RABIES

ZERO DEATHS BY 2030

A FAO, OIE, WHO Tripartite Priority

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East Africa Rabies Directors Meeting,
8-9 February 2017 Nairobi, Kenya
A Global Framework (Dec 2015)
(Steering group: WHO, FAO, OIE, GARC)

**GLOBAL ELIMINATION OF DOG-MEDIATED HUMAN RABIES**

*GLOBAL CONFERENCE*
10–11 DECEMBER 2015
GENEVA, SWITZERLAND

**Pillar 1. Socio-cultural**
**Pillar 2. Technical**
**Pillar 3. Organizational**
**Pillar 4. Political**
**Pillar 5. Resources**

“0 by 30”
Zero human deaths from canine-mediated rabies by the year 2030
Work plan to complete the puzzle?

- Immunization policies,
- Modelling burden, cost-effectiveness, impact
- Programme data
- National strategies?
- New technologies?
- Shared country experiences?
- Expert knowledge?
- New scientific evidence?
- Support from pilot studies?
- SARE Workshops?

More specific data - close knowledge gaps – add costing - help for decision making - advocacy – funding?
Major global activities to support «0 by 30»

A snapshot on WHO’s work plan for 2017...

A. Update on human rabies immunization policies: SAGE working group on rabies
B. Rabies Programmatic Experiences (in support of GAVI’s decision on a potential investment in rabies vaccine)
C. Business plan (under elaboration):
   • Encompasses the human and animal perspectives for achieving this zero human deaths target by the year 2030
   • Costing of activities and respective donor landscape
D. Rabies module: District Health Information Software 2 (DHIS2 platform)
   • Rabies module under development
   • Linking rabies data between organizations
   • Trainings in DHIS2
Adapt rabies immunization policy to new evidence and feasible practices!

- First SAGE working group on rabies immunization!
- In depth analysis of new evidence from:
  a) Systematic scientific literature review
  b) Information from projects and national/regional programmes
  c) Data supporting a change in practice / underpin established new practice
- Update of the WHO position paper on rabies immunization considering feasible recommendations and cost-effective practices.
Rabies Programmatic Experiences

Gather on countries’ rabies programmatic experiences

- In support of a potential investment of GAVI in rabies vaccines, WHO recommendations on rabies immunization
- In-depth studies in Bhutan, Cambodia, India, Kenya, Vietnam (coordinated by WHO) and Côte d’Ivoire, Mali, Chad (coordinated by STPHI)
- Supported by studies/data from US-CDC, Pasteur Institute Network, GARC, BMGF (Tanzania, Philippines South Africa), individual countries (China, Mongolia, Thailand, ....)
Modelling Work - Serving multiple targets

Business plan zero rabies deaths by 2030
► to estimate needs, resources and socio-economic benefits of a comprehensive plan covering human, animal and the awareness aspects to reach 0 rabies deaths by 2030

SAGE working Group on rabies
► to improve programmatic feasibility and clinical practice in rabies endemic countries

Programmatic aspects, extrapolation
► to forecast vaccine +RIG needs
► operational scenarios for countries
► to quantify the potential impact of expanding access to human rabies vaccination (operational difficulties and uncertainty around demand, supply and impact)
Main objectives

- Review feasible approaches for prevention, control and elimination
- Review progress on implementation and needs in view of global framework ‘Zero by 30’
- Review innovations and new technologies
- Channel expert input into SAGE working group on rabies
District Health Information Software 2
A way to strengthen data quality and use

DHIS2 [https://www.dhis2.org](https://www.dhis2.org)

- Flexible, open-source information system developed by University of Oslo
- Facilitate integration of existing disease-specific surveillance activities into a more efficient and sustainable health information system (NTDs, TB, HIV/AIDS, Malaria, ...)
- Enhance informed decision making by district and national planners / diseases programme managers
DIHS2 presence

- DHIS2 implemented in ~50 countries (with high NTD burdens) in Africa and South East Asia
- Trainings ongoing (Kenya, Uganda last week)
- Rabies module under development in collaboration with GARC (PARACON Bulletin)
Thank you!

http://www.who.int/rabies/en/