2.4	1.1	2.6
17	Ringer lactate	3.8	1.2	1.5	3.4
19	azithromycin	3.5	2.9	1.5	1.8
19	cefuroxime	3.5	0.6	3.3	4.4
21	tocopherol (vit E)	3.2	5.9	2.6	0.4
21	lidocaine	3.2	1.2	2.2	2.8
23	omeprazole	3.0	1.8	2.2	1.8
23	oxytocin	3.0	1.2	0.4	4.0
23	heparin	3.0	0.6	0.7	2.8
23	ceftriaxone	3.0	0.6	1.5	1.4
27	vitamin complex	2.7	4.1	1.9	1.4
27	cefathiamidine	2.7	2.4	1.9	1.6
27	clindamycin	2.7	1.2	2.6	0.6
30	clotrimazole	2.4	1.2	4.4	2.2
30	ambroxol	2.4	0.6	0.4	2.6
30	benzylpenicillin	2.4	/	1.5	3.2
30	ritodrine	2.4	/	1.1	3.2
34	cyanocobalamin (vit B12)	2.1	3.5	1.1	1.0
34	ferrous succinate	2.1	/	2.6	3.4
36	folic acid	1.8	2.4	0.4	0.6
36	compound paracetamol	1.8	1.2	/	1.0

Rank	Generic name	Women observed during the entire Pregnancy	Women in each trimester group		
			T1	T2	T3
36	mecobalamin	1.8	1.2	1.1	0.6
36	sodium potassium magnesium calcium and glucose	1.8	1.2	0.7	0.6
36	cefixime	1.8	1.2	1.5	1.2
36	amoxicillin + clavulanate potassium	1.8	0.6	0.7	0.8
36	cefazolin	1.8	0.6	1.1	1.4
36	phytomenadione (vit K1)	1.8	0.6	0.7	1.8
36	levofloxacin	1.8	0.6	1.1	1.2