



### STANDARD OPERATING PROCEDURES RESPONDING TO A POLIOVIRUS EVENT OR OUTBREAK















unicef 🇐 Rotary





BILL& MELINDA GATES foundation







March 2022

#### STANDARD OPERATING PROCEDURES RESPONDING TO A POLIOVIRUS EVENT OR OUTBREAK

Version 4





ation unicef 🗐





BILL& MELINDA GATES foundation



Standard operating procedures: responding to a poliovirus event or outbreak, version 4

ISBN 978-92-4-004915-4 (electronic version) ISBN 978-92-4-004916-1 (print version)

Published by the World Health Organization (WHO) on behalf of the Global Polio Eradication Initiative

#### © World Health Organization 2022

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; https://creativecommons.org/licenses/by-nc-sa/3.0/igo).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization (<u>http://www.wipo.int/amc/en/mediation/rules/</u>).

**Suggested citation.** Standard operating procedures: responding to a poliovirus event or outbreak, version 4 Geneva: World Health Organization; 2022. Licence: <u>CC BY-NC-SA 3.0 IGO</u>.

Cataloguing-in-Publication (CIP) data. CIP data are available at http://apps.who.int/iris.

**Sales, rights and licensing**. To purchase WHO publications, see <u>http://apps.who.int/bookorders</u>. To submit requests for commercial use and queries on rights and licensing, see <u>http://www.who.int/copyright</u>.

**Third-party materials.** If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

**General disclaimers.** 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 WHO 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 WHO 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 WHO 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 WHO be liable for damages arising from its use.

# CONTENTS

Acknowledgement
Acronyms
<b>1. Overview 1</b> Background  1    Purpose and scope  1    What's new in this version  2    Related Guidance  4    Polio Eradication Strategy 2022–2026,  4    Delivering on a Promise  4
2. Poliovirus events & OutBreaks 7 Key Definitions:
3. Detection, notification & investigation  .11    Detection  .11    Notification  .11    Investigation  .12
4. Risk assessment
5. Response standards - overview
6. Vaccination Response

iv v 1	Continued adaptation to the COVID-19 pandemic
1 1 2	Routine immunization coverage improvement planning, to be integral part of polio outbreak response
4	7. Surveillance following investigation43
4	Surveillance enhancement
•••• <b>7</b> ••••7	Strategies for special populations and security-compromised areas
s in 8	8. Communication and social mobilization 47
	Strategic C4D framework for polio outbreak
on .11	response 47
	Data gathering to guide C4D activities
12	Communication strategies 49
	9. GPEI Support
19	Coordination
19	Budgets and financing
22	Human resource surge
22	GPEI performance standards 54
	10. Monitoring and Evaluation of response55
23	Monitoring quality of SIAs
virus	Monitoring surveillance enhancement 57
23	Novel OPV2 post deployment monitoring 58
24	Outbreak response assessments (OBRAs) 58
nse 25	11. Gender Mainstreaming
27	12. Prevention of sexual exploitation, abuse and harassment
27	Annexes
28	Annex 1: Risk assessment overview 65
ovirus	Annex 2: Timeline and responsibility 67
34	Annex 3: Gender Checklist for Polio Outbreak
35	Response
35	Annex 3: Gender Checklist for Polio Outbreak Response
ons 38	
	<b>References</b>

# ACKNOWLEDGEMENT

This document reflects inputs and contributions from epidemiologists, technical experts, laboratory scientists, public health and gender experts from field, regional and global levels, in a process led by the GPEI partners: Rotary International, World Health Organization, the US Centers for Disease Control and Prevention, the United Nations Children's Fund, the Bill & Melinda Gates Foundation, and Gavi, the Vaccine Alliance. Some critical aspects of these SOPs were derived from broad consultations with expert advisory groups, including the WHO, Strategic Advisory Group of Experts (SAGE) on immunization and endorsed by the GPEI's relevant technical and management groups.

# ACRONYMS

AFP	Acute Flaccid Paralysis
aVDPV	Ambiguous Vaccine Derived Poliovirus
bOPV	Bivalent Oral Polio Vaccine
COVID-19	Coronavirus Disease 2019
cVDPV	Circulating Vaccine Derived Poliovirus
DG	Director General
DON	Disease Outbreak Notification
EOC	Emergency Operation Centre
EPI	Expanded Programme on Immunization
ES	Environmental Sampling
EUL	Emergency Use Listing
EV	Enterovirus
GAVI	Global Alliance for Vaccines and Immunizations
GIS	Geographic Information System
GPEI	Global Polio Eradication Initiative
GPLN	Global Polio Laboratory Network
GPS	Global Positioning System
IHR	International Health Regulations
IM	Independent Monitoring
IMST	Incident Management Support Team
IPC	Infection Prevention and Control
IPV	Inactivated Polio Vaccine
iVDPV	Immunodeficiency-associated Vaccine Derived Poliovirus
LQAS	Lot quality Assurance Sampling
m0PV2	Monovalent Oral Polio Vaccine type2
nOPV2	Novel Oral Polio Vaccine type2

NPAFP	Non Polio Acute Flaccid Paralysis
OBRA	Outbreak Response Assessment
OPV	Oral Polio Vaccine
ORPG	Outbreak Response and Preparedness Group
PCS	Post Certification Strategy
PHEIC	Public Health Emergency of International Concern
PID	Primary immunodeficiency disorder
PIRI	Periodic Intensification of Routine Immunization
POB	Polio Oversight Board
PRSEAH	Prevention of Sexual Exploitation, Abuse and Harassment
RED	Reach Every District
RR	Rapid Response
RRT	Rapid Response Team
SAGE	Strategic Advisory Group of Expert on Immunization
SIA	Supplementary Immunization Activities
SIAD	Short Interval Additional Dose Strategy
STOP	Stop Transmission of Polioviruses
tOPV	Trivalent Oral Polio Vaccine
UNDSS	United Nations Department of Safety and Security
UNICEF	United Nations Children's Fund
VAPP	Vaccine Associated Paralytic Polio
VDPV	Vaccine Derived Poliovirus
VVM	Vaccine Vial Monitor
WHO	World Health Organization
WPV	Wild Poliovirus

#### 预览已结束, 完整报告链接和二维码如下:



https://www.yunbaogao.cn/report/index/report?reportId=5\_31907