

Feasibility of Measles and Rubella Eradication

In Preparation for a Report to the
73rd World Health Assembly 2020

William Moss

SAGE Working Group on Measles and Rubella

Discussion Topics

Purpose, scope and title of report

Overall structure and content

Additional data and analyses

Process and timeline

Interim and final report

Stakeholder engagement

SAGE Endorsement of Measles Eradication – November 2010

“SAGE reviewed the report and recommendations from the July 2010 Global Technical Consultation to Assess the Feasibility of Measles Eradication.

SAGE concluded that **measles can and should be eradicated. A goal for measles eradication should be established with a proposed target date based on measurable progress made towards existing goals and targets.** The eradication of measles represents unique disease control and developmental opportunities, and should be carried out in the context of strengthening routine immunization programmes.”

Measles and Rubella Global Strategic Plan 2012–2020 Midterm Review

“Although all six regions have measles elimination goals with the ultimate vision of a world free of measles, it is premature to set a timeframe for eradication at this point.

Instead, the annual review of progress toward the Global Vaccine Action Plan (GVAP) goals should be used to assess progress toward measles elimination.

A determination should be made, not later than 2020, whether a formal global goal for measles eradication should be set with timeframes for achievement.

In the meantime, all regions should work toward achieving the regional elimination goals.”

World Health Assembly

70th World Health Assembly held on May 31, 2017

Director-General to report through the Executive Board to the 73rd World Health Assembly in 2020

“on the epidemiological aspects and feasibility of, and potential resource requirements for, measles and rubella eradication, taking into account the assessment of the Strategic Advisory Group of Experts on immunization.”

Report to WHA

Realistic, critical appraisal of measles and rubella eradication, including challenges, and proposed milestones and timelines

Build upon prior assessments, most importantly the Measles and Rubella Global Strategic Plan 2012–2020 Midterm Review

Synthesize existing information

Case studies

Proposed Structure

Introduction

Historical context

Progress toward elimination

Operational challenges

Impact on the health sector

Financing

Political and public support

Management and accountability framework

Timelines for intermediate targets and possible eradication

Recommendations

Introduction

Request from the World Health Assembly

Regional elimination goals

Integration within broader development and immunization goals

Sustainable Development Goal 3 and GPW 13
Global Immunization beyond 2020

Measles and Rubella Mid-Term Review

Objectives and scope of the report

Timelines for intermediate targets and possible eradication goal

Historical Context

Summary of recent assessments of measles eradication

Lessons from prior eradication efforts

Status of polio eradication and the polio transition

Progress Toward Elimination

Strategies and tactics for measles and rubella elimination

Progress toward achieving measles and rubella elimination

Regional verification of measles and rubella elimination

Case studies: successful elimination and failed elimination

Issues raised by the Mid-Term Review

Operational Challenges

Operational challenges to measles and rubella eradication and proposed solutions

Need for improved surveillance for measles, rubella and congenital rubella syndrome

Challenges of sustaining elimination with delayed eradication

Innovative strategies and tools to achieve measles and rubella eradication

Impact on the Health Sector

Impact of measles and rubella eradication on immunization and health systems

Measles and rubella vaccine supply

Financing

Expected cost and return on investment

Need for donor support

Cost of delaying eradication

Political and Public Support

Public support for measles and rubella eradication

Political support for measles and rubella eradication

Ethical imperative

Need for measles and rubella eradication champions

Case studies

Management and Accountability Framework

Measles and Rubella Midterm Review

Global Polio Eradication Initiative governance and structure

Timelines for Intermediate Targets and Possible Eradication Goal

Timeline for intermediate targets

Potential target date for measles and rubella eradication

Potential date to reconsider measles and rubella eradication

Risks of continued measles and rubella virus transmission, fragility of elimination, and changing immunity gaps

Conclusions and Recommendations

What will it take to achieve measles and rubella eradication?

What are the benefits and risks of setting an aspirational goal for measles and rubella eradication?

What is the new vision for measles and rubella eradication that will mobilize the public, stakeholders and potential donors?

Recommendations to the World Health Assembly

Stakeholder Engagement

How to engage key stakeholders in this process?

Discussion Topics

Purpose, scope and title of report

Overall structure and content

Additional data and analyses

Process and timeline

Interim and final report

Stakeholder engagement