

Additional file 2.

Table 1. Comparison of general characteristics and medical history of the IMSS maternal eCohort participants who completed the eCohort activities and those who dropped out

Variable	Completed the postpartum survey n=1003	Dropped out n=336	p
I. General characteristics	n (%)	n (%)	
Age groups			
18-34 years	863 (86.0)	301 (89.6)	0.096
≥35 years	140 (14.0)	35 (10.4)	
Level of education			
With or without elementary school	45 (4.5)	17 (5.1)	0.829
Completed secondary school	306 (30.5)	100 (29.8)	
High school, with or without university degree	651 (64.9)	218 (64.9)	
Did not answer	1 (0.1)	1 (0.6)	
Occupation			
Housewife/unemployed/student	397 (39.6)	130 (38.7)	0.772
Paid job	606 (60.4)	206 (61.3)	
Risky health behaviors	49 (4.9)	16 (4.8)	0.927
Marital status			
Married/Partnered	848 (84.5)	250 (74.4)	<0.001
Single/divorced /separated/widow	148 (14.8)	70 (20.8)	
Did not answer	7 (0.7)	16 (4.8)	
Suffering some type of intimate partner violence	78 (7.8)	49 (14.6)	<0.001
II. Medical history			
Primigravida	368 (36.7)	129 (38.4)	0.576
Among women with a previous pregnancy:	n=635	n=207	
Miscarriage/stillborn baby	53 (8.4)	12 (5.8)	0.233
Premature birth (<37 weeks of gestation)	51 (8.0)	14 (6.8)	0.553
Cesarean section	242 (38.1)	85 (41.1)	0.449
History of pre-gestational chronic disease(s)	n=1003 180 (17.9)	n=336 69 (20.5)	0.291

Table 2. General characteristics and medical history of eCohort participants who answered postpartum survey by delivery location

	Total n=988	IMSS n=841	Private hospitals n=147	p
Age ≥35 years	139 (14.1)	113 (13.4)	26 (17.7)	0.171
Education				<0.001
Primary school or less	44 (4.5)	39 (4.6)	5 (3.4)	
Secondary school	302 (30.6)	286 (34.0)	16 (10.9)	
High school or higher	641 (64.9)	515 (61.2)	126 (85.7)	
Single/Divorced/Separated/Widowed	145 (14.8)	122 (14.6)	23 (15.8)	0.715
Paid job	595 (60.2)	486 (57.8)	109 (74.2)	<0.001
Risky behaviors	49 (5.0)	42 (5.0)	7 (4.8)	0.905
Multigravida	627 (63.5)	553 (65.8)	74 (50.3)	<0.001
Chronic disease prior to pregnancy	174 (17.6)	145 (17.2)	29 (19.7)	0.465

Table 3. Reason for delivery at the IMSS or private hospital

Reason for delivery at IMSS	n=841 (85.1%)	Reason for delivery at private hospital	n=147 (14.9%)
	n (%)		n (%)
Convenience in relation to the women's IMSS affiliation and place of residence	603 (71.7)	Low quality of care and/or mistreatment by IMSS healthcare providers	48 (32.7)
Respectfulness and friendliness of IMSS staff	80 (9.5)	Greater sense of comfort and trust in private healthcare providers, along with the option for the husband to be present during labor	34 (23.1)
Good healthcare provider skills	50 (6.0)	Private health insurance	15 (10.2)
Close to home	48 (5.7)	Private hospital was recommended by husband/family member	13 (8.8)
Other	60 (7.1)	IMSS personnel refused to schedule a cesarean section	11 (7.5)
		IMSS personnel did not admit her to the hospital despite the onset of labor	6 (4.1)
		Loss of IMSS insurance	3 (2.0)
		Other	17 (11.6)

Table 4. Indications for cesarean section by delivery location

	Total n=567	IMSS n=431	Private hospitals n=136	p
Justified indications	398 (70.2)	322(74.7)	76 (55.9)	<0.001
Problems of the baby during delivery (fetal dystocia, breech position, fetal distress, etc.)	146 (25.7)	122 (28.3)	24 (17.7)	
Problems of the mother during delivery (premature rupture, prolonged labor/non-dilated, etc.)	125 (22.1)	106 (24.6)	19 (14.0)	
Preeclampsia/hypertension	58 (10.2)	47 (10.9)	11 (8.1)	
Planned before delivery for medical reasons of the mother or baby	57 (10.1)	37 (8.6)	20 (14.7)	
2 or more previous cesarean sections	12 (2.1)	10 (2.3)	2 (1.5)	
Unjustified indications	169 (29.8)	109 (25.3)	60 (44.1)	
History of one cesarean section	53 (9.3)	42 (9.7)	11 (8.1)	
Oligohydramnios	48 (8.5)	34 (7.9)	14 (10.3)	
Other, which is not a direct indication for C-section (e.g. gestational diabetes, maternal age >35, HPV, etc.)	40 (7.0)	27 (6.3)	13 (9.6)	
At the woman's request	28 (4.9)	6 (1.4)	22 (16.2)	

Table 5. Reasons for not receiving the BCG vaccine by delivery location

	Total	IMSS	Private hospitals	p
	n=385 ^β	n=263	n=122	<0.001
There was no BCG vaccine available	279 (72.5)	188 (71.5)	91 (74.6)	
The newborn had contraindications	36 (9.3)	34 (12.9)	2 (1.6)	
He was informed to go to the primary care clinic for BCG vaccination	34 (8.8)	14 (5.3)	20 (16.4)	
No explanation why the baby did not receive the vaccine	18 (4.7)	16 (6.1)	2 (1.6)	
Other	18 (4.7)	11 (4.2)	7 (5.8)	

^β Eight women did not know if their baby had received the BCG vaccine

Table 6. Perceived quality of intrapartum and postpartum care by delivery location

	Total n=988	IMSS n=841	Private hospitals n=147	p
Knowledge and skills of healthcare provider Good, very good, and excellent	909 (92.0)	765 (91.0)	144 (98.0)	0.003
Availability of medical equipment or access to lab tests Good, very good, and excellent	914 (92.5)	769 (91.4)	145 (98.6)	0.001
Level of respect shown by the provider Good, very good, and excellent	898 (90.9)	754 (89.7)	144 (98.0)	<0.001
Clarity of the provider's explanations Good, very good, and excellent	873 (88.4)	730 (86.8)	143 (97.3)	<0.001
Degree to which the provider involved women in decisions about their care Good, very good, and excellent	874 (88.5)	730 (86.8)	144 (98.0)	<0.001
Courtesy and helpfulness of the healthcare facility staff, other than healthcare provider Good, very good, and excellent	868 (87.8)	724 (86.1)	144 (98.0)	<0.001
Amount of time the provider spent with the woman Good, very good, and excellent	874 (88.5)	730 (86.8)	144 (98.0)	<0.001
Waiting time Good, very good, and excellent	850 (86.0)	706 (83.9)	144 (98.0)	<0.001
Perceived quality summary score Median (Min-Max)	26 (8-40)	24 (8-40)	37 (10-40)	<0.001