Comparison: Home visits for postnatal care contacts compared with usual care (evidence source 1)

Source: Yonemoto N, Nagai S, Mori R. Schedules for home visits in the early postpartum period. Cochrane Database Syst Rev.2021;(7):CD009326.

№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Postnatal care home visits	Usual care (without home visits)	Relative (95% CI)	Absolute (95% CI)	Certainty (GRADE)	Importance
Certainty assessment							**№ of patients**		**Effect**			
Severe maternal morbidity												
2	randomized trials	very serious [a]	not serious	not serious	not serious	none	206/579 (35.6%)	109/297 (36.7%)	**RR 0.97** (0.80 to 1.17)	**11 fewer per 1000** (from 73 fewer to 62 more)	⊕⊕◯◯ LOW	CRITICAL
Secondary postpartum haemorrhage												
2	randomized trials	very serious [a]	not serious	not serious	serious [b]	none	40/577 (6.9%)	26/296 (8.8%)	**RR 0.78** (0.49 to 1.26)	**19 fewer per 1000** (from 45 fewer to 23 more)	⊕◯◯◯ VERY LOW	CRITICAL
Abdominal pain up to 42 days postpartum												
2	randomized trials	very serious [a]	not serious	not serious	serious [b]	none	152/574 (26.5%)	74/295 (25.1%)	**RR 1.06** (0.83 to 1.34)	**15 more per 1000** (from 43 fewer to 85 more)	⊕◯◯◯ VERY LOW	CRITICAL
Back pain up to 42 days postpartum												
2	randomized trials	very serious [a]	not serious	not serious	not serious	none	268/577 (46.4%)	143/294 (48.6%)	**RR 0.96** (0.83 to 1.11)	**19 fewer per 1000** (from 83 fewer to 54 more)	⊕⊕◯◯ LOW	CRITICAL
Maternal fever up to 42 days postpartum												
2	randomized trials	very serious [a]	not serious	not serious	serious [b]	none	104/579 (18.0%)	41/297 (13.8%)	**RR 1.30** (0.93 to 1.82)	**41 more per 1000** (from 10 fewer to 113 more)	⊕◯◯◯ VERY LOW	CRITICAL

№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Postnatal care home visits	Usual care (without home visits)	Relative (95% CI)	Absolute (95% CI)	Certainty (GRADE)	Importance
Certainty assessment							**№ of patients**		**Effect**			

Urinary tract complications up to 42 days postpartum

| 2 | randomized trials | very serious [a] | not serious | not serious | serious [b] | none | 102/579 (17.6%) | 63/297 (21.2%) | **RR 0.83** (0.63 to 1.10) | **36 fewer per 1000** (from 78 fewer to 21 more) | ⊕◯◯◯ VERY LOW | CRITICAL |

Dyspareunia

| 2 | randomized trials | very serious [a] | serious [c] | not serious | serious [b] | none | 138/574 (24.0%) | 60/295 (20.3%) | **RR 1.18** (0.90 to 1.55) | **37 more per 1000** (from 20 fewer to 112 more) | ⊕◯◯◯ VERY LOW | CRITICAL |

Maternal satisfaction with postnatal care

| 2 | randomized trials | very serious [a] | serious [c] | not serious | not serious | none | 459/570 (80.5%) | 246/292 (84.2%) | **RR 0.96** (0.90 to 1.02) | **34 fewer per 1000** (from 84 fewer to 17 more) | ⊕◯◯◯ VERY LOW | CRITICAL |

Unscheduled visits to hospital

| 2 | randomized trials | very serious [a] | serious [d] | not serious | serious [b] | none | 25/500 (5.0%) | 18/248 (7.3%) | **RR 0.69** (0.38 to 1.24) | **23 fewer per 1000** (from 45 fewer to 17 more) | ⊕◯◯◯ VERY LOW | CRITICAL |

Maternal contraceptive use

| 2 | randomized trials | very serious [a] | not serious | not serious | not serious | none | 224/565 (39.6%) | 118/291 (40.5%) | **RR 0.98** (0.82 to 1.16) | **8 fewer per 1000** (from 73 fewer to 65 more) | ⊕⊕◯◯ LOW | CRITICAL |

Infant jaundice

| 2 | randomized trials | very serious [a] | not serious | not serious | serious [b] | none | 199/568 (35.0%) | 99/293 (33.8%) | **RR 1.04** (0.85 to 1.26) | **14 more per 1000** (from 51 fewer to 88 more) | ⊕◯◯◯ VERY LOW | CRITICAL |

Infant respiratory tract infection within 42 days of birth

| 2 | randomized trials | very serious [a] | serious [c] | not serious | not serious | none | 312/572 (54.5%) | 158/293 (53.9%) | **RR 1.01** (0.89 to 1.15) | **5 more per 1000** (from 59 fewer to 81 more) | ⊕◯◯◯ VERY LOW | CRITICAL |

	Certainty assessment						№ of patients		Effect		Certainty (GRADE)	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Postnatal care home visits	Usual care (without home visits)	Relative (95% CI)	Absolute (95% CI)		

Infant diarrhoea within 42 days of birth

| 2 | randomized trials | very serious [a] | not serious | not serious | not serious | none | 256/568 (45.1%) | 155/293 (52.9%) | RR 0.85 (0.74 to 0.98) | 79 fewer per 1000 (from 138 fewer to 11 fewer) | ⊕⊕◯◯ LOW | CRITICAL |

Infant immunization

| 2 | randomized trials | very serious [a] | not serious | not serious | not serious | none | 550/572 (96.2%) | 289/296 (97.6%) | RR 0.99 (0.96 to 1.01) | 10 fewer per 1000 (from 39 fewer to 10 more) | ⊕⊕◯◯ LOW | CRITICAL |

Exclusive breastfeeding (last assessment up to 6 weeks of age)

| 1 | randomized trials | very serious [a] | not serious | not serious | very serious [b,d] | none | 18/30 (60.0%) | 10/30 (33.3%) | RR 1.80 (1.00 to 3.23) | 267 more per 1000 (from 0 fewer to 743 more) | ⊕◯◯◯ VERY LOW | CRITICAL |

Exclusive breastfeeding (last assessment up to 6 months of age)

| 3 | randomized trials | very serious [a] | not serious | not serious | not serious | none | 159/528 (30.1%) | 59/288 (20.5%) | RR 1.50 (1.15 to 1.94) | 102 more per 1000 (from 31 more to 193 more) | ⊕⊕◯◯ LOW | CRITICAL |

Any breastfeeding (last assessment up to 6 months of age)

| 2 | randomized trials | very serious [a] | not serious | not serious | not serious | none | 531/544 (97.6%) | 269/278 (96.8%) | RR 1.01 (0.99 to 1.04) | 10 more per 1000 (from 10 fewer to 39 more) | ⊕⊕◯◯ LOW | CRITICAL |

Mean duration of any breastfeeding (months)

| 1 | randomized trials | very serious [a] | not serious | not serious | serious [e] | none | 27 | 27 | - | MD **3 higher** (2.33 higher to 3.67 higher) | ⊕◯◯◯ VERY LOW | CRITICAL |

CI: confidence interval; MD: mean difference; RR: risk ratio.

a. Most of the pooled effect provided by studies "C".
b. Wide confidence interval crossing the line of no effect.
c. Statistical heterogeneity ($I^2 \geq 60\%$ or $Chi^2 \leq 0.05$).
d. Less than 300 women and/or less than 30 events.
e. Less than 400 women.