

**GUIDELINES
FOR THE TREATMENT
OF MALARIA**



Dr Kamini Mendis
Global Malaria Programme



**World Health
Organization**



**World Health
Organization**

Contents and scope of WHO Malaria Treatment Guidelines

- Malaria diagnosis and treatment – policies and strategies from a clinical and a public health perspective

The WHO Guidelines for the Treatment of Malaria...

...provides evidence based recommendations for the treatment of:

- uncomplicated malaria

- severe malaria

- ✓ in special groups (young children, pregnant women, HIV /AIDS)
- ✓ in travellers (from non-malaria endemic regions)
- ✓ in epidemics and complex emergency situations

- *2006 version deals only with curative treatment*
- *The revised 2008 version will also deal with preventive uses of antimalarials - eg intermittent preventive treatment and chemoprophylaxis*

<http://www.who.int/malaria/treatmentguidelines.html>

Evidence used for recommendations

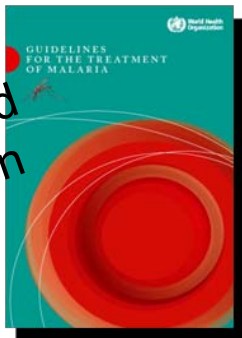
● Strength of evidence:

- formal systematic reviews, more than one randomized controlled trial
- comparative trials, no formal systematic review
- observational studies (e.g. surveillance or pharmacological data)
- expert opinion/consensus.

Contents and scope of WHO Malaria Treatment Guidelines

- Malaria diagnosis and treatment – policies and strategies from a clinical and a public health perspective
 - **What to use** – in diagnosis, curative/palliative treatment
 - **How and where to use**
 - Indications, contraindications and precautions
 - Best practices in clinical management
 - Strategies for the use of medicines
 - Combination therapy
 - Rectal artemisinin
 - Artemisinin monotherapy

RESPONSE TO NEW INFORMATION



Updated version

New Evidence

Guidelines Drafting Committee is a sub-committee of the expert committee (GSG)

Changes to MTG approved by GDC

Process of review and update:

- routinely every 2 years
- ad-hoc based on need

Screening by GSG

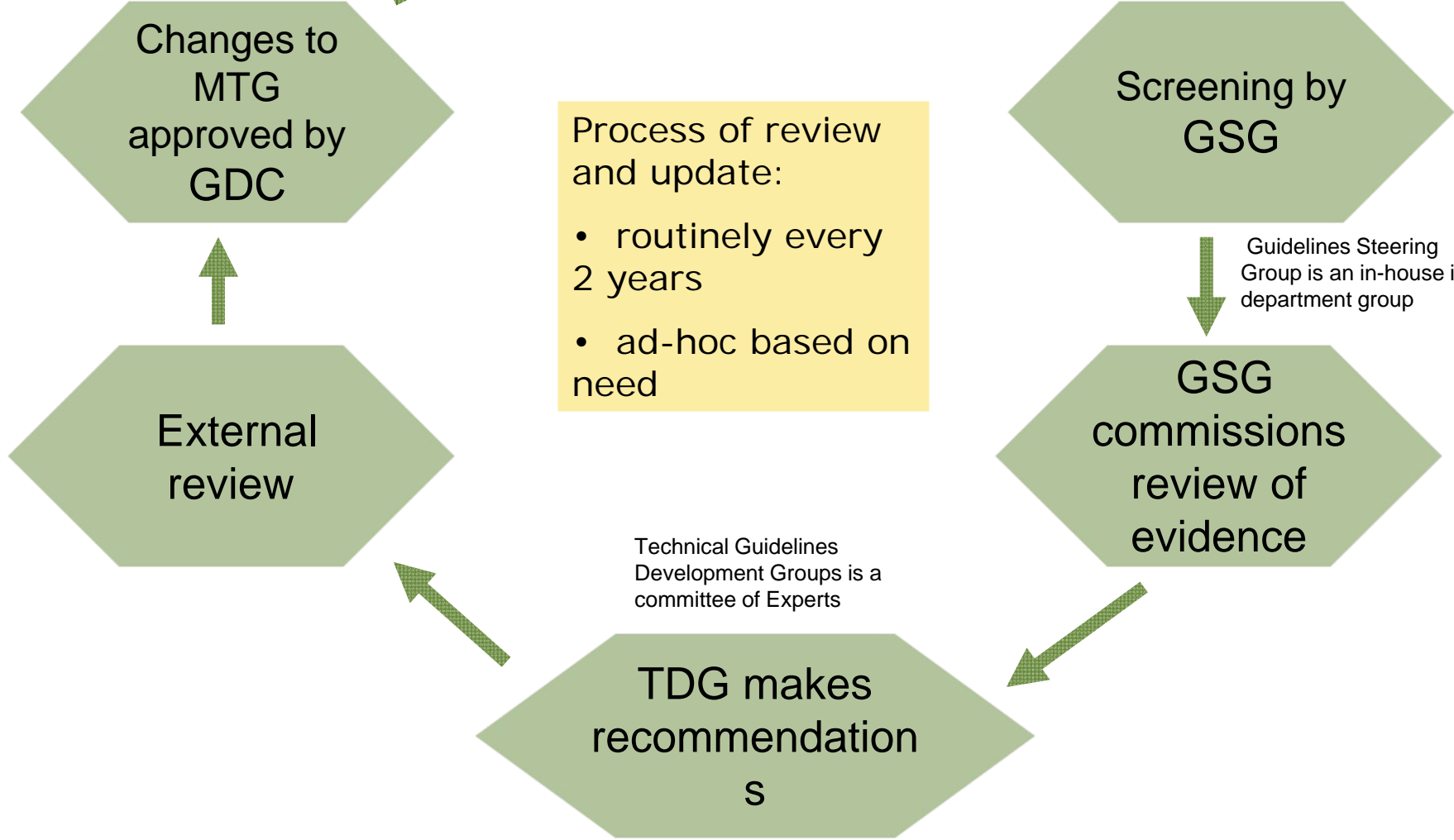
Guidelines Steering Group is an in-house inter-department group

GSG commissions review of evidence

Technical Guidelines Development Groups is a committee of Experts

TDG makes recommendations

External review



The purpose of WHO MTGs

- It is not a clinical management manual for the treatment of malaria
- To provide a framework for development of specific and more detailed diagnosis and treatment protocols in countries
 - Taking in account national and local malaria drug resistance patterns and health services capacity
- Where there are controversies on clinical or public health practices, to provide an analysis of the current evidence to inform and guide decisions

Formulation of Recommendations for Malaria Treatment

- Based on evidence - on a consideration of the safety, efficacy, overall cost- benefit
 - from a clinical and a global public health perspective
 - Considering, in the case of a medicine, procedure or a strategy, the benefits against the
 - the risks,
 - burden of cost
 - the implications for the health system,
 - the feasibility of implementation