



WHO recommendations on maternal and newborn care for a positive postnatal experience



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WHO recommendations on maternal and newborn care for a positive postnatal experience. Web Supplement. Evidence base*

The standardized criteria used in grading the evidence and the GRADE tables have been published in this separate Web Supplement. These evidence tables are referred to within this document by number, prefixed with "EB" (for evidence base), for ease of reference.

^{*} Available at: https://www.who.int/publications/i/item/9789240045989

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Acronyms and abbreviations

25(OH)D	25-hydroxyvitamin D	HRP	UNDP-UNFPA-UNICEF-WHO-World
AABR	automated auditory brainstem response		Bank Special Programme of Research,
AF	anti-secretory factor		Development and Research Training in Human Reproduction
ALTE	apparent life-threatening event	ICM	International Confederation of Midwives
AU\$	Australian dollar	IPA	International Pediatric Association
BIND	bilirubin-induced neurological	IPD	
	dysfunction		individual patient data international unit
Can\$	Canadian dollar	IU	
CASP	Critical Appraisal Skills Programme	LMIC	low- and middle-income country
CERQual	Confidence in the Evidence from Reviews of Qualitative research	LNG LNG-IUD	levonorgestrel levonorgestrel-releasing intrauterine
СНС	combined hormonal contraception		device
CHEC	Consensus Health Economic Criteria	MCA	Department of Maternal, Newborn, Child and Adolescent Health and Ageing (at
CHW	community health worker		WHO)
CI	confidence interval	MD	mean difference
CREP	Centro Rosarino de Estudios Perinatales	MEC	medical eligibility criteria
CRVS	civil registration and vital statistics	MLCC	midwife-led continuity of care
Cu-IUD	copper-bearing intrauterine device	MNH	maternal and newborn health
DALY	disability-adjusted life-year	MSD	Department of Mental Health and
dB	decibel		Substance Use (at WHO)
DDST	Denver Developmental Screening Test	NFS	Department of Nutrition and Food Safety
DECIDE	Developing and Evaluating		(at WHO)
	Communication Strategies to Support	NSAID	non-steroidal anti-inflammatory drug
	Informed Decisions and Practice Based on Evidence	OAE	otoacoustic emissions
DHS	Demographic and Health Survey	OR	odds ratio
DOI	declaration of interest	PBHL	permanent bilateral hearing loss
EB	evidence base	PCG	Pregnancy and Childbirth Group (Cochrane)
ECP	emergency contraceptive pill	PFMT	Pelvic floor muscle training
EPDS	Edinburgh Postnatal Depression Scale	PHQ-9	Patient Health Questionnaire-9
ERG	External Review Group	PICO	population (P), intervention (I),
EtD	evidence-to-decision		comparator (C), outcome (O)
ETG	etonogestrel	POI	progestogen-only injectable
FIGO	International Federation of Gynecology		contraceptive
	and Obstetrics	POP	progestogen-only pill
GDG	Guideline Development Group	PrEP	pre-exposure prophylaxis
GRADE	Grading of Recommendations	PSBI	possible serious bacterial infection
	Assessment, Development and Evaluation	PVR	progesterone-releasing vaginal ring
ніс		QALY	quality-adjusted life-year
піс	high-income country	RCT	randomized controlled trial

RR	risk ratio	TSB	total serum bilirubin
SDG	Sustainable Development Goal	TWG	Technical Working Group
SDM	standard mean difference	UNDP	United Nations Development
SIDS	sudden infant death syndrome		Programme
spp.	several species (plural)	UNFPA	United Nations Population Fund
SRH	Department of Sexual and Reproductive	UNHS	universal newborn hearing screening
	Health and Research (at WHO)	UNICEF	United Nations Children's Fund
SUDI	sudden unexpected death in infancy	US\$	United States dollar
ТВ	tuberculosis	USAID	United States Agency for International
ТсВ	transcutaneous bilirubinometer/		Development
	bilirubinometry	VTE	venous thromboembolism
TDF	tenofovir disoproxil fumarate	WHO	World Health Organization

Executive summary

Introduction

The postnatal period, defined here as the period beginning immediately after the birth of the baby and extending up to six weeks (42 days), is a critical time for women, newborns, partners, parents, caregivers and families. Yet, during this period, the burden of maternal and neonatal mortality and morbidity remains unacceptably high, and opportunities to increase maternal well-being and to support nurturing newborn care have not been fully utilized. Postnatal care services are a fundamental component of the continuum of maternal, newborn and child care, and key to achieving the Sustainable Development Goals (SDGs) on reproductive, maternal and child health, including targets to reduce maternal mortality rates and end preventable deaths of newborns.

In line with the SDGs and the Global Strategy for Women's, Children's and Adolescents' Health, and in accordance with a human rights-based approach, postnatal care efforts must expand beyond coverage and survival alone to include quality of care. This guideline aims to improve the quality of essential, routine postnatal care for women and newborns with the ultimate goal of improving maternal and newborn health and well-being. It recognizes a "positive postnatal experience" as a significant end point for all women giving birth and their newborns, laying the platform for improved short- and long-term health and well-being. A positive postnatal experience is defined as one in which women, newborns, partners, parents, caregivers and families receive information, reassurance and support in a consistent manner from motivated health workers; where a resourced and flexible health system recognizes the needs of women and babies, and respects their cultural context.

This is a consolidated guideline of new and existing recommendations on routine postnatal care for women and newborns receiving facility- or community-based postnatal care in any resource setting. It provides a comprehensive set of recommendations for care during the postnatal period, focusing on the essential package that all women and newborns should receive, with due attention to quality of care; that is, the provision and experience of care. This guideline updates and expands upon the 2014 WHO recommendations on postnatal care of the mother and newborn, and complements existing WHO guidelines on the management of postnatal complications.

Target audience

The recommendations in this guideline are intended to inform the development of relevant national and subnational health policies, clinical protocols and programmatic guides. Therefore, the target audience includes national and subnational public health policy-makers, implementers and managers of maternal, newborn and child health programmes, health facility managers, health workers (including midwives, auxiliary nurse-midwives,

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