

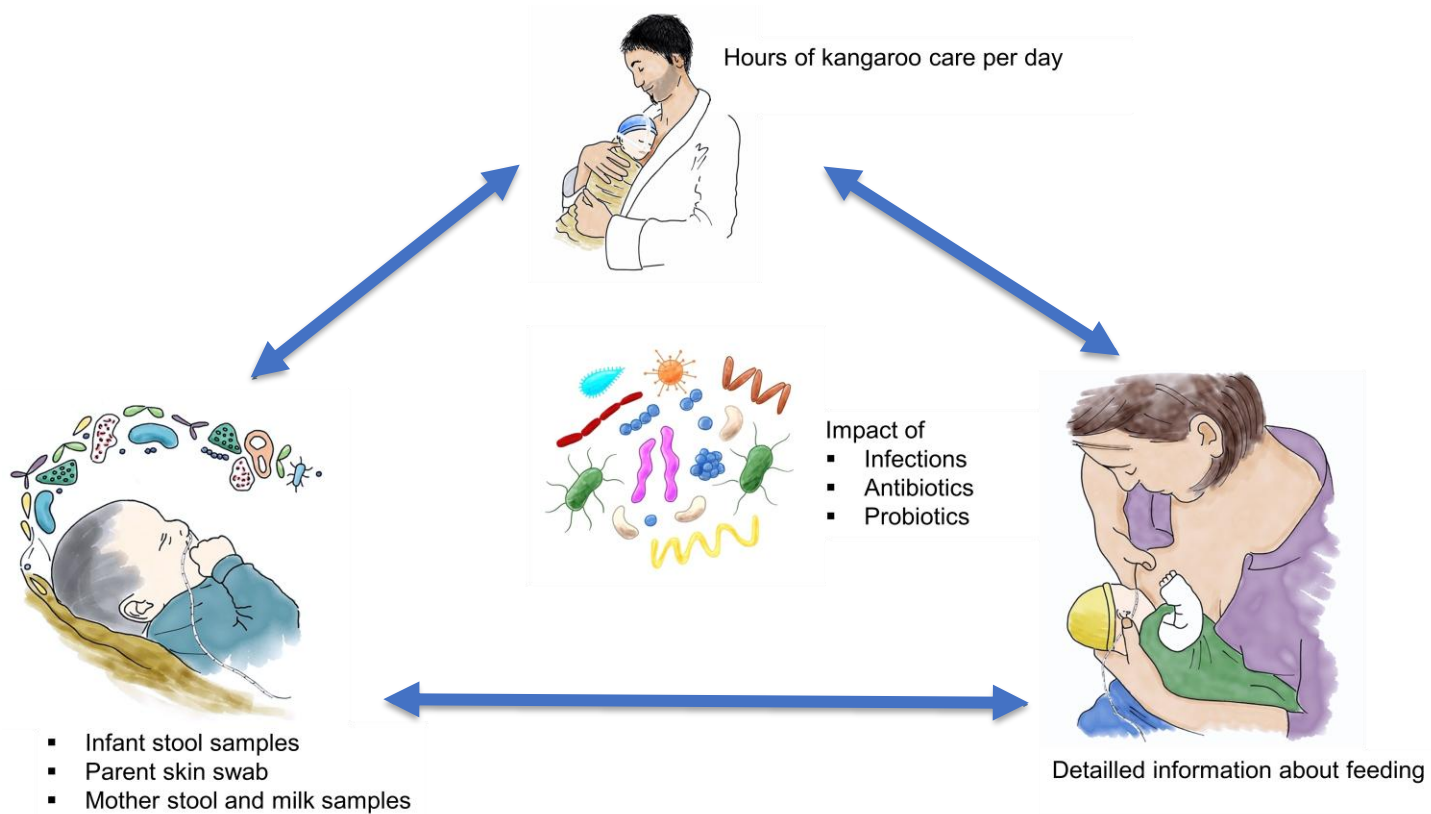


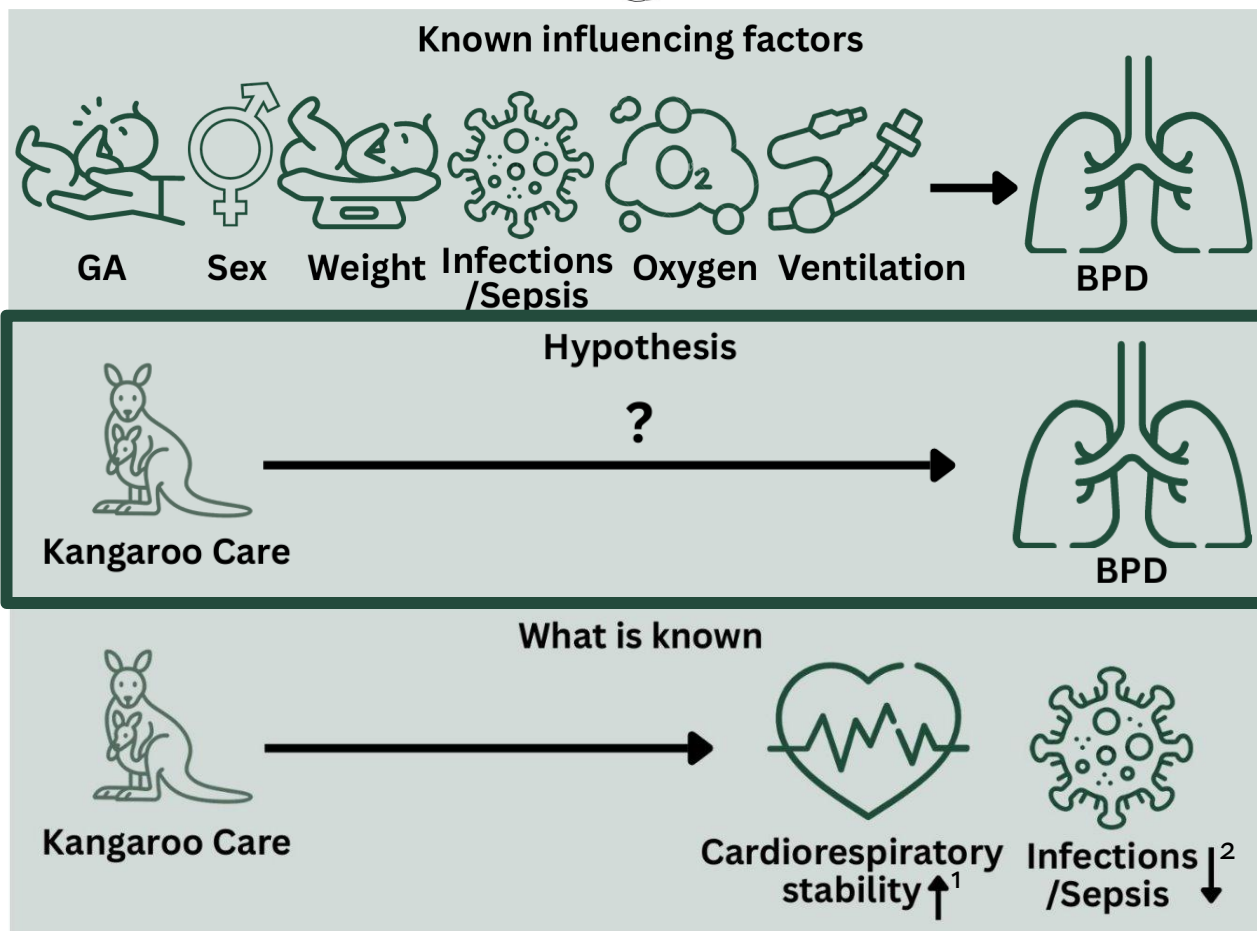
Kangaroo Care and Bronchopulmonary and Bronchopulmonary Dysplasia in Very Preterm Infants

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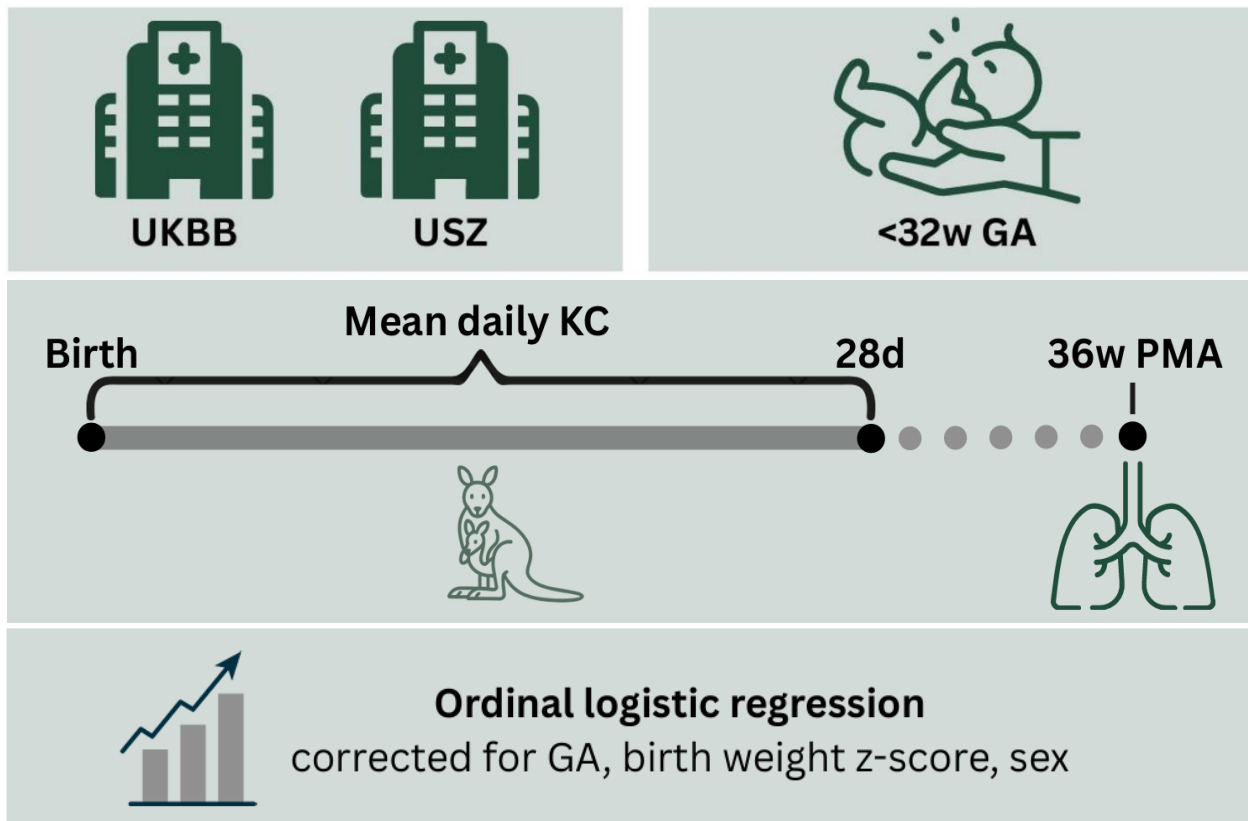
MINI-KAB Study





1 Linnér A, Lode Kolz K, Klemming S, et al. Immediate skin-to-skin contact may have beneficial effects on the cardiorespiratory stabilisation in very preterm infants. *Acta Paediatr.* 2022

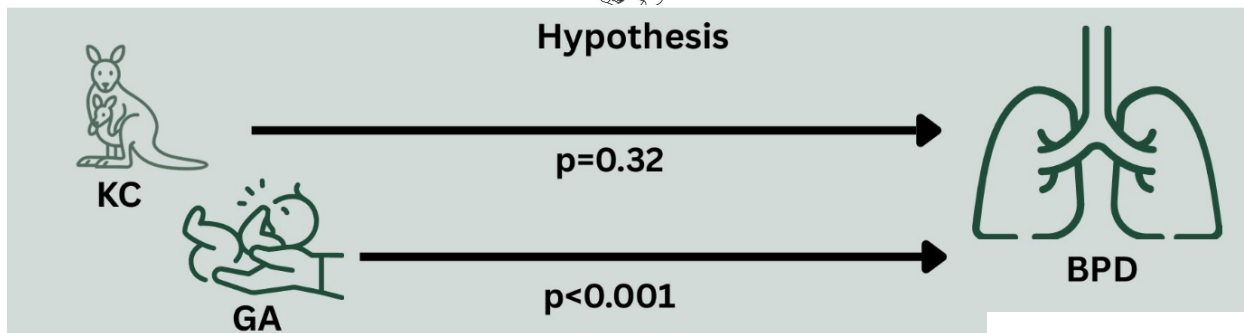
2 Minotti C, Jost K, Aghlmandi S, et al. All-cause mortality and infection-related outcomes of hospital-initiated kangaroo care versus conventional neonatal care for low-birthweight infants: a systematic review and meta-analysis. *Lancet Child Adolesc Health.* 2025



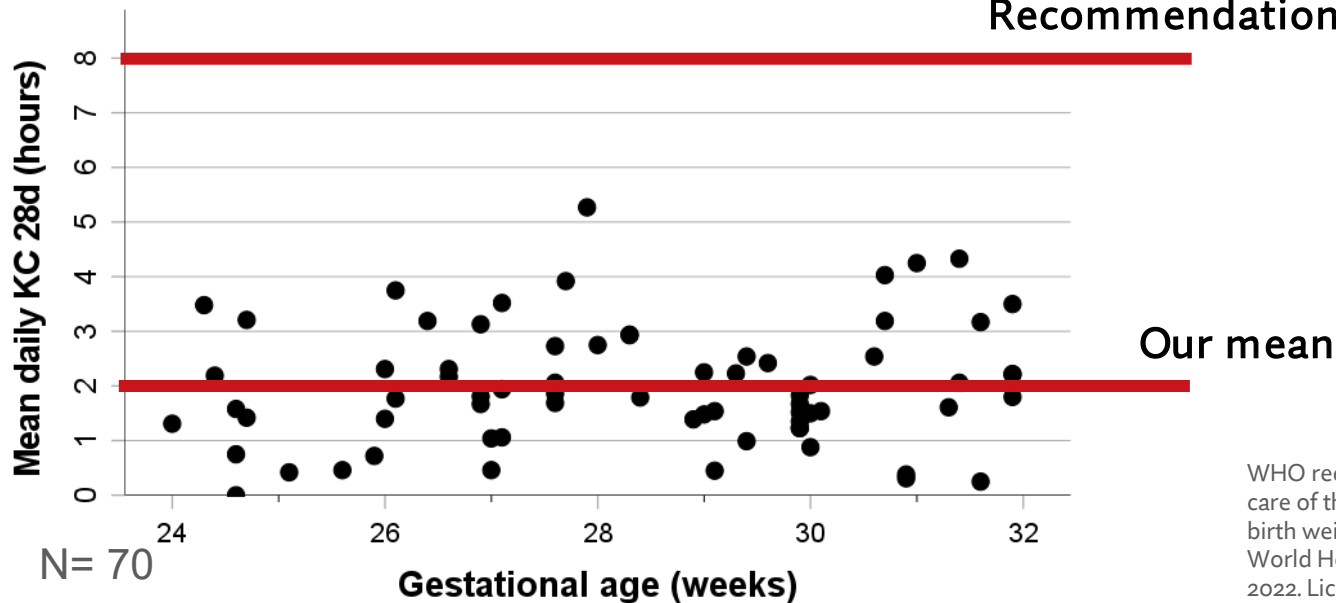


Baseline characteristics (Total n=70)

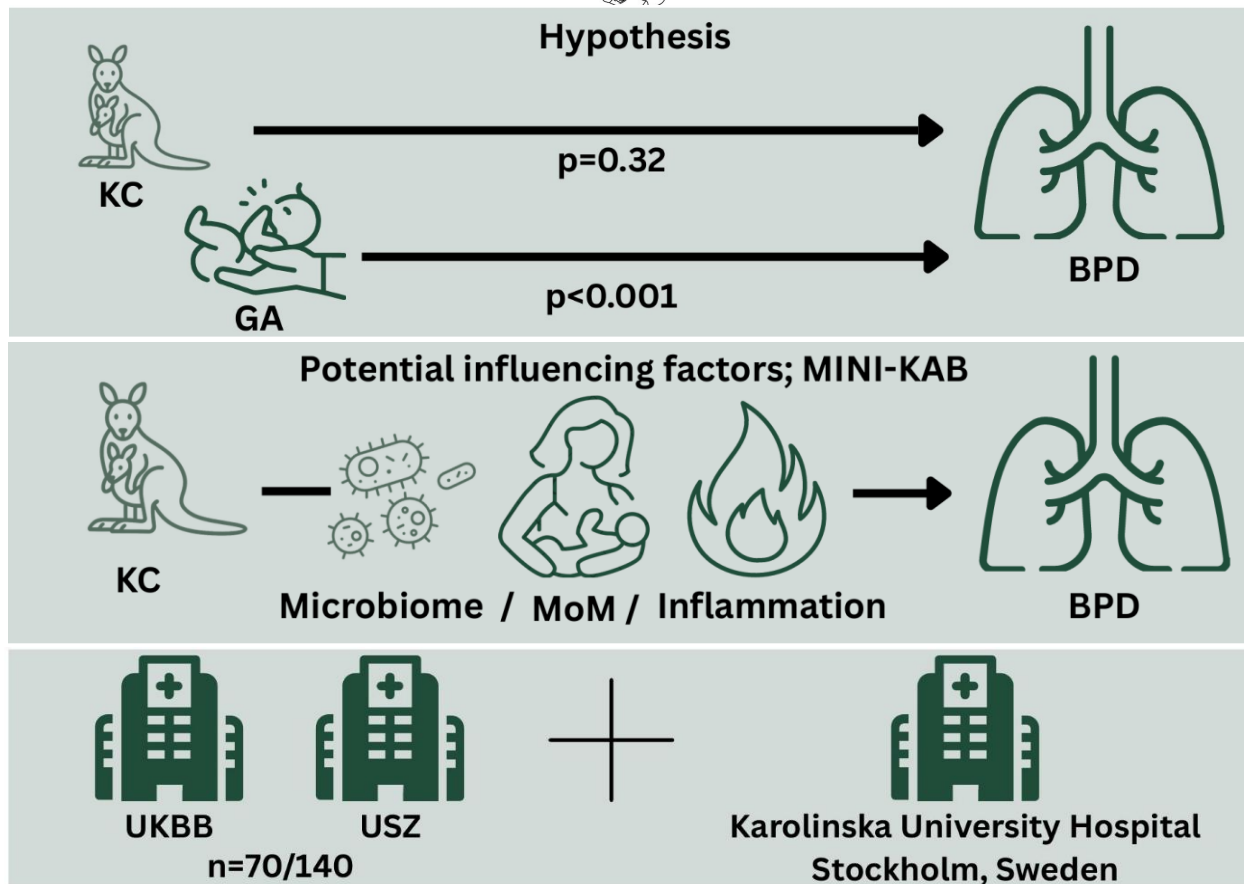
Male, n (%)	35 (50)
Gestational age (w), median (IQR)	28.3 (26.6 - 30.0)
Birth weight (g), mean (SD)	1056 (336)
Birth weight (z-score), median (IQR)	-0.60 (-1.42 - 0.05)
Mean daily KC first 28d (h), mean (SD)	2.01 (1.25)
BPD severity, n (%)	
None	41 (58.6)
Mild	16 (22.9)
Moderate	4 (5.7)
Severe	7 (10)



Recommendation WHO



WHO recommendations for care of the preterm or low birth weight infant. Geneva: World Health Organization; 2022. Licence: CC BY-NC-SA 3.0 IGO.





Thanks to the participating families
and the whole study team

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A.1 KANGAROO MOTHER CARE

Recommendation and remarks

RECOMMENDATION A.1a (UPDATED)

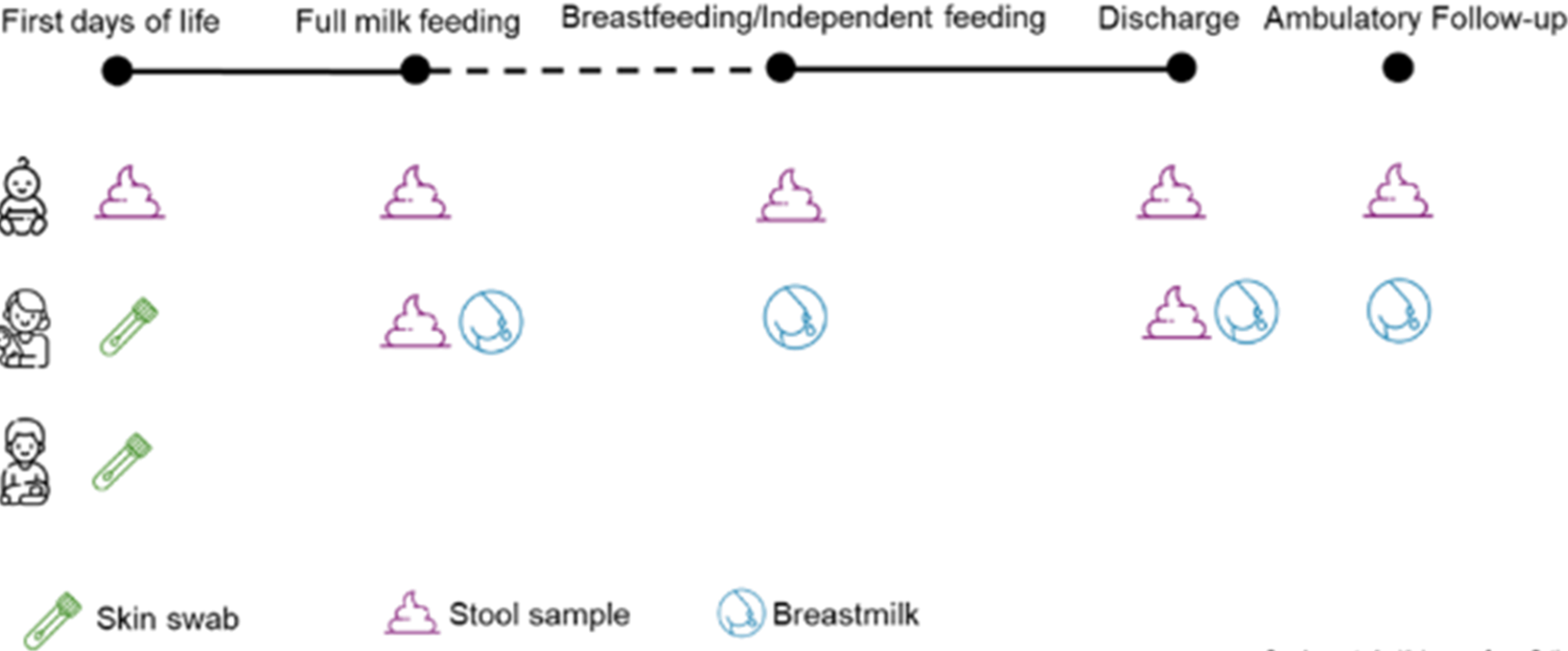
Any KMC:

Kangaroo mother care (KMC) is recommended as routine care for all preterm or low-birth-weight infants. KMC can be initiated in the health-care facility or at home and should be given for 8-24 hours per day (as many hours as possible). *(Strong recommendation, high-certainty evidence)*

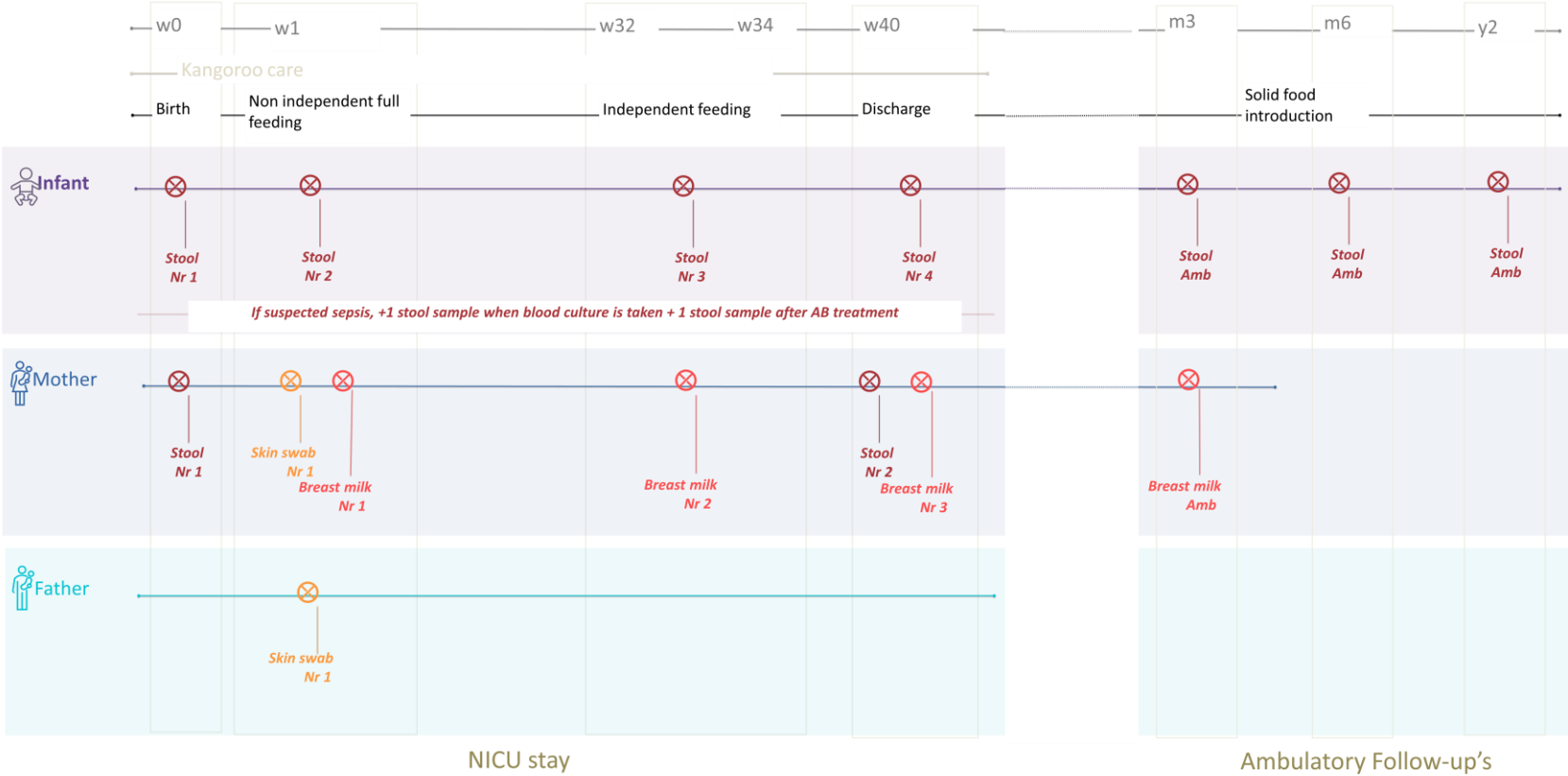
RECOMMENDATION A.1b (NEW)

Immediate KMC:

Kangaroo mother care (KMC) for preterm or low-birth-weight infants should be started as soon as possible after birth. *(Strong recommendation, high-certainty evidence)* *(Strong recommendation, high-certainty evidence)*



Graph created with images from: flaticon.com





BPD severity	β	SD	Z	P-value	95% CI
Mean daily KC duration in the first 28 days (hours)	-0.288	0.289	-1.00	0.319	(-0.855; 0.278)
Gestational age (weeks)	-1.144	0.217	-5.27	0.000	(-1.569; -0.718)

