

Prevention and Control of Viral Hepatitis Infection: WHO Framework for Global Action

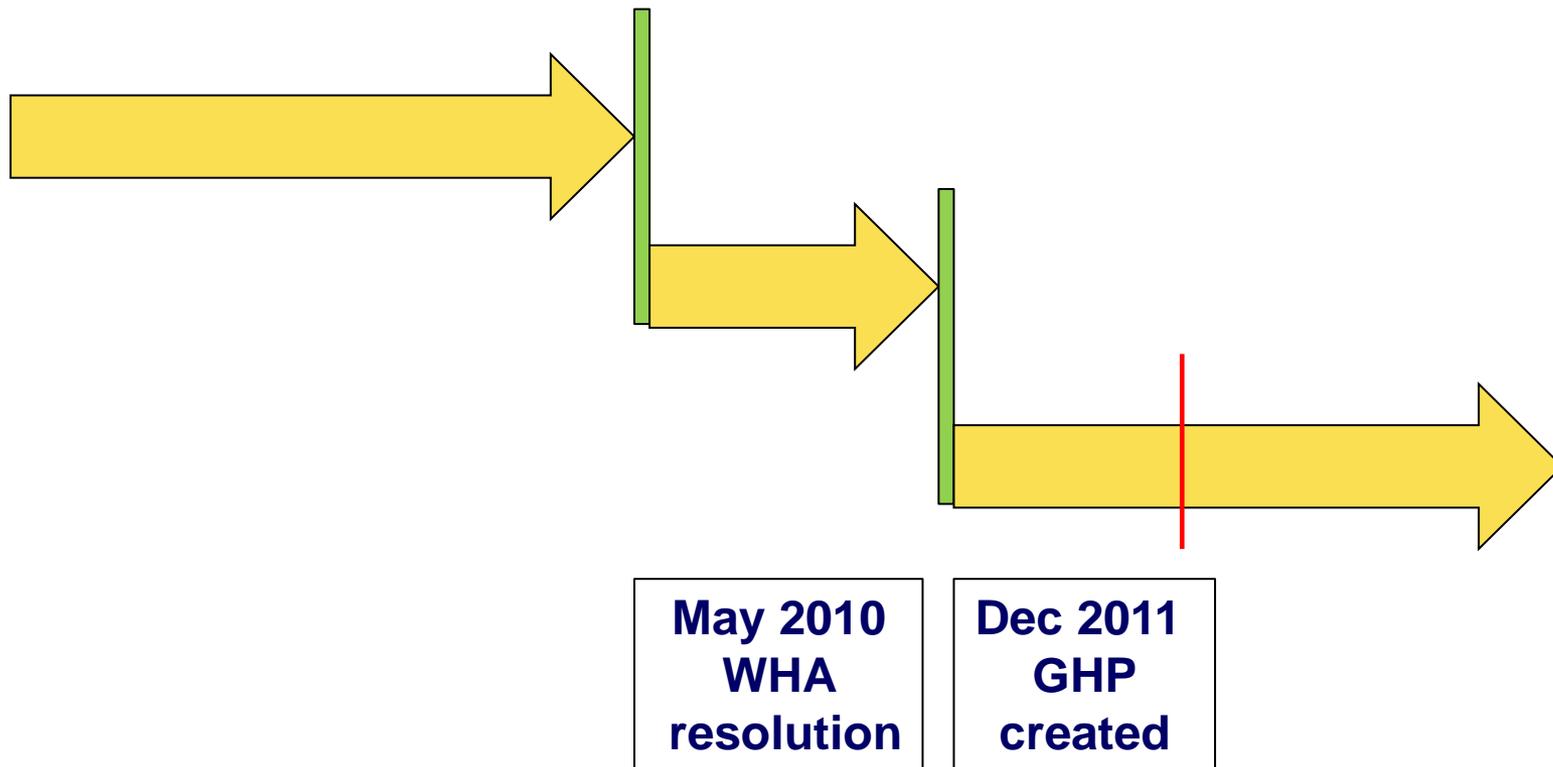
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programme

Dr. Stefan Wiktor, Team Lead

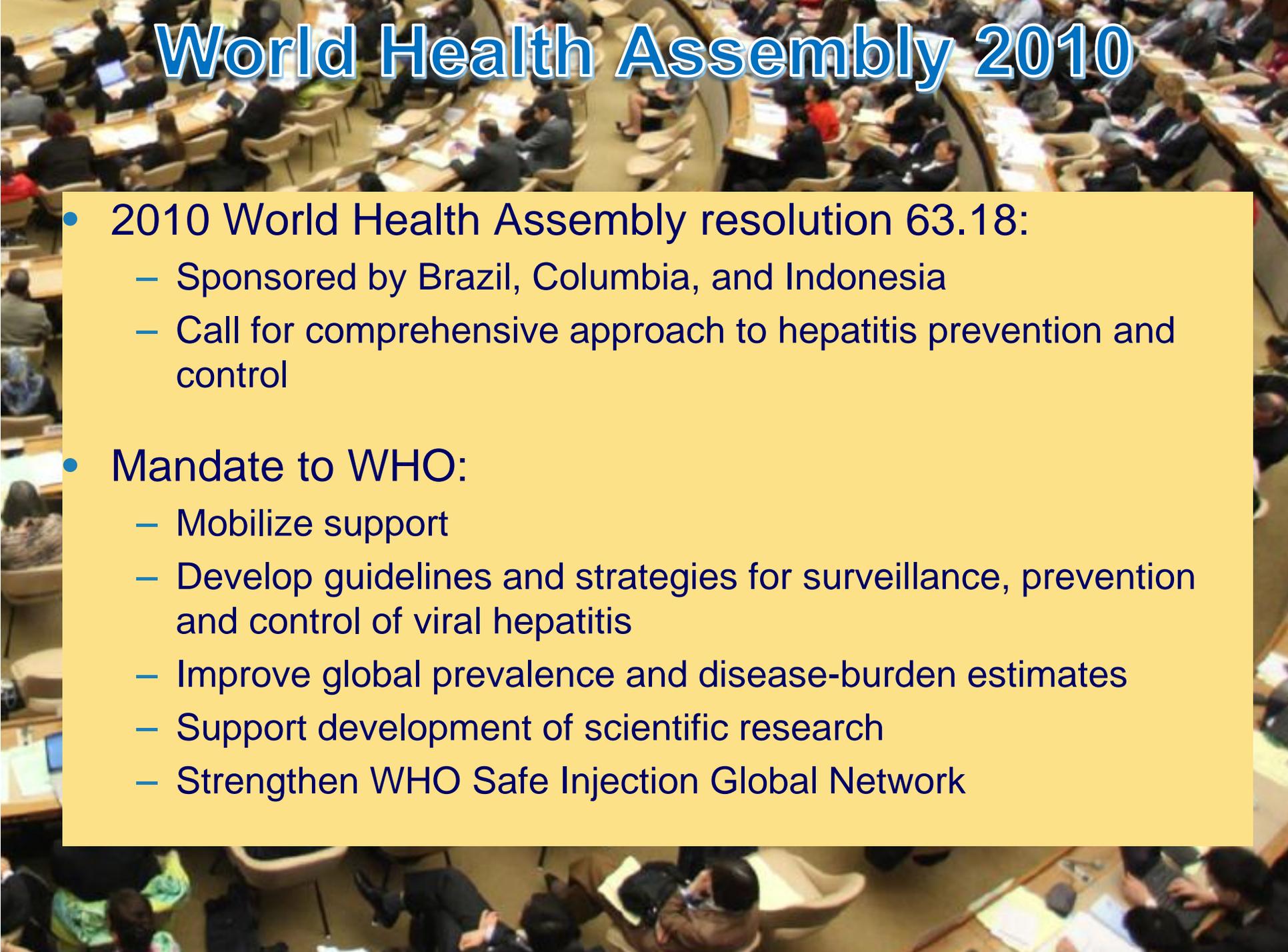


World Health
Organization

Viral hepatitis at WHO: a historical perspective



World Health Assembly 2010



- 2010 World Health Assembly resolution 63.18:
 - Sponsored by Brazil, Columbia, and Indonesia
 - Call for comprehensive approach to hepatitis prevention and control
- Mandate to WHO:
 - Mobilize support
 - Develop guidelines and strategies for surveillance, prevention and control of viral hepatitis
 - Improve global prevalence and disease-burden estimates
 - Support development of scientific research
 - Strengthen WHO Safe Injection Global Network

WHO Viral Hepatitis Programme

- Created December 2011
- Develop Framework for Prevention and Control of Viral Hepatitis Infection:
 - Vision: A world where viral hepatitis transmission is stopped and all have access to safe and effective care and treatment
 - Goals to:
 - reduce the transmission of hepatitis-related viruses
 - reduce the morbidity and mortality due to viral hepatitis and improve the care of patients with viral hepatitis
 - reduce the socio-economic impact of viral hepatitis at individual, community and population levels

WHO-HQ Viral Hepatitis Team



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Prevention & Control of Viral Hepatitis Infection:

Framework for Global Action

Available at:

http://www.who.int/csr/disease/GHP_framework.pdf



Global Hepatitis Framework



Axis 1: Partnerships, resource mobilization and communication

Strategic axis 1. Building partnerships, raising awareness and mobilizing resources



Axis 2: Data for policy and action

Strategic axis 2. Data for policy and action

Axis 3: Prevention of virus transmission



Strategic axis 3. Prevention of transmission



Strategic axis 4. Screening, care and treatment

Axis 4: Screening, care and treatment



Axis 1: Increasing engagement through awareness, partnerships and mobilizing resources

Increasing awareness among policy makers, health professionals, and the public about viral hepatitis

- Support for World Hepatitis Day
- Viral Hepatitis Network: Establish global network of collaborating centres and civil-society associations for viral hepatitis prevention and control
- Mobilize resources
 - WHO
 - Countries with limited resources

World Hepatitis Day

28 July

www.worldhepatitiseday.info

This is hepatitis

Don't let hepatitis tear your life apart. Know it. Confront it.



WOL HEPATITIS DEI 28 JULAE

KATEM
HEPATITIS B LONG 2012

Hemi IMPORTANT blong Stikim pikinini taem hemi born.
Hemi givim Laef proteksen

A close-up photograph of a newborn baby sleeping peacefully. The baby is wearing a light-colored onesie. The background is a soft, warm yellow with some faint floral patterns.The logo for the Ministry of Health (MOH) of Singapore, featuring a green and gold emblem with a figure holding a staff and a snake, with the text "MOH" below it.The logo for the World Health Organization (WHO), featuring a blue and white emblem with a staff and a snake, with the text "WHO" below it.



Axis 2: Evidence-based policy and data for action

Increase collection, analysis of data:

- Publish global prevalence and burden estimates for viral hepatitis
- Develop:
 - Guidelines for hepatitis surveillance in low-income countries
 - Monitoring and evaluation framework
- Conduct country hepatitis burden-of-disease and hepatitis response workshops





Contents lists available at ScienceDirect

Vaccine

journal homepage: www.elsevier.com/locate/vaccine



Hepatitis A virus seroprevalence by age and world region, 1990 and 2005

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The risk of perinatal hepatitis B virus transmission: hepatitis B e antigen (HBeAg) prevalence estimates for all world regions

Jördis J Ott, Gretchen A Stevens and Steven T Wiersma

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Vaccine

journal homepage: www.elsevier.com/locate/vaccine



Global epidemiology of hepatitis B virus infection: New estimates of age-specific HBsAg seroprevalence and endemicity

J.J. Ott^a, G.A. Stevens^a, J. Groeger^b, S.T. Wiersma^{a,*}

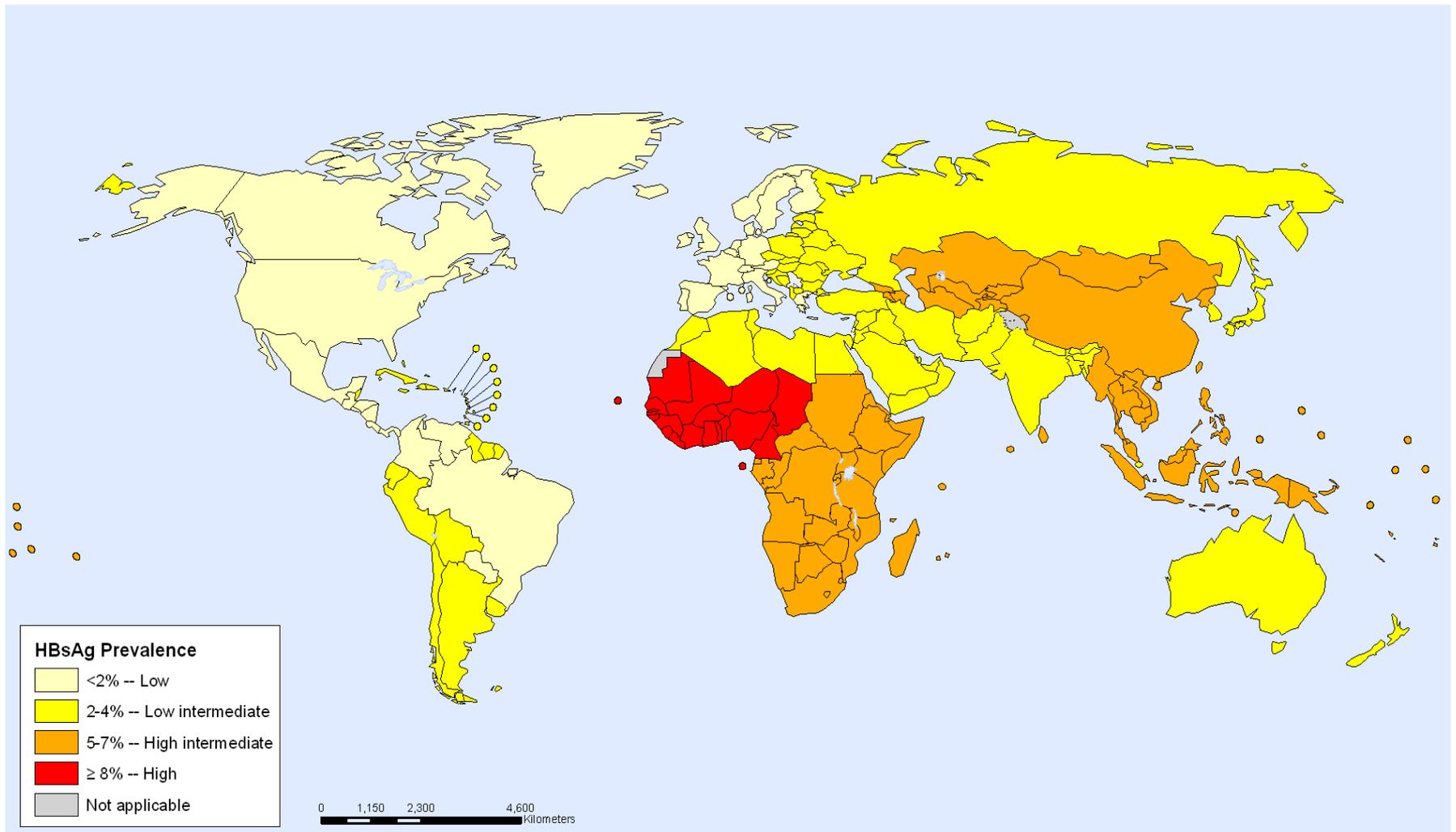
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Global prevalence of chronic hepatitis B virus infection, 2005, adults (19-49 years)



The boundaries and names shown and the designations used on this map 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 lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: refer to data/models described in manuscript
Map Production: Public Health Information and Geographic Information Systems (GIS)
World Health Organization



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Axis 3: Prevention of virus transmission

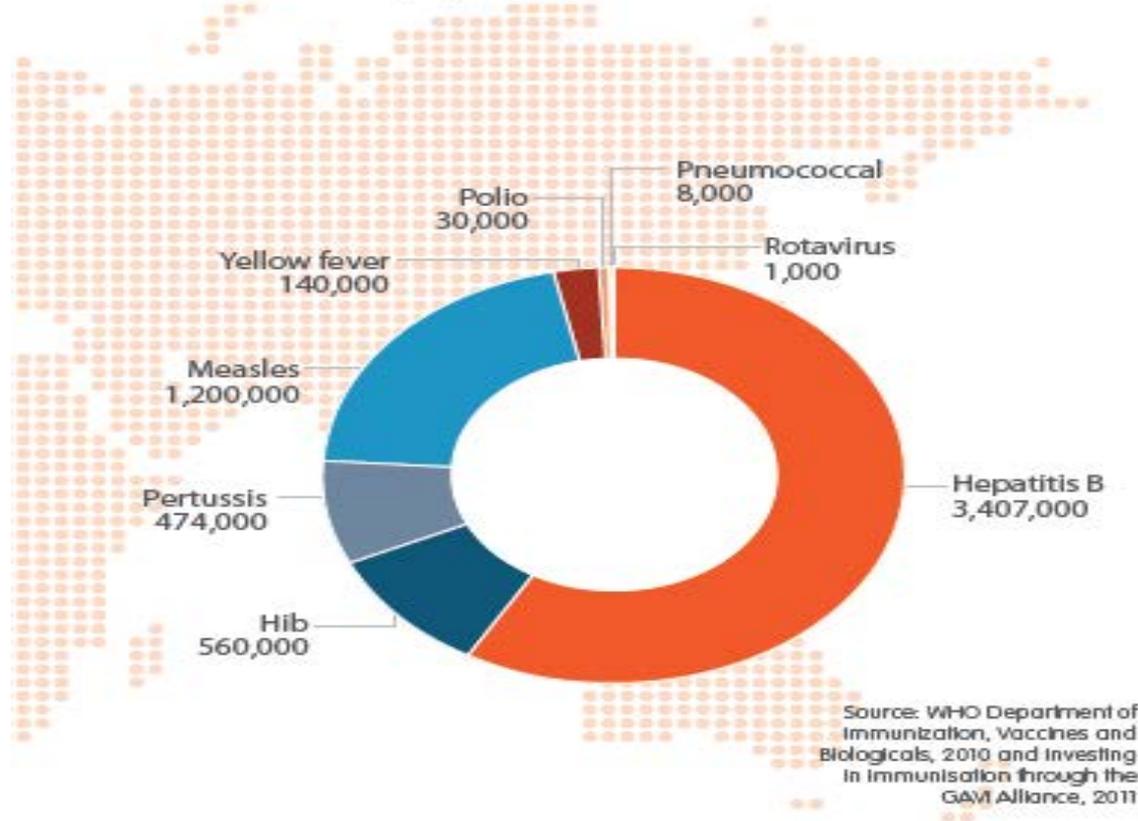
- **Promote expansion of immunization:**
 - Protection of newborns, health-care workers, and high-risk groups against hepatitis B
 - Promote innovative approaches for the future
- **Promote behavioral and structural interventions:**
 - Safer sex
 - Safe and rational use of injections
 - Safe blood transfusion
 - ensuring safe food and water for countries and on proper disposal of sanitary waste



Hepatitis B infant immunization: A well accepted strategy that works!

Figure 1.

Future deaths prevented through continuous investments into routine immunization programmes



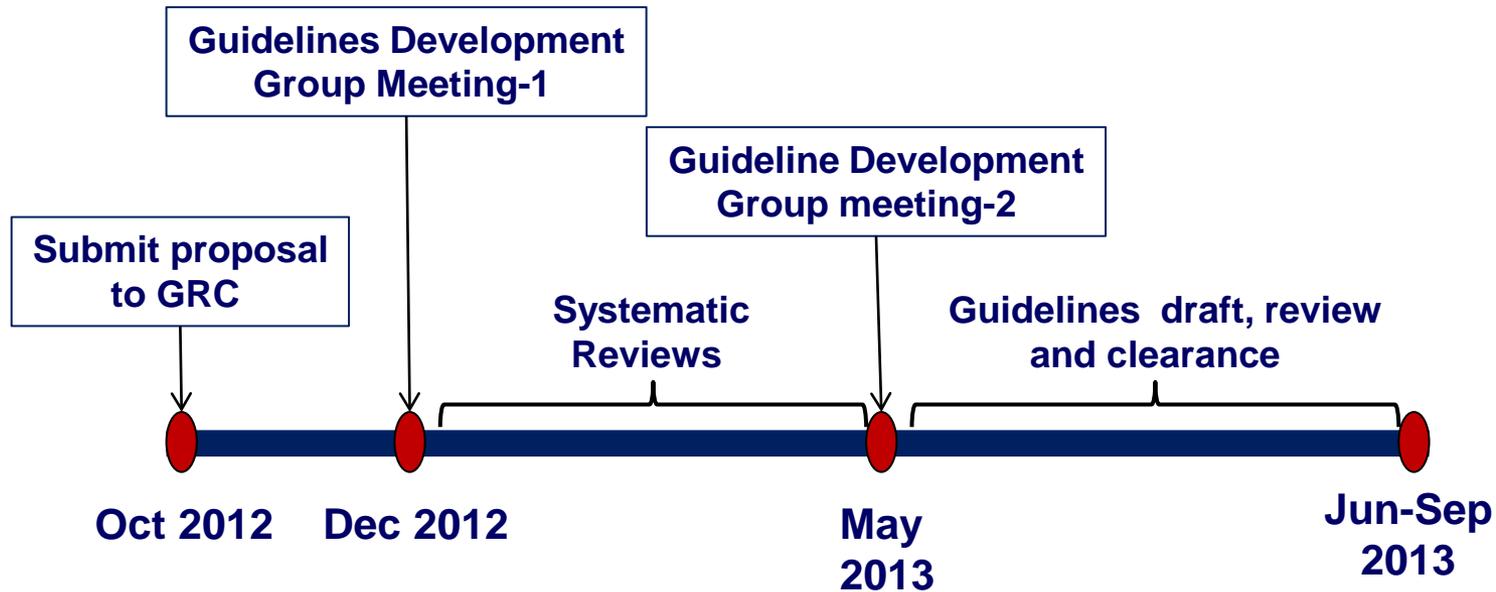
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Axis 4: Screening, care and treatment

- Advocate for better data on burden of disease
- Develop treatment guidelines
- Prequalify diagnostics
- Prequalify therapeutics
- Develop training tools
- Advocate/negotiate for drug and reagent price reductions
- Assist countries in developing national strategies

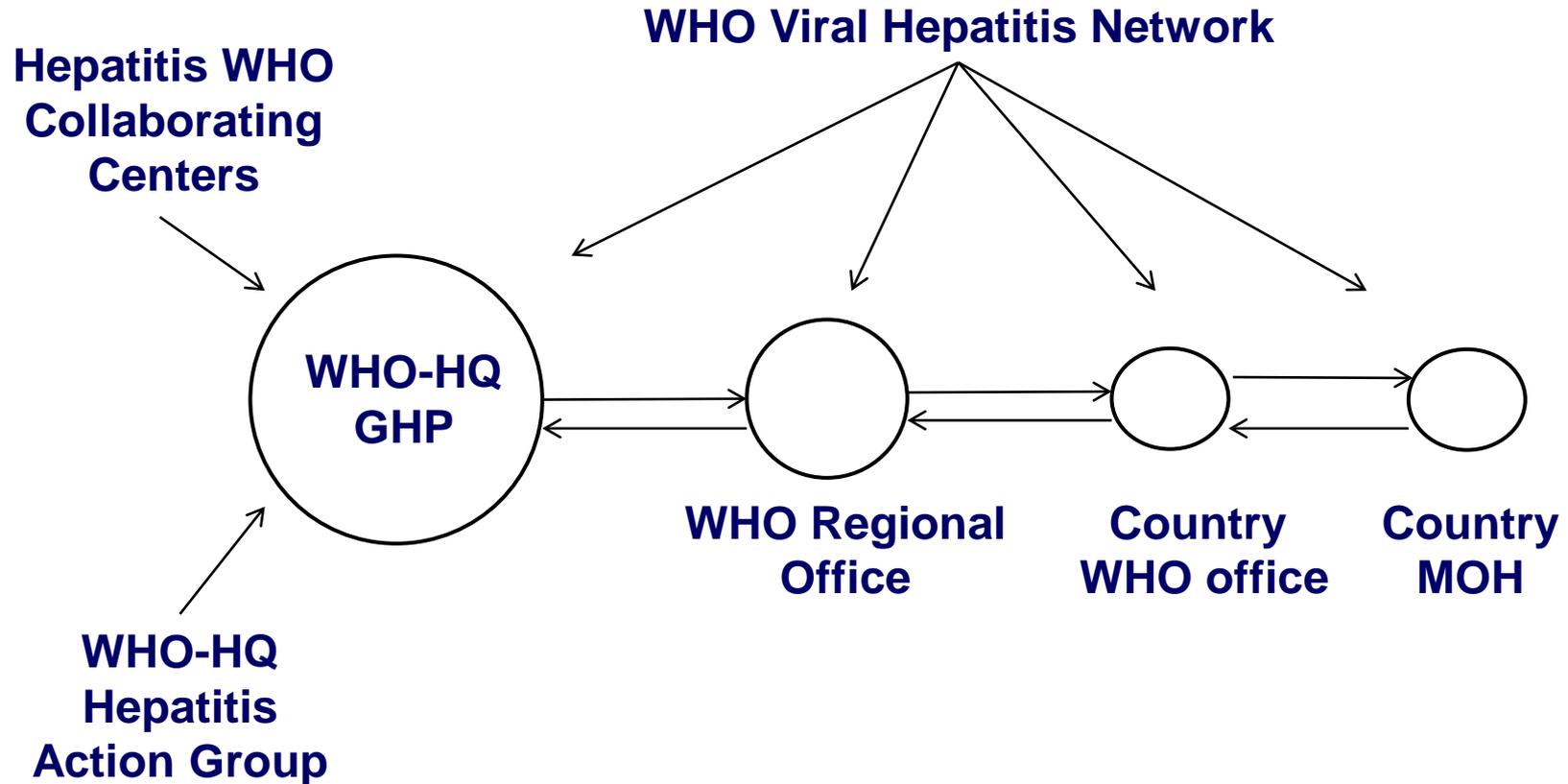
Timeline of development of WHO hepatitis C screening, care, and treatment guidelines



**Hepatitis B
Treatment
Guidelines**



Working together with WHO-Global Hepatitis Programme



Global Hepatitis Network Organizational Meeting Izmir Turkey, October 2012



Conclusions: Challenges and opportunities

- Increasing 'buzz' around hepatitis
- Huge mandate – small team, few resources
- Hepatitis control is cross-cutting
- Fast changing landscape



Strengthening WHO Global Hepatitis Programme

- Staffing needs
 - Surveillance officer
 - Treatment officer
 - External relations/fund raising

- Funding needs
 - Country burden of disease workshops
 - Laboratory work: prequalification of diagnostics
 - Prequalification of biosimilars
 - Development of training tools

Thank you

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