Outline presentation

- Surveillance system
- Integrated system
- Capacity building on surveillance and response
Surveillance and Response System

Surveillance: Case-based surveillance | Event-based surveillance
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Data | Reports
Collect | Capture
Analyse | Filter
Interpret | Verify

Response

Signal

Public health alert

Post-outbreak strengthening

Evaluate

Current Epidemiological Surveillance Systems I

- Diseases Surveillance System: 506 Report (Main)
- HIV/AIDS Surveillance System: 506/1 Report
- Injury Surveillance: IS
- Occupational & Environmental Surveillance System
Current Epidemiological Surveillance Systems II

- Acute Flaccid Paralysis (AFP): since 1997 based on 506 reporting system supplement with strengthening, investigation and 60-days follow-up system
- Adverse Event Following Immunization (AEFI) surveillance, 1997

Current Epidemiological Surveillance Systems III

- Diseases Surveillance in Foreign(migrant) Worker: since 1998 based on 506 reporting system
- Diseases Surveillance in Refugee Camps: monthly reporting
- Specific EID disease surveillance such as Pandemic Influenza, H5N1
Diseases in (Main) Surveillance

- Food & Water-Borne Infectious Diseases (FWBD)
- Vector Borne Diseases (VBD)
- Vaccine Preventable Diseases (VPD)
- Zoonoses
- CNS Infectious Diseases
- Respiratory Infectious Diseases
- HIV/AIDS
- EIDs and other infectious diseases

Initiate and coordinate the network, emergency commander, monitoring and report

Surveillance and Control: structure at province

Medical care & Network: Detect, Report, Treat

SRRT: Investigation Control Warning
“One Health” Emergency Response Team

Wildlife Experts

FETP (MD/DVM) Advanced level

SRRT (Public Health/Animal Health/Environmental Health/Laboratory) Intermediate level

Public Health Volunteers/Animal Health Volunteers/Wildlife Park Rangers/Zoo Keepers Basic level

“One Health” Concept

Signing MOU for Human - Animal Health Collaboration on FETP-V

- Curriculum and training material development
- Application and recruitment
- Building capacity for trainers and mentors
- International experience

Concept: collaborative and sharing
FETP for Veterinarians (FETP-V)

Integrated Surveillance for Emerging Zoonotic Diseases in Humans and Wildlife Animals

Zoo and wildlife breeding center

FETP-Wildlife

Wildlife veterinarians and zoo keepers
Joint investigation and response to chikungunya outbreak, Thailand 2009

Case interview

Preparation step

Environmental survey

Suspect source in dogs

Challenge

- Local administrative authorization to participate on detection and control
- Capacity building for SRRT at the stakeholder ministry and local administration
Health care reform

Certified District

Epid data
Planning
Funding
Monitor
Participation

Politics
Econom

En & Oc
NCD
CD including EID

Thank You For Your Attention