Online supplementary material - Table s1 – s8 and Figure s1

Table s1 - The labour wards criteria and contraindications for discharge four hours after birth.

Table s2 - Follow-up strategies after early discharge after birth.

Table s3 - Questions and answer possibilities used in the study.

Table s4 - Baseline characteristics of non-participants (n=226).

Table s5 - Baseline characteristics of participants lost to follow-up six weeks after birth (n=38).

Table s6 - Sensitivity analysis of best-case scenario, (0 % of the non-participating mothers having a poor outcome). Numbers (n), proportions (%), crude, and adjusted RR and confidence interval (95% CI) for primiparous women compared to multiparous women, discharged within 24 hours after birth regarding breastfeeding, doubts about infant feeding, contact with the maternity ward, feelings of anxiety or depression, knowledge of signs of newborns well-being, and neonatal readmission (n=373).

Table s7 - Sensitivity analysis of worse-case scenario, (100 % of the non-participating mothers having a poor outcome). Numbers (n), proportions (%), crude, and adjusted RR and confidence interval (95% CI) for primiparous women compared to multiparous women, discharged within 24 hours after birth regarding breastfeeding, doubts about infant feeding, contact with the maternity ward, feelings of anxiety or depression, knowledge of signs of newborns well-being, and neonatal readmission (n=373).

Table s8 - Sensitivity analysis of best-case scenario (0 % of the non-participating mothers having a poor outcome) and worse-case scenario (100 % of the non-participating mothers having a poor outcome) of primiparous and multiparous women's perception of the length of hospital stay after birth when discharged within 24 hours after birth. Crude and adjusted relative risk (RR) and confidence interval (95% CI) of primiparous women versus multiparous women who perceived the length of hospital stay as too short versus appropriate or too long (n=373).

Figure s1 - Percent of mothers reporting adverse outcomes after discharge within 24 hours and illustrated separately for primiparous and multiparous women.

Table s1. The labour wards criteria and contraindications for discharge four hours after birth.

Mother	Newborn
Criteria	**Criteria**
P.p. bleeding ≤ 500 ml and unaffected mother	APGAR[a] ≥ 9 in 5 minutes p.p.
Spontaneous urination	Gestation age ≥ 37+0 (weeks+days)
No language difficulties	Birth weight > 2500 gram
If epidural anaesthesia during birth - observation four hours p.p.	Observation of the newborn suckling and swallowing correctly
Contraindications	**Contraindications**
Caesarean section	Risk of hypoglycaemia[b]
Pre-eclampsia[c]	Mother in anti-depressive medical treatment
Hypertension, blood pressure > 140/90	Risk of infection, including PROM and
4th-degree perineal tear	maternal fever, > 38.0 C◦ (> 38.2 C◦ if the
Medical conditions assessed by a physician during pregnancy	mother had epidural anaesthesia during birth)
Thyrotoxicosis	
Gemelli	
Multiparous women with previous breastfeeding complications	
Breast operated mothers with a desire to breastfeed	
Vulnerable families	
Risk of neglect of the newborn	
Circumstances that requires individual assessment by a physician before discharge	
Vacuum-assisted birth	
3rd-degree perineal tear	
Prophylactic anticoagulation treatment	

Abbreviations: p.p. = postpartum; ml = millilitres; PROM = prelabour rupture of membranes (≥ 18 hours from rupture of membranes to birth).

[a] APGAR = score to evaluate the neonatal. Assessed in one, five-, and 10-minutes p.p. Ten points are top score. Up to two-point are given according to Appearance (colour), Pulse, Grimace (irritability), Activity, and Respiration.

[b] Risk factors for neonatal hypoglycaemia: Large for gestational age (=birth weight > +22%), small for gestation age (= birth weight < -15 %), dysmaturity, sepsis, asphyxia, maternel diabetes, apnoea, cramps.

[c] Pre-eclampsia: Blood pressure > 140/90 and proteinuria > 0,3 grams/24 hours albumin/creatinine. OR blood pressure > 140/90 and one or more of the following: thrombocytopenia, or renal insufficiency, or ALAT< 70 U/L, or cerebral/visual symptoms, or small for gestation age.

Table s2. Follow-up strategies after early discharge after birth.

Primiparous women	Multiparous women
Midwife offering one home visit around 24 hours after birth in daytime	Midwife offering one phone call around 24 hours after birth in daytime
A 30 minutes consultation by a midwife, and 30 minutes consultation by a nurse, between 48 to 72 hours after birth	A 30 minutes consultation by a midwife between 48 to 72 hours after birth

All mothers
Nurse offering a home visit on the fourth- or fifth day after discharge
Hospital available by phone within the first seven days after discharge

Table s3. Questions and answer possibilities used in the study.

Questions one and six weeks	
Do you feel anxious or depressed? [17]	I am not anxious or depressed
	I am a little anxious or depressed
	I am moderately anxious or depressed
	I am very anxious or depressed
	I am extremely anxious or depressed
Do you breastfeed your child now?	Yes
	No, I do not breastfeed anymore
	No, I have never breastfed my child

Questions one week after birth	
How do you perceive the length of the period from birth to discharge?	Too short
	Appropriate
	Too long
Did you have any doubts about breastfeeding or nourishing your child after you returned home?	Yes, very much
	Yes, in some degree
	No, only little degree
	No, not at all
	Not relevant to me
Did you contact the staff from the hospital with questions in the first seven days after you returned home? [18]	Yes
	No
After you returned home from the hospital, did you have the possibility for support and help from (multiple answers were possible)	Father/co-parent
	Family
	Friends
	No support
Did you have a caseload midwife in your pregnancy?	Yes
	No
If yes:	
Did your caseload midwife attend your birth?	Yes
	No

Table s4 - Baseline characteristics of non-participants (n=226).

Characteristics	Total n (%)[b]	Primiparas n (%)[b]	Multiparas n (%)[b]	p-value[a]
Total[c]	226 (100.0)	64 (28.3)	162 (71.7)	
Age (years), *median [min;max]*	*30.0 [18;44]*	*27.0 [19;44]*	*31.2 [18;42]*	*< 0.001*
< 25	24 (10.6)	19 (29.7)	5 (3.1)	
25 - 29	82 (36.3)	30 (46.9)	52 (32.1)	
30 - 34	85 (37.6)	10 (15.6)	75 (46.3)	
> 35	35 (15.5)	5 (7.8)	30 (18.5)	
Education[c, d]	171 (100.0)	49 (28.7)	122 (71.3)	
Skilled	38 (22.2)	11 (22.5)	27 (22.1)	≥ 0.05
Short	28 (16.4)	6 (12.2)	22 (18.0)	≥ 0.05
Medium	81 (47.4)	20 (40.8)	61 (50.0)	≥ 0.05
Long	24 (14.0)	12 (24.5)	12 (9.9)	≥ 0.05
Live alone (yes)	6 (2.7)	2 (33.3)	4 (66.7)	≥ 0.05
Body Mass Index (BMI), *median [min;max]*	*25.8 [16.5;44.4]*	*25.3 [16.5;38.0]*	*26.0 [17.2;44.4]*	≥ 0.05
< 18.5	6 (4.9)	2 (3.1)	4 (2.5)	
18.5 - 24.99	112 (49.6)	35 (54.7)	77 (47.5)	
25.0 - 29.99	62 (27.4)	16 (25.0)	46 (28.5)	
30.0 - 34.99	29 (12.8)	7 (10.9)	22 (13.5)	
≥ 35.0	17 (7.5)	4 (6.3)	13 (8.0)	
Smoking in pregnancy (yes)	21 (9.3)	7 (10.9)	14 (8.6)	≥ 0.05
Induction of labour (yes)	73 (32.3)	19 (29.7)	54 (33.3)	≥ 0.05
Epidural anaesthesia (yes)	35 (15.5)	17 (26.6)	18 (11.1)	< 0.05
Oxytocin augmentation (yes)	34 (15.0)	16 (25.0)	18.(11.1)	< 0.05
Vacuum-assisted birth (yes)	10 (4.4)	4 (6.25)	6 (3.7)	≥ 0.05
3rd and 4th degree perineal tear (yes)	0	0	0	
Amount of bleeding (ml)[c, d]	225 (100.0)	64 (28.4)	161 (71.6)	
≤ 500	204 (90.7)	61 (95.3)	143 (88.8)	≥ 0.05
501 - 1000	16 (7.1)	2 (3.1)	14 (8.7)	≥ 0.05
> 1000	5 (2.2)	1 (1.6)	4 (2.5)	≥ 0.05
Length of birth (hours), *median [min;max]*	*6.39 [0;25]*	*10.89 [2;25]*	*4 .62 [0;17]*	*< 0.001*
≤ 12	197 (87.2)	42 (65.6)	155 (95.7)	
13 - 24	28 (12.4)	21 (32.8)	7 (4.3)	
> 24	1 (0.4)	1 (1.6)	0	

Gestational age (weeks+days)				
37+0 - 37+6	4 (1.8)	1 (1.6)	3 (1.9)	≥ 0.05
38+0 - 38+6	26 (11.5)	9 (14.1)	17 (10.5)	≥ 0.05
39+0 - 39+6	36 (15.9)	8 (12.5)	28 (17.3)	≥ 0.05
40+0 - 40+6	86 (38.1)	26 (40.6)	60 (37.0)	≥ 0.05
41+0 - 41+6	66 (29.2)	16 (25.0)	50 (30.8)	≥ 0.05
$\geq$ 42+0	8 (3.5)	4 (6.2)	4 (2.5)	≥ 0.05
Birth weight (grams), *mean [SD]*	*3731 [458.4]*	*3597 [415.1]*	*3784 [465.1]*	*< 0.05*
2500 - 3999	166 (73.5)	54 (84.4)	112 (69.1)	< 0.05
$\geq$ 4000	60 (26.5)	10 (15.6)	50 (30.9)	< 0.05
Neonatal suction after birth (yes)	10 (4.4)	4 (6.3)	6 (3.7)	≥ 0.05
Length of stay after birth (hours), *median [min;max]*	*6.23 [2;24]*	*7.40 [2;24]*	*5.82 [2;24]*	*< 0.05*
≤ 6	171 (75.7)	43 (67.2)	128 (79.0)	
7 - 12	22 (9.7)	7 (10.9)	15 (9.3)	
13 - 24	33 (14.6)	14 (21.9)	19 (11.7)	
Expected, but not discharged < 6 hours after birth	48 (21.2)	17 (26.6)	31 (19.1)	≥ 0.05

[a] p-value < 0.05 statistically significant. Fischer's exact test used on categorical data, student's t-test used on normally distributed data, Wilcoxon-rank test on non-normally distributed data.

[b] column

[c] row

[d] Missing values n (%): education 55 (24.3); amount of bleeding 1 (0.44)

Table s5 - Baseline characteristics of participants lost to follow-up six weeks after birth (n=38).

Characteristics	Total n (%)[b]	Primiparas n (%)[b]	Multiparas n (%)[b]	p-value[a]
Total[c]	38 (100.0)	8 (21.1)	30 (78.9)	
Age (years), *median [min;max]*	*29.2 [21;41]*	*25.8 [21;31]*	*30.1 [25;41]*	*< 0.05*
< 25	3 (7.9)	3 (37.5)	0	
25 - 29	18 (47.4)	4 (50.0)	14 (46.7)	
30 - 34	13 (34.2)	1 (12.5)	12 (40.0)	
> 35	4 (10.5)	0	4 (13.3)	
Education[c, d]	33 (100.0)	7 (21.2)	26 (78.8)	
Skilled	11 (33.3)	1 (14.3)	10 (38.5)	≥ 0.05
Short	6 (18.2)	2 (28.6)	4 (15.4)	≥ 0.05
Medium	13 (39.4)	3 (42.9)	10 (38.5)	≥ 0.05
Long	3 (9.1)	1 (14.3)	2 (7.6)	≥ 0.05
Caseload midwife (yes)				
In pregnancy[c]	9 (23.7)	1 (11.1)	8 (88.9)	≥ 0.05
In pregnancy and at birth[c]	6 (15.8)	1 (16.7)	5 (83.3)	≥ 0.05
Live alone (yes)	0	0	0	
Social support, one or more sources (yes)[b, d,]	35 (100.0)	8 (22.9)	27 (77.1)	≥ 0.05
Social support from father/co-parent[e]	33 (94.3)	7 (87.5)	26 (96.3)	≥ 0.05
Social support from family[e]	28 (80.0)	7 (87.5)	21 (77.8)	≥ 0.05
Social support from friends[e]	14 (36.8)	4 (50.0)	10 (37.0)	≥ 0.05
Body Mass Index (BMI), *median [min;max]*	*27.3 [18.8;43.0]*	*24.7 [22.3;27.1]*	*27.9 [18.8;43.0]*	*≥ 0.05*
< 18.5	0	0	0	
18.5 - 24.99	17 (44.7)	5 (62.5)	12 (40.0)	
25.0 - 29.99	14 (36.8)	3 (37.5)	11 (36.7)	
30.0 - 34.99	2 (5.3)	0	2 (6.7)	
≥ 35.0	5 (13.2)	0	5 (16.6)	
Smoking in pregnancy (yes)	3 (7.9)	2 (25.0)	1 (3.3)	≥ 0.05
Induction of labour (yes)	11 (28.9)	2 (25.0)	9 (30.0)	≥ 0.05
Epidural anaesthesia (yes)	4 (10.5)	2 (25.0)	2 (6.7)	≥ 0.05
Oxytocin augmentation (yes)	1 (2.6)	1 (12.5)	0	≥ 0.05
Vacuum-assisted birth (yes)	0	0	0	
3rd and 4th degree perineal tear (yes)	0	0	0	≥ 0.05
Amount of bleeding (ml) [c, d]	37 (100.0)	8 (21.6)	28 (75.7)	
≤ 500	36 (97.3)	8 (100.0)	28 (100.0)	≥ 0.05

501 - 1000	1 (2.7)	0	1 (3.6)	≥ 0.05
> 1000	0	0	0	
Length of birth (hours), *median [min;max]*	6.29 [1;28]	11.25 [8;17]	4.97 [1;28]	< 0.001
≤ 12	34 (89.5)	5 (62.5)	29 (96.7)	
13 - 24	3 (7.9)	3 (37.5)	0	
> 24	1 (2.6)	0	1 (3.3)	
Gestational age (weeks+days)				
37+0 - 37+6	1 (2.6)	1 (12.5)	0	≥ 0.05
38+0 - 38+6	1 (2.6)	0	1 (3.3)	≥ 0.05
39+0 - 39+6	8 (21.1)	1 (12.5)	7 (23.3)	≥ 0.05
40+0 - 40+6	14 (36.8)	1 (12.5)	13 (43.4)	≥ 0.05
41+0 - 41+6	13 (34.2)	4 (50.0)	9 (30.0)	≥ 0.05
≥ 42+0	1 (2.6)	1 (100.0)	0	≥ 0.05
Birth weight (grams), *mean [SD]*	3780.2 [453.8]	3545.0 [416.8]	3842.9 [448.9]	≥ 0.05
2500 - 3999	27 (71.0)	8 (100.0)	19 (63.3)	
≥ 4000	11 (29.0)	0	11 (100.0)	
Neonatal suction after birth (yes)	2 (5.3)	0	2 (100.0)	≥ 0.05
Length of stay after birth (hours), *median [min;max]*	4.87 [2;21]	7.88 [3;17]	4.07 [2;21]	< 0.05
≤ 6	32 (84.2)	3 (37.5)	29 (96.7)	
7 - 12	4 (10.5)	4 (50.0)	0	
13 - 24	2 (5.3)	1 (12.5)	1 (3.3)	
Expected, but not discharged < 6 hours after birth	5 (13.2)	5 (100.0)	0	< 0.001

[a] p-value < 0.05 statistically significant. Fischer's exact test used on categorical data, student's t-test used on normally distributed data, Wilcoxon-rank test on non-normally distributed data.

[b] column

[c] row

[d] Missing values n (%): education 5 (13.2); social support 3 (7.90); amount of bleeding 1 (2.60)

[e] Multiple choices of social support were possible. A total of 100 % is therefore exceeded when adding social support from father/coparent, family, and friends. None reported no support at all.

Table s6 - Sensitivity analysis of best-case scenario (0 % of the non-participating mothers having a poor outcome). Numbers (n), proportions (%), crude, and adjusted relative risk (RR) and confidence interval (95% CI) for primiparous women compared to multiparous women, discharged within 24 hours after birth regarding breastfeeding, doubts about infant feeding, contact with the maternity ward, feelings of anxiety or depression, knowledge of signs of newborns well-being, and neonatal readmission (n=373).

	Total n(%)	Yes n(%)	No n(%)	Crude RR	(95%CI)	Adjusted[a] RR	(95%CI)	Adjusted[b] RR	(95%CI)
Breastfeeding one-week p.p.[c]	369 (100.0)	365 (98.9)	4 (1.1)						
Primiparous women	108 (29.3)	107 (99.1)	1 (0.9)	0.81	(0.08 - 7.66)	0.37	(0.03 - 4.18)	0.64	(0.42 - 9.90)
Multiparous women	261 (70.7)	258 (98.9)	3 (1.1)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Breastfeeding six-weeks p.p.[c]	324 (100.0)	310 (95.7)	14 (4.3)						
Primiparous women	97 (29.9)	91 (93.8)	6 (6.2)	1.76	(0.63 - 4.92)	1.14	(0.36 - 3.64)	1.07	(0.32 - 3.68)
Multiparous women	227 (70.1)	219 (96.5)	8 (3.5)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Doubt about infant feeding after discharge[c]	361 (100.0)	33 (9.10)	328 (90.9)						
Primiparous women	108 (29.9)	19 (17.6)	89 (82.4)	3.18	(1.66 - 6.11)	2.74	(1.31 - 5.74)	2.96	(1.34 - 6.58)
Multiparous women	253 (70.1)	14 (5.5)	239 (94.5)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Contact with maternity ward < 7 days after discharge[c]	354 (100.0)	45 (12.7)	309 (87.3)						
Primiparous women	101 (28.5)	20 (19.8)	81 (80.2)	2.00	(1.16 - 3.44)	1.49	(0.79 - 2.80)	1.19	(0.55 - 2.28)
Multiparous women	253 (71.5)	25 (9.9)	228 (90.1)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Feeling anxious or depressed one-week p.p.	373 (100.0)	10 (2.7)	363 (97.3)						
Primiparous women	108 (29.0)	5 (4.6)	103 (95.4)	2.45	(0.72 - 8.30)	2.37	(0.58 - 9.64)	2.70	(0.61 - 12.00)
Multiparous women	265 (71.0)	5 (1.9)	260 (98.1)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Feeling anxious or depressed six weeks p.p.[c]	330 (100.0)	6 (1.8)	324 (98.2)						
Primiparous women	98 (29.7)	3 (3.1)	95 (96.9)	2.67	(0.63 - 11.30)	1.23	(0.25 - 5.60)	1.76	(0.32 - 9.65)
Multiparous women	232 (70.3)	3 (1.3)	229 (98.7)	1.00	(reference)	1.00	(reference)	1.00	(reference)

Knowledge of signs of newborns well-being after discharge[c]	372 (100.0)	366 (98.4)	6 (1.6)						
Primiparous women	108 (29.0)	103 (95.4)	5 (4.6)	12.2	(1.44 - 103.40)	6.88	(0.66 - 72.00)	6.17	(0.57 - 66.60)
Multiparous women	264 (71.0)	263 (99.6)	1 (0.4)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Neonatal readmission < 7 days after discharge	373 (100.0)	7 (1.9)	366 (98.1)						
Primiparous women	108 (29.0)	4 (3.7)	104 (96.3)	3.27	(0.74 - 14.40)	1.41	(0.28 - 7.25)	0.85	(0.15 - 4.87)
Multiparous women	265 (71.0)	3 (1.1)	262 (98.9)	1.00	(reference)	1.00	(reference)	1.00	(reference)

Abbreviations: p.p. = postpartum

[a] Adjusted for age and Body Mass Index (BMI)

[b] Adjusted for age, Body Mass Index (BMI), length of birth, and length of hospital stay after birth

[c] Missing values n (%): breastfeeding one-week p.p., 4 (2.70); breastfeeding six-weeks p.p., 11 (10.1); doubts about infant feeding after discharge, 10 (6.8); contact with maternity ward< 7 days after discharge, 19 (12.9); feeling anxious or depressed six weeks p.p., 5 (4.60); knowledge of signs of the newborns well-being after discharge, 1 (0.7)

Table s7 – Sensitivity analysis of worse-case scenario (100 % of the non-participating mothers having a poor outcome). Numbers (n), proportions (%), crude, and adjusted relative risk (RR) and confidence interval (95% CI) for primiparous women compared to multiparous women, discharged within 24 hours after birth regarding breastfeeding, doubts about infant feeding, contact with the maternity ward, feelings of anxiety or depression, knowledge of signs of newborns well-being, and neonatal readmission (n=373).

	Total n(%)	Yes n(%)	No n(%)	Crude RR	(95%CI)	Adjusted[a] RR	(95%CI)	Adjustedb RR	(95%CI)
Breastfeeding one-week p.p.[c]	369 (100.0)	139 (37.7)	230 (62.3)						
Primiparous women	108 (29.3)	43 (39.8)	65 (60.2)	0.95	(0.80 - 1.14)	1.04	(0.85 - 1.27)	1.03	(0.83 - 1.27)
Multiparous women	261 (70.7)	96 (36.8)	165 (63.2)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Breastfeeding six-weeks p.p.[c]	324 (100.0)	84 (25.9)	240 (74.1)						
Primiparous women	97 (29.2)	27 (27.8)	70 (72.2)	0.96	(0.83 - 1.11)	0.99	(0.84 - 1.17)	0.99	(0.83 - 1.17)
Multiparous women	227 (70.1)	57 (25.1)	170 (74.9)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Doubt about infant feeding after discharge[c]	361 (100.0)	259 (71.8)	102 (28.6)						
Primiparous women	108 (29.9)	83 (76.9)	25 (23.1)	1.10	(0.97 - 1.26)	1.15	(1.00 - 1.32)	1.15	(0.98 - 1.33)
Multiparous women	253 (70.1)	176 (69.6)	77 (30.4)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Contact with maternity ward < 7 days after discharge[c]	354 (100.0)	271 (76.6)	83 (23.4)						
Primiparous women	101 (28.5)	84 (83.2)	17 (16.8)	1.13	(1.00 - 1.26)	1.15	(1.01 - 1.33)	1.11	(0.95 - 1.30)
Multiparous women	253 (71.5)	187 (73.9)	66 (26.1)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Feeling anxious or depressed one-week p.p.	373 (100.0)	236 (63.3)	137 (36.7)						
Primiparous women	108 (29.0)	69 (63.9)	39 (36.1)	1.01	(0.86 - 1.20)	1.11	(0.92 - 1.33)	1.10	(0.90 - 1.34)
Multiparous women	265 (71.0)	167 (63.0)	98 (37.0)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Feeling anxious or depressed six weeks p.p.[c]	330 (100.0)	232 (70.3)	98 (29.7)						
Primiparous women	98 (29.7)	31 (31.6)	67 (68.4)	0.96	(0.82 - 1.13)	1.01	(0.84 - 1.20)	1.00	(0.83 - 1.20)
Multiparous women	232 (70.3)	165 (71.1)	67 (28.9)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Knowledge of signs of newborns well-being after discharge[c]	372 (100.0)	140 (37.6)	232 (62.4)						
Primiparous women	108 (29.0)	39 (36.1)	69 (63.9)	1.03	(0.87 - 1.23)	1.11	(0.92 - 1.35)	1.10	(0.89 - 1.34)

Multiparous women	264 (70.1)	101 (38.3)	163 (61.7)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Neonatal readmission < 7 days after discharge	373 (100.0)	233 (62.5)	140 (37.5)						
Primiparous women	108 (29.0)	68 (63.0)	40 (37.0)	1.01	(0.85 - 1.20)	1.08	(0.89 - 1.31)	1.05	(0.85 - 1.29)
Multiparous women	265 (70.0)	165 (62.3)	100 (37.7)	1.00	(reference)	1.0	(reference)	1.00	(reference)

Abbreviations: p.p. = postpartum

[a] Adjusted for age and Body Mass Index (BMI)

[b] Adjusted for age, Body Mass Index (BMI), length of birth, and length of hospital stay after birth

[c] Missing values n (%): breastfeeding one-week p.p., 4 (2.70); breastfeeding six-weeks p.p., 11 (10.1); doubts about infant feeding after discharge, 10 (6.8); contact with maternity ward< 7 days after discharge, 19 (12.9); feeling anxious or depressed six weeks p.p., 5 (4.60); knowledge of signs of the newborns well-being after discharge, 1 (0.7)

Table s8. Sensitivity analysis of best-case scenario (0 % of the non-participating mothers having a poor outcome) and worse-case scenario (100 % of the non-participating mothers having a poor outcome) of primiparous and multiparous women's perception of the length of hospital stay after birth when discharged within 24 hours after birth. Crude and adjusted relative risk (RR) and confidence interval (95% CI) of primiparous women versus multiparous women who perceived the length of hospital stay as too short versus appropriate or too long (n=373).

	Mothers' perception of the length of hospital stay after birth									
	Total	Too short	Appropriate	Too long	Too short vs. appropriate or too long		Too short vs. appropriate or too long		Too short vs. appropriate or too long	
	n (%)	n (%)	n (%)	n (%)	Crude RR	(95% CI)	Adjusted[a] RR	(95% CI)	Adjusted[b] RR	(95% CI)
Best-case scenario										
Discharged < 24 hours after birth[c]	373 (100.0)	8 (2.2)	363 (97.3)	2 (0.5)						
Primiparous women	108 (29.0)	3 (2.8)	105 (97.2)	0	1.47	(0.36 - 6.05)	1.35	(0.28 - 6.42)	1.23	(0.23 - 6.72)
Multiparous women	265 (71.0)	5 (1.9)	258 (97.4)	2 (0.7)	1.00	(reference)	1.00	(reference)	1.00	(reference)
Worse-case scenario										
Discharged < 24 hours after birth[c]	373 (100.0)	235 (63.0)	136 (36.5)	2 (0.5)						
Primiparous women	108 (29.0)	67 (62.0)	41 (38.0)	0	0.98	(0.82 - 1.16)	1.06	(0.88 - 1.29)	1.07	(0.88 - 1.30)
Multiparous women	265 (71.0)	168 (63.4)	95 (35.9)	2 (0.7)	1.00	(reference)	1.00	(reference)	1.00	(reference)

Abbreviations: vs. = versus

[a] Adjusted for age and Body Mass Index (BMI)

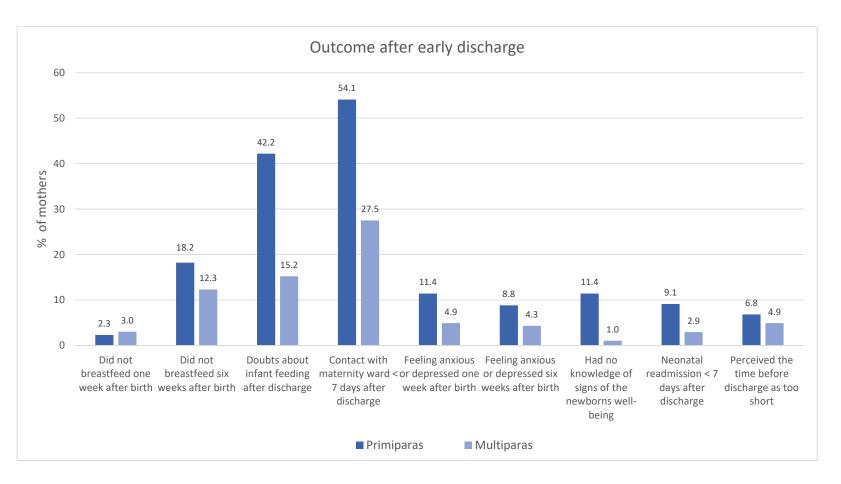[b] Adjusted for age, Body Mass Index (BMI), and length of birth

Figure s1. Percent of mothers reporting adverse outcomes after discharge within 24 hours and illustrated separately for primiparous and multiparous women.

Outcome after early discharge

Outcome	Primiparas	Multiparas
Did not breastfeed one week after birth	2.3	3.0
Did not breastfeed six weeks after birth	18.2	12.3
Doubts about infant feeding after discharge	42.2	15.2
Contact with maternity ward < 7 days after discharge	54.1	27.5
Feeling anxious or depressed one week after birth	11.4	4.9
Feeling anxious or depressed six weeks after birth	8.8	4.3
Had no knowledge of signs of the newborns well-being	11.4	1.0
Neonatal readmission < 7 days after discharge	9.1	2.9
Perceived the time before discharge as too short	6.8	4.9