

The Department of Immunization, Vaccines and Biologicals thanks the donors whose unspecified financial support has made the production of this document possible.

This document was published by the Expanded Programme on Immunization (EPI) of the Department of Immunization, Vaccines and Biologicals

Printed: December 2016

This publication is available on the Internet at: www.who.int/immunization/documents

Copies of this document as well as additional materials on immunization, vaccines and biologicals may be requested from:

World Health Organization Department of Immunization, Vaccines and Biologicals CH-1211 Geneva 27 Switzerland Fax: + 41 22 791 4227

Email: vaccines@who.int

WHO Library Cataloguing-in-Publication Data

Guide to Introducing HPV Vaccine into National Immunization Programmes

1. Papillomavirus Vaccines. 2. Uterine Cervical Neoplasms – prevention and control. 3. Immunization Programs. I. World Health Organization.

(NLM classification: WP 480)

ISBN 978 92 4 154976 9

© World Health Organization 2016

All rights reserved. Publications of the World Health Organization are available on the WHO website (http://www.who.int) or can be purchased from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; email: bookorders@who.int).

Requests for permission to reproduce or translate WHO publications—whether for sale or for non-commercial distribution—should be addressed to WHO Press through the WHO website (http://www.who.int/about/licensing/copyright_form/index.html).

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

Design and layout: Paprika (Annecy, France)

Printed by the WHO Document Production Services, Geneva, Switzerland

Photo credits: Cover: © UNICEF/UNI89039/Purushotham

Guide to INTRODUCING HPV VACCINE INTO NATIONAL IMMUNIZATION PROGRAMMES

TABLE OF CONTENTS

Abbreviations				
About	this guide	IX		
1. INT	RODUCTION			
	HPV infection and cervical cancer			
	HPV vaccination: Part of a comprehensive approach to prevention of cervical cancer			
	HPV vaccines			
	HPV vaccination: Something new and different for immunization programmes			
	WHO Recommendations for HPV Vaccination	9		
2. DE0	CISION-MAKING AT COUNTRY LEVEL	12		
	What should be the process?	13		
	What information is needed?	14		
	Will HPV vaccination be financially sustainable?	15		
	What delivery strategy for HPV vaccination is best?	17		
	How can HPV vaccine be integrated with other vaccinations or health interventions?	23		
	What policies need to be in place?			
	Who are key stakeholders to include in the process?	27		
3. PL/	ANNING	28		
	What plans need to be made or revised?	29		
	How to plan for national introduction?	29		
	How to select the target population for HPV vaccination?	30		
	How can the number of girls to be vaccinated with HPV vaccine be estimated?	32		
	Where can you find the girls targeted for HPV vaccination?	33		
	How much will it cost to introduce HPV vaccine?	33		
	How to coordinate with other stakeholders?	34		
4. VAC	CINE MANAGEMENT	36		
	How to forecast and calculate vaccine supply needed for HPV vaccine?	37		
	What cold chain capacity will be required for HPV vaccine?	37		
	How should HPV vaccines be stored and handled?	38		
5. MIC	ROPLANNING AT THE DISTRICT LEVEL	42		
	Verifying the estimated target population	43		
	Ensuring that cold chain capacity is adequate			
	Planning and coordinating logistics for vaccine delivery at outreach locations in schools			
	and communities	44		
	Consent for vaccination	45		
6. COI	MMUNICATION AND SOCIAL MOBILIZATION	46		
0.001	Developing a Communication Plan			
	Developing key messages for HPV vaccines			
	Identifying the audiences			
	Using multiple channels and opportunities for communication			
	Rumours and crisis management			
7 1145	PLEMENTATION – TRAINING, SERVICE DELIVERY AND SUPERVISION			
/ . IIVIF	Training			
	Service delivery			
	Supportive supervision			
	Supportive Super vision			

8. MONI	TORING AI	ND EVALUATION	62
	Monitorin	g tools	63
	Evaluation	n tools	67
ANNEXE	S		70
	Annex 1.	UN Population Division – Female population by single age, major area, region	
		and country, annual estimates 1950-2100	71
	Annex 2.	How to perform a shake test	73
	Annex 3.	Timing and frequency for HPV vaccine communications – a country example	74
	Annex 4.	Observed rate of vaccine reactions – HPV vaccine	75
	Annex 5.	Sample AEFI reporting form	79
	Annex 6.	Aid memoire for AEFI Investigation and Sample AEFI Investigation Form.	81
	Annex 7.	Sample HPV vaccine register (integrated with other vaccines)	85
	Annex 8.	Sample tally sheet	86
	Annex 9.	Sample vaccination card	87
	Annex 10.	Sample monthly vaccination report	88
	Annex 11.	Frequently Asked Questions (FAQs)	89

ABBREVIATIONS

AD syringe Auto-disable syringe

AEFI Adverse event following immunization

cMYP Comprehensive multi-year planCTC Controlled Temperature Chain

EPI Expanded Programme on Immunization

EVM Effective vaccine management

GACVS Global Advisory Committee on Vaccine Safety

HIV Human immunodeficiency virus

HPV Human papillomavirus

IARC International Agency for Research on Cancer

ICC Inter-agency coordinating committee

IEC Information, education and communication

MOH Ministry of Health

NITAG National immunization technical advisory group

SAGE Strategic advisory group of experts on immunization

UNESCO United Nations Education, Scientific and Cultural Organization

UNICEF United Nations Population Fund
UNICEF United Nations Children's Fund

VLP Virus-like particleVVM Vaccine vial monitorWHO World Health Organization



https://www.yunbaogao.cn/report/index/report?reportId=5_26740

