



Project: Technical assistance to improve implementation of food safety standards and disease crisis preparedness

## **Training course: Early notification - elements and practice**

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# Content



- Elements of the early detection
- Empowerment
- Laboratory capacity
- Obligation of stakeholders
- Notification
- Available tools
- Investigation
- Communication vertical and horizontal

# What is early warning system?



- means a system for the timely detection, reporting and communication of occurrence, incursion or emergence of diseases, infections or infestations in a country, zone or compartment.



*“It’s an early warning system , it picks up my wife”*



EU FOOD SAFETY  
AB GIDA GÜVENLİĞİ

# What is listed, emerging and notifiable disease?



- **Emerging disease** - means a **new occurrence** in an animal of a disease, infection or infestation, **causing a significant impact** on animal or public health **resulting from**:
  - a **change of a known pathogenic** agent or its spread to a new geographic area or species; or
  - a **previously unrecognized pathogenic** agent or disease diagnosed for the first time.
- **Notifiable disease** - means a disease **listed by** the Veterinary Authority, and that, as **soon as detected or suspected, should be brought** to the attention of this Authority, in accordance with national regulations.
- **listed disease** - means a disease, infection or infestation listed in Chapter 1.3. after adoption by the World Assembly of OIE Delegates or disease listed in AHL

# Elements of the early warning systems



- timely detection, reporting and communication of occurrence, incursion or emergence of diseases
- integral component of emergency preparedness
- It includes:
  - appropriate access to, and authority over, the target animal populations by the Veterinary Services
  - access to laboratories capable of diagnosing and differentiating relevant infections or infestations
  - training and awareness programmes for veterinarians,
  - a legal obligation by veterinarians and other relevant stakeholders to report suspected cases or cases of notifiable diseases or emerging diseases
  - epidemiological investigations of suspected cases and cases
  - effective systems of communication
  - a national chain of command

# Empowerment



- *appropriate access to, and authority over, the target animal populations by the Veterinary Services*
- Legal power
  - To enter the establishments and operators
  - To collect samples
  - To check documentation
  - To kill the animals
- Available staff
  - Officials
  - By contract
- Documented procedures in place
- Uniform approach
- Collection of data
- Available funds and reimbursement

# Access to laboratory capacity



- access to laboratories capable of diagnosing and differentiating relevant infections or infestations
- National reference laboratory
- EU or OIE reference laboratory
- Veterinary laboratories
- Accredited method
- Case definition

# Training and awareness programmes



- training and awareness programmes for veterinarians
- Training of
  - Officials
  - By contract
- Training of farmers
- Training of other stakeholders
  - Regular training
  - Sim-ex
  - Workshops
  - Panels
- Training/Information of the hunters
- Information of the general public
- Media
  - Posters,
  - leaflets,
  - Broshures
  - Radio
  - TV
  - Internet (web page, FB, ...)
- **Verification of the awareness campaigns**



# Obligation to report disease



- *a legal obligation by veterinarians and other relevant stakeholders to report suspected cases or cases of notifiable diseases or emerging diseases*
- Legal framework
- OIE and EU Notification

Owner, other person responsible for animals, other entities engaged or in contact with animals (laboratories, slaughterhouse, PVP, etc.)

Official veterinary specialist

Veterinary department

# Obligation of the stakeholders for reporting



- *epidemiological investigations of suspected cases and cases*
- Epidemiological investigation of suspected holding
- Uniform approach
- Establishing hypothesis
- Identification of the contact holdings
- Investigation of the contact holdings

# Communication



- Effective systems of communication
- Transparency
- Vertical and horizontal
- Quality of communication
- Identification of the relevant partners
- Situation in the country
- Situation in the region
- Risk communication
- Reporting and feed back
- Trade partners



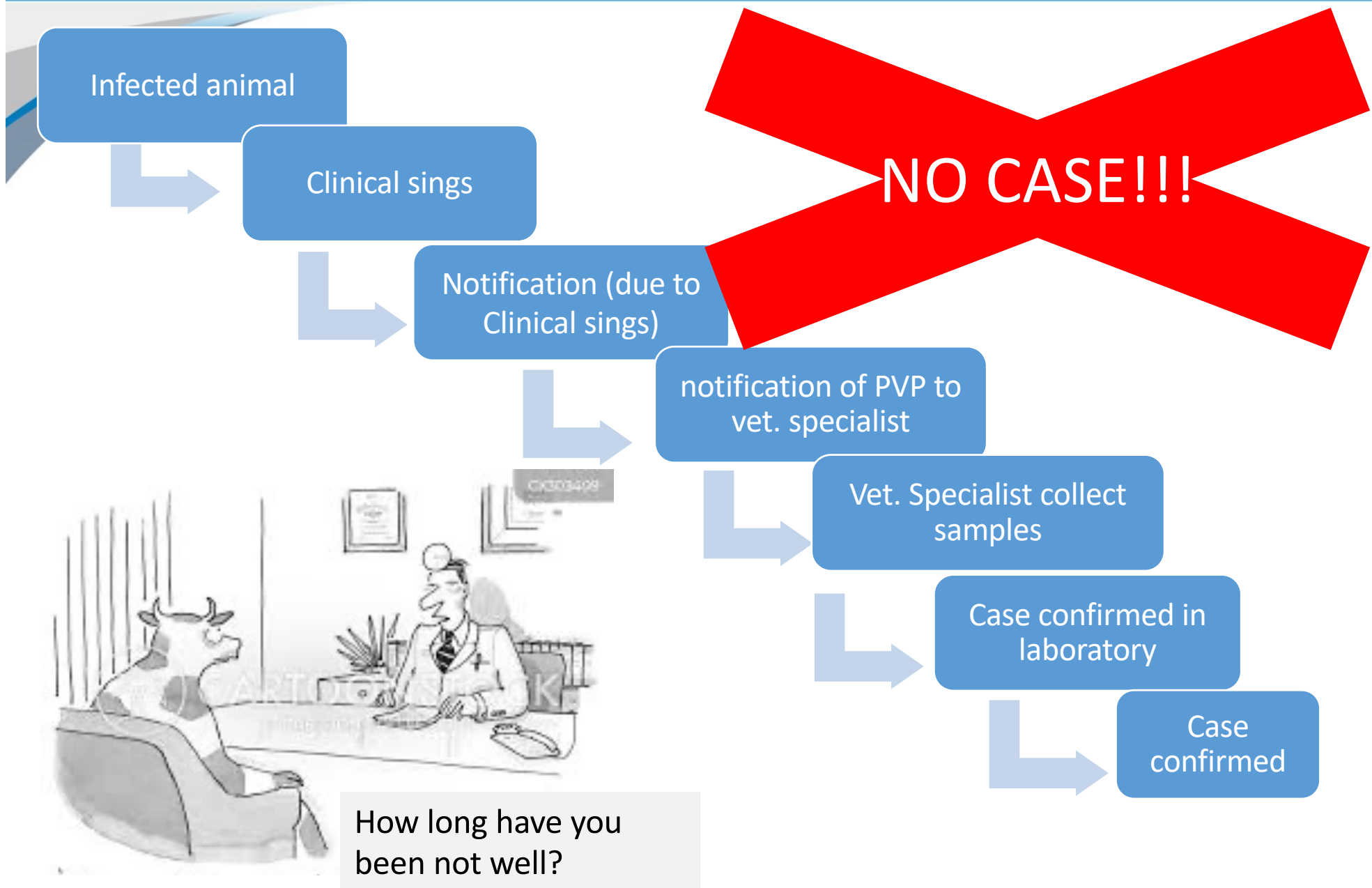
# Chain of command



- *A national chain of command*
- Identification of the stakeholders
- Identification of the roles and responsibilities of the stakeholders
- Establishing procedures and means of communications
- Verification



# How it works? – actually!!!



# How can we improve?



- Identification of the priority disease
- Risk assessment
- Raising awareness of disease which are imminent treat to the animals
- Improving communication and quality of information
- Regular farm visits
- Implementing ordered animal health measures
- Improving laboratory capacity
- Proper compensation schemes
- Training



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# THANK YOU FOR YOUR ATTENTION



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