Capacity building - OIE approach -

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OIE global Conference on the Responsible and Prudent use of Antimicrobial Agents for Animals
Paris, 13 – 15 March 2013
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Introduction

- Full recognition by OIE of the global importance of Veterinary products* for animal health, animal production \(\rightarrow\) food safety and food security

- However, in some countries, poor legislation, registration and distribution practices lead to poor quality or counterfeit products, posing a threat to animal and public health

- Global market of Veterinary Products is increasing, with food animals taking 60% of the share

* Veterinary products= veterinary drugs, biological and diagnostic tests
Veterinary Products (VP) are mentioned in the 5th Strategic Plan of OIE:

- **Strengthen collaboration with International Organisations on legislation, registration, control and monitoring of use of VPs**
- **Strengthen training efforts for national **Focal Points** to organise, manage and implement legislation pertaining to registration, quality control and final use of VPs**
- **Strengthen the collaboration with VICH**

Guidance was also taken from the two Regional Conferences on Veterinary products¹, held in 2008 and 2009 in Middle East and Africa, respectively

“Towards harmonisation and improvement of registration, distribution and quality control”
The General Assembly of OIE has established a system of national Focal Points (FP), who are under the authority of the Delegate, in eight areas of OIE’s work:

- Animal disease notification
- Animal production food safety
- Animal welfare
- Aquatic animal diseases
- **Veterinary products**
- Wildlife diseases
- Laboratories
- Communication

FPs are the **link** between OIE and country, should establish a **network** with the relevant authorities and enhance communication to experts, the Delegate and stakeholders, all on their respective specific topic.
Focal points for Veterinary Products

Tasks for the FP:
- Establish a network of experts or communicate with existing networks
- Dialogue with relevant competent authority/ies
- Monitor legislation and control of VP and compare with existing international standards
- Conduct consultation process with recognised experts on draft texts of standards/GLs and recommendations
- Assist the Delegate to comment on OIE draft standards and GLs (see questionnaire on AMR!!)

Receives from OIE:
- Information from VICH*
- Reports from BSC pertaining to VPs
- TRAINING

* International Cooperation on Harmonisation of Technical Requirements for Registration of Veterinary Medicinal Products
The “FP Veterinary Products” training concept

- **Timeline:**
  - 1\(^{st}\) cycle 2010
  - 2\(^{nd}\) cycle 2011/12
  - 3\(^{rd}\) cycle 2013/14

- **Objective overall:**
  - provide good VP governance concepts
  - understanding of OIE
  - Enable FPs to comment on relevant OIE standards and Guidelines
  - address global and regional issues
Specific objectives

- **1st cycle:**
  - Improve understanding of OIE mandate and activities; specifically of Delegates and FPs
  - Overview of existing structures relevant for VPs
  - Modalities of production and use of VPs

- **2nd cycle:**
  - OIE strategy on VPs: update national legislation; collaboration with international organisations; communication & training
  - VICH, its role and importance
  - Registration and use of VPs, Pharmacovigilance, counterfeits
  - Prudent and responsible use of antimicrobial agents
  - Residues and antimicrobial resistance (AMR)

- **3rd cycle:** (in preparation)
  - AMR – follow up of this Conference
  - Other relevant topics
Implementation modalities:

By region

1\textsuperscript{st} cycle:
- Africa
- Asia & Pacific
- Americas
- Europe
- North Africa & Middle East

2\textsuperscript{nd} cycle:
- Anglophone Africa  (2012)
- Francophone Africa  (2011)
- North Africa & Middle East
- Asia & Pacific
- Americas
- Europe

3\textsuperscript{rd} cycle:
- North Africa & Middle East
- Sub-Saharan Africa
Implementation modalities (contd):

- **Expertise** from Collaborating Centres (CCs)
  - Agence Nationale du Médicament Vétérinaire (ANMV) of ANSES, France
  - Centre of Veterinary Medicine of FDA, USA
  - Centre for Veterinary Biologics, USDA APHIS, USA
  - National Veterinary Assay laboratory & National Institute of Animal Health, Tokyo, Japan

- **Coordination** amongst these three Centres to input expertise according to regional needs and language

- **Collaboration with international organisations**: invitation of WHO, FAO, IFAH

- **OIE input** through presentations by staff from Headquarter, Regional and sub-Regional offices
After 1\textsuperscript{st} \textbf{cycle} (recall objectives!) feedback was used to develop 2\textsuperscript{nd} \textbf{cycle}

- Better integration of all CCs and key partners (VICH, IFAH, FAO, WHO)
- Interactive Workshops on
  - VICH GLs,
  - Residue monitoring Plan
  - \textbf{AMR monitoring system}
Workshop on the establishment of antimicrobial resistance monitoring and quantities of antimicrobials used in animals:

<table>
<thead>
<tr>
<th>Is there a monitoring of the quantities of antimicrobials used in animals?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes / No</td>
</tr>
<tr>
<td>If Yes:</td>
</tr>
<tr>
<td>permanent</td>
</tr>
<tr>
<td>Punctual</td>
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<tr>
<td>Isolated studies?</td>
</tr>
<tr>
<td>Description</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Is there a plan to monitor antimicrobial resistance?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes / No</td>
</tr>
<tr>
<td>If Yes:</td>
</tr>
<tr>
<td>• permanent</td>
</tr>
<tr>
<td>• punctual</td>
</tr>
<tr>
<td>• Isolated studies?</td>
</tr>
<tr>
<td>Monitoring of AMR in:</td>
</tr>
<tr>
<td>• In live animals</td>
</tr>
<tr>
<td>• At the abattoir</td>
</tr>
<tr>
<td>• In food from animal origin</td>
</tr>
<tr>
<td>Monitoring of:</td>
</tr>
<tr>
<td>• Commensals</td>
</tr>
<tr>
<td>• Zoonotic bacteria</td>
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<tr>
<td>• Indicator bacteria</td>
</tr>
</tbody>
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Example of WS during 2\textsuperscript{nd} cycle training

In the discussion we highlight the need for harmonisation of methods!
After 1\textsuperscript{st} cycle (recall objectives!) feedback was used to develop 2\textsuperscript{nd} cycle

- OIE Code Chapters, revised or in the process of updating, were addressed, namely:
  - Chapter 6.6. Introduction to the recommendations for controlling antimicrobial resistance
  - Chapter 6.7. Harmonisation of national antimicrobial resistance surveillance and monitoring programmes
  - Chapter 6.8. Monitoring of the quantities and usage patterns of antimicrobial agents used in food producing animals
  - Chapter 6.9. Responsible and prudent use of antimicrobial agents in veterinary medicine
  - Chapter 6.10. Risk assessment for antimicrobial resistance arising from the use of antimicrobials in animals

hence 2\textsuperscript{nd} cycle was of high relevance to this Conference!
### Summary of participation in OIE FP VP trainings

<table>
<thead>
<tr>
<th>Region</th>
<th>1st Cycle</th>
<th>2nd Cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Region</strong></td>
<td><strong>Country</strong></td>
<td><strong>Total</strong></td>
</tr>
<tr>
<td>Africa</td>
<td>50</td>
<td>+6</td>
</tr>
<tr>
<td>Asia &amp; Pacific</td>
<td>31</td>
<td>+5</td>
</tr>
<tr>
<td>Middle East</td>
<td>27</td>
<td>+4</td>
</tr>
<tr>
<td>Europe</td>
<td>19</td>
<td>+15</td>
</tr>
<tr>
<td>Americas</td>
<td>32</td>
<td>21</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>298</strong></td>
<td><strong>54</strong></td>
</tr>
</tbody>
</table>

**Notes:**
- **1st Cycle**
  - Africa: 50 region, +6 country, 35 total
  - Asia & Pacific: 31 region, +5 country, 25 total
  - Middle East: 27 region, +4 country, 17 total
  - Europe: 19 region, +15 country, 19 total
  - Americas: 32 region, 21 country, 5 total
- **2nd Cycle**
  - Anglophone Africa: 25 region, 25 total
  - Francophone Africa: 21 region, 20 total
  - North Africa & Middle East: 15 region, +9 country, 12 total
  - Asia & Pacific: 32 region, +10 country, 29 total
  - Americas: 21 region, 5 country, 21 total
  - Europe: 25 region, 23 total
- **Total:** 298 region, 54 country
### Expertise contributed

<table>
<thead>
<tr>
<th>Collaborating Centres</th>
<th>Regional Expertise</th>
<th>International Expertise</th>
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<tbody>
<tr>
<td>FDA/USDA</td>
<td>NVAL/NIAH</td>
<td>ANML/ANSES</td>
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#### 1st cycle

**Africa**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: EISMV, IBAR, Panvac, UP
- International Expertise: IAEA, Galvmed, EMA, IFAH

**Asia & Pacific**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: Vietnam, Mongolia, Singapur
- International Expertise: EMA, IFAH

**Middle East**

**Europe**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: WHO
- International Expertise: DG Sanco

**Americas**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: WHO
- International Expertise: WHO

#### 2nd cycle

**Anglophone Africa**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: EAC, Kenya, Zimbabwe, South Africa
- International Expertise: WHO, VICH/IFAH, WHO

**Francophone Africa**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: UEMOA
- International Expertise: WHO, VICH/IFAH

**North Africa & Middle East**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: Maroc
- International Expertise: WHO, VICH/IFAH

**Asia & Pacific**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: ASEAN, Thailand, AAHA/IFAH
- International Expertise: WHO

**Americas**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: OIRSA, Camevet, Nicaragua
- International Expertise: WHO

**Europe**
- FDA/USDA: yes
- NVAL/NIAH: yes
- ANML/ANSES: yes
- Regional Expertise: EMA, Serbia, Austria, FVE
- International Expertise: WHO
Feedback from participants

- Appreciate continuity of training programme and evolution of content
- Use training event to network and build intra-regional contacts
- Have a better understanding of OIE and FP’s possibilities to give input (questionnaire!)
- Facilitates FP’s participation in other OIE activities (e.g. this Conference, VICH Outreach Forum, intra-regional meetings)
Issues related to AMR were emphasized throughout the 2\textsuperscript{nd} cycle, means 298 (+54) persons in 135 countries have been sensitized.

Provided detailed information on OIE Terrestrial and \textbf{Aquatic Code Chapters} relevant to AMR

Encouraged participants to build national residue and \textbf{AMR monitoring plans}

Sensitization to critically review national legislation regarding registration and use of VP
Conclusions

- OIE has established a functioning network of Focal points for Veterinary Products
- Training should be continuous to deepen knowledge and interaction between OIE and Focal points
- “cycle” approach was appreciated as it offers continuity, repetition of the basic principles, combined with new, specific aspects
- AMR and prudent use of antimicrobials will be a key topic for the 3rd training cycle
- Collaboration with FAO and WHO will be strengthened
Where to find relevant information?

Thank you for your attention
Organisation Mondiale de la Santé Animale

World Organisation for Animal Health

Organización Mundial de Sanidad Animal

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