Veterinary practices, control, animal health and food security - the weak points and perspectives

YOUNG TRAIN SESSION
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CONTENT

• CAP
• One health & Veterinary Public Health concept
• Vet perception of the future
• Croatian case
• Conclusion
CAP

STRESSED AS VERY IMPORTANT
• food security
• animal welfare
• environmental protection
• ...

• OUTBREAKS of zoonozes (bird influenca, west Nile, ...)
• answer - concept of ONE HEALTH & VETERINARY PUBLIC HEALTH
One world – One medicine – One health

• collaboration between:
  – physicians, osteopaths, veterinarians, dentists, nurses and other scientific-health and environmentally related disciplines

• fields:
  – education
  – communication
  – disease surveillance
  – …

VETERINARY PUBLIC HEALTH CONCEPT
(Teramo, 1999)

• Core domains:
  - diagnosis, surveillance, epidemiology, control, prevention and elimination of zoonoses;
  - food protection;
  - management of health aspects of laboratory animal facilities and diagnostic laboratories;
  - biomedical research;
  - health education and extension;
  - production and control of biological products and medical devices.

• Other domains:
  - management of domestic and wild animal populations,
  - protection of drinking-water and the environment, and
  - management of public health emergencies
VETERINARY PROFESSION

• regulated profession!
• but differently organized from country to country
• crisis in animal production = crisis in large animal vet sector
• growing sectors:
  – companion animals
  – food security
VET PERCEPTION OF THE FUTURE

• EU project VET 2020
• 20 European countries, vet practitioners, vet employers, consumer organizations
  - increase in nr. of vets employed
  - growing fields: food quality & safety, public health, exotic animals, environmental protection, alternative medicine, animal welfare, pet/companion animal, epidemiology, organic farming, R&D
According to your estimate, what will be the change in the number of employed veterinarians in 2020 in your country in the following fields?

**Employers Survey - Question 2**

<table>
<thead>
<tr>
<th>EU Countries</th>
<th>Associated Countries</th>
<th>Total</th>
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<tbody>
<tr>
<td>Food quality and safety</td>
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<td>Pet/Companion Animals</td>
<td>Environmental protection</td>
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<td>Alternative Medicine</td>
<td>Animal Welfare</td>
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<td>Alternative Medicine</td>
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<td>Organic Farming</td>
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<td>Acquaculture/Fish farming</td>
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<td>Experimentation on animals</td>
<td>Study and development</td>
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<td>Sport Animal</td>
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<td>Herd Health</td>
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</tbody>
</table>

source: VET 2020
CROATIAN CASE

• animal production crisis = vet sector crisis

nr. of milk producers

nr. of vets employed
VETERINARY PROFESSION

• “from stable to table”
  – before: complete control of all points in vet’s hands
  – now: few professions in the chain
  – problem: no complete control

• education
  – more than 80% students want companion animal
  – more than 70% female students
CROATIAN CASE (survey)

• growing vet fields:
  – food q&as, exotic animals, environment protection, public health, aquaculture, alternative medicine

• biggest problems:
  – administration, animal welfare

• prospects for vet’s in EU
VETERINARY PROFESSION - HR

• “from stable to table”
  - before: complete control of all critical points in vet’s hands
  - now: few professions in the chain in different points
  - problem: larger risk of no control

• education
  - more than 80% of students for companion animals
  - more than 70% female students (comp. animals)
CONCLUSION

• regulated profession – in some countries more work to be done
• One health & Veterinary Public Health concept
• future - food quality & safety, companion animals - what about farm animals?

• where future lies?
THANK’S

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