DOG-MEDIATED RABIES ELIMINATION

AN INTERNATIONAL AND REGIONAL PRIORITY

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Elimination of Rabies
Rabies: a 100% preventable zoonosis

• Every 10 minutes someone dies from Rabies
• Every year, rabies kills nearly 70,000 people, mostly children

• Over 95% of human cases are caused by the bite of a rabies-infected dog.
“One Health” Concept

A global strategy for managing risks at the Animal – Human - Ecosystems interface

Tripartite agreement of 3 Directors General

3 Priorities

**Zoonotic influenzas**

- OFFLU, OIE/FAO expertise network on animal influenza

**Antimicrobial resistance**

- OIE closely participated to the elaboration of the WHO Global Action plan

**Rabies**

- Global control of canine rabies
  - Next WHO-OIE Global conference in Dec. 2015
What is the OIE?

• An intergovernmental organisation created in 1924 to prevent the spread of animal diseases throughout the world

• **180** Member Countries

• **301** Centres of international expertise

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**1924**

Creation of the Office International des Epizooties (OIE)

**1945**

Creation of the United Nations

**2003**

New Name: World Organisation for Animal Health (OIE)
Intergovernmental standards

OIE STANDARDS ON RABIES
Terrestrial Code and Manuel

OIE Standards improve animal health and welfare and veterinary public health
Control rabies in dogs
- Notifiable in country
- Effective surveillance

Recommendation for importation
- Certification

Stray dog population control
- Management stray dogs

Infection with rabies virus
Chapter 2.1.13. Rabies

Quality standards:

- Diagnostic techniques
  - Sampling and shipment
  - Test for the identification of the agent
  - Serological test

- Requirements for vaccines
  - Minimum standard scientific-based requirements
  - Supplemented by national and regional requirements
  - Parenteral vaccination (domestic)
  - Oral vaccines (wildlife)
How can these goals be achieved?
Intergovernmental regulations and standards

Collaboration between WHO and the OIE to provide countries with facilitating tools to build synergies and create bridges

OIE
Intergovernmental science based standards

WHO
International Health Regulation

PVS tool
Development of national capacities for early detection and rapid response

Animal health systems

Human health systems
The four pillars of the OIE

Improving animal health and welfare worldwide

- **Standards** of international trade of animals and animal products
- **Transparency** of the world animal disease situation
- **Expertise** Collection and dissemination of veterinary scientific information
- **Solidarity** between countries to strengthen capacities worldwide

under the mandate given by the WTO

including zoonoses

animal disease prevention and control methods

Capacity building tools and programmes
OIE Activities on Rabies

- Disease reporting through WAHIS and WAHIS Wild
- OIE Reference Centre Network
- Efforts to strengthen capacities at national level
Elimination of Rabies is feasible

Dog vaccination is the most cost-effective single intervention to protect humans from contracting dog-mediated rabies
Rabies: a 100% preventable zoonosis

optimized supply & coordination = expedited achievement of ZERO deaths
International Players

- Tripartite FAO/OIE/WHO
- Global Alliance for Rabies Control
- Partners for Rabies Prevention
- Research, scientific support:
  - Tripartite Reference Centres
- Intersectoral collaboration

Rabies Tripartite priority to apply the One Health Approach
Rationale for investment

Key rationale and case scenarios for investing in the global elimination of dog-mediated rabies

1. Rabies is a major public health problem that disproportionately burdens poor rural communities

2. Rabies is preventable yet continues to kill

3. Dog-mediated human rabies can be eliminated by vaccinating dogs

4. Rabies elimination is feasible

Rationale for investment

Key rationale and case scenarios for investing in the global elimination of dog-mediated rabies

Vaccinating 70% of dog population in endemic regions, we can eliminate Rabies

OIE Regional Vaccine Bank

- OIE World Fund
- Multi donor
- Several procurement options
  - Donation
  - Third party donation (WHO)
  - Direct purchase by country
- International call for tender
- Multi supplier
OIE Rabies Vaccine banks

- Easy access to quality-assured dog vaccines for planned campaigns and outbreak management

- Approximately **15 million rabies doses** delivered to fifteen countries in Asia and Africa
Communication help action

Adhering
to an idea, to an objective

INCREASE AWARENESS

Understand
Authorities’ actions

GENERATE ACTION
Global Conference

Global Elimination of dog-mediated human rabies.

- 10-11 December 2015
  - Geneva (Switzerland)
- Tripartite + GARC
- Around 350 participants

Dog-mediated rabies elimination is feasible
Global Conference
Global Elimination of dog-mediated human rabies.

OBJECTIVES

- Disseminate results of the proof of concept
- Build support and the case for investment
- Promote a One Health inter-sectoral collaboration
- Visionary agenda
Communication help action

Adhering to an idea, to an objective

INCREASE AWARENESS

GENERATE ACTION

Understand Authorities’ actions
OIE Communication Tools

[Images of OIE Communication Tools]

www.oie.int/rabies
Communication Handbook

OIE/WHO Risk Communication collaboration

OIE
Intergovernmental
science based
standards

WHO
International
Health Regulation

Effective Communications
Participant Handbook

Communication Handbook
Veterinary Services
REMESA: OIE-FAO Joint Secretariat

REseau M>Editerranéen de Santé Animale (REMESA)
Mediterranean Animal Health Network

created in 2009

There is rotation to held the co-presidency (2 countries each year).

Greece
Malta
Cyprus
Jordan
Lebanon

new members in 2013

new members in 2014
Among the diseases identified by REMESA, 4 of them got the attention in the Region in the recent past: 4 priority diseases:

- Foot and Mouth Disease
- Peste des Petits Ruminants
- Rift Valley Fever
- Rabies
Rabies in North Africa

- Algeria
- Morocco
- Tunisia

Number of rabid dogs

“Arab Spring”
Questions?
Thank you for your attention!

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