Aquatic Animal Health Code:
2016 Antimicrobial use in aquatic animals
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OIE introduction
History

1924
Creation: Office International des Epizooties (OIE)

1945
Creation of the United Nations

2003
New Name: World Organisation for Animal Health (OIE)

1 Headquarters in Paris (France)
5 Regional Representations
7 Sub-Regional Representations & Sub-Regional Offices

World Organisation for Animal Health · Protecting animals, Preserving our future
180 Member Countries in 2016

For each Member Country:
- 1 National Delegate to the OIE (usually the CVO)
OIE mandate
Improving animal health and welfare worldwide

STANDARDS
for 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 International Standards in Aquatic Animals
The OIE mandate has included aquatic animals for over 60 years. Standards are adopted by consensus by the World Assembly of Delegates.
Ensure sanitary safety of international trade in aquatic animals and their products

Improve aquatic animal health worldwide

Based on the most recent scientific and technical information

and adoption procedures are transparent, responsive and

Code and Manuals available online:
http://www.oie.int
Purpose of the OIE Aquatic Code

Provide standards to be used by Veterinary or Competent Authority:

- to determine measures providing for early detection, reporting, notification and control of aquatic animal diseases;
- to determine measures to ensure safe international trade of aquatic animals and their products, while avoiding unjustified sanitary barriers to trade;
- for the establishment, maintenance and evaluation of Aquatic Animal Health Services.
Section 6. Antimicrobial use in aquatic animals

- Chapter 6.1. Introduction to the recommendation for controlling antimicrobial resistance

- Chapter 6.2. Principles for responsible and prudent use of antimicrobial agents in aquatic animals

- Chapter 6.3. Monitoring of the quantities and usage patterns of antimicrobial agents used in aquatic animals

- Chapter 6.4. Development and harmonisation of national antimicrobial resistance surveillance and monitoring programmes for aquatic animals

- Chapter 6.5. Risk analysis for antimicrobial resistance arising from the use of antimicrobial agents in aquatic animals

http://www.oie.int/international-standard-setting/aquatic-code/access-online/
Chapter 6.2 Principles for responsible and prudent use of antimicrobial agents in aquatic animals

Purpose

- These principles provide guidance for the responsible and prudent use of antimicrobial agents in aquatic animals, with the aim of protecting both animal and human health.
- The Competent Authorities responsible for the registration and marketing authorisation of products and the control of all organisations involved in the production, distribution and use of antimicrobial agents have specific obligations.

http://www.oie.int/international-standard-setting/aquatic-code/access-online/
Chapter 6.2 Principles for responsible and prudent use of antimicrobial agents in aquatic animals

Chapter outlines responsibilities of:

- Competent Authorities
- Veterinary pharmaceutical industry
- Wholesale and retail distributors
- Veterinarians and other aquatic animal professionals
- Aquatic animal producers

http://www.oie.int/international-standard-setting/aquatic-code/access-online/
Chapter 6.3 Monitoring of the quantities and usage patterns of antimicrobial agents used in aquatic animals

Purpose

• To describe approaches to the monitoring of quantities of antimicrobial agents used in aquatic animals, including species reared for food and ornamental purposes.

• For the use in the collection of objective and quantitative information to evaluate usage patterns in order to evaluate exposure of microorganisms to antimicrobial agents.

• In countries where the collection of data may be constrained, this chapter may therefore be seen as indicating the direction in which countries should develop with regard to collecting data and information on the use of antimicrobial agents in aquatic animals.

http://www.oie.int/international-standard-setting/aquatic-code/access-online/
Other OIE standards and guidelines related to antimicrobial resistance (AMR)
Standards related to antimicrobial resistance

OIE Terrestrial Animal Health Code

Section 6. Veterinary Public Health

- 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 antimicrobials agents used in food producing animals
- Chapter 6.9. Responsible and prudent use of antimicrobial agents in veterinary medicines
- Chapter 6.10. Risk analysis for antimicrobial resistance arising from the use of antimicrobial agents in animals

http://www.oie.int/international-standard-setting/terrestrial-code/access-online/
Standards related to antimicrobial resistance

Manual of Diagnostic Test and Vaccines for Terrestrial Animals

Part 3. Specific Recommendations

- Chapter 3.1
  Laboratory methodologies for bacterial antimicrobial susceptibility testing

http://www.oie.int/international-standard-setting/aquatic-code/access-online-line
Adopted in the 75th General Session in May 2007, but further updated and adopted in May 2013 and May 2015 by the World Assembly of OIE Delegates.

**OIE List of Antimicrobial Agents of Veterinary Importance**

- **VCIA**: Veterinary Critically Important Antimicrobial Agents
  - Both Criteria 1 and Criteria 2

- **VHIA**: Veterinary Highly Important Antimicrobial Agents
  - Criteria 1 or Criteria 2

- **VIA**: Veterinary Important Antimicrobial Agents
  - Neither Criteria 1 or 2

[Link to OIE List of Antimicrobial Agents](http://www.oie.int/fileadmin/Home/eng/Our_scientific_expertise/docs/pdf/Eng_OIE_List_antimicrobials_May2015.pdf)
Thank you for your attention