

Practices to improve coverage of the *hepatitis B* birth dose vaccine

Immunization, Vaccines and Biologicals



World Health
Organization

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World Health Organization
Department of Immunization, Vaccines and Biologicals
CH-1211 Geneva 27, Switzerland

• *Fax:* + 41 22 791 4227 • *Email:* vaccines@who.int •

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Abbreviations and acronyms

AAP	American Academy of Pediatrics
BCG	bacille Calmette-Guérin (vaccine)
CASP	Critical Appraisal Skills Programme
CI	95% confidence interval
CDC	US Centers for Disease Control and Prevention
CHIP	country health information programmes
CTC	controlled temperature chain
EPI	Expanded Programme on Immunization
GAVI	Global Alliance for Vaccines and Immunization
GRADE	Grading of Recommendations Assessment, Development and Evaluation
HBV	Hepatitis B virus
HBsAg	Hepatitis B surface antigen
HIS	health information systems
IEC	Information, Education and Communication
IMPAC	Integrated Management of Pregnancy and Childbirth
IPAC	Immunization Practices Advisory Committee
LMIC	low- and middle-income country
LSHTM	London School of Hygiene and Tropical Medicine
MCH	maternal and child health
MNH	maternal and neonatal health
MOH	Ministry of Health
MPS	Making Pregnancy Safer (WHO)
OCC	out-of-the-cold-chain (older terminology used by some studies)
OPV	oral polio vaccine
OR	odds ratio
PATH	Program for Appropriate Technology in Health

RCT	randomized control trial
TBA	traditional birth attendant
UNICEF	United Nations Children’s Fund
USA	United States of America
USPHS	United States Public Health Services
VHV	village health volunteer
VIDRL	Victorian Infectious Diseases Reference Laboratory
VVM	vaccine vial monitor
WHO	World Health Organization

Preface

This paper has been prepared for the World Health Organization (WHO), Immunization, Vaccines and Biologicals, Expanded Programme on Immunization (EPI) by Priya Mannava and Chris Morgan of the Burnet Institute. It is based on a background document prepared by Carville, Morgan, Cowie and Stewart for a Technical Consultation on hepatitis B birth dose held in Melbourne, Australia in December 2010, and includes re-examination of the evidence in the form of a scoping review conducted in March 2012. This document has been endorsed by the members of the Immunization Practices Advisory Committee of the WHO EPI.

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