

**The Office International des
Epizooties and the Proposed Delisting
of
Bacterial Kidney Disease**

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Office International des Epizooties (OIE)

- World organization for animal health (est. 1924)
- 167 member countries including USA
- Headquarters in Paris, France
- Provides information on international health status
- Provides expert assistance to member countries
- Publishes recommended norms
- Information is free and online (www.oie.int)

World Trade Organization (WTO)

Location: Geneva, Switzerland

Established: 1 January 1995 (Uruguay Round 1986-94)

Membership: 148 countries

Mission:

- Administering WTO trade agreements
- Forum for trade negotiations
- Handling trade disputes
- Monitoring national trade policies
- Technical assistance and training for developing countries
- Cooperation with other international organizations
- OIE standards considered definitive for trade disputes involving animal health issues

Office International des Epizooties

- Fish Diseases Commission (Aquatic Animals Commission)
 - Five elected members – meet twice annually
- International Aquatic Animal Health Code
 - 8th Edition - 2005
- Diagnostic Manual for Aquatic Animal Diseases
 - 4th Edition – 2003
- System of International Reference Laboratories

Office International des Epizooties

- International Aquatic Animal Health Code
 - Notification procedures
 - Risk analysis
 - Zoning
 - Import/Export Procedures
 - Listed diseases of fish, mollusks and crustaceans
 - Model certificates

Office International des Epizooties

- Diagnostic Manual for Aquatic Animal Diseases
 - Quality management in testing laboratories
 - Principles of validation or standardization of diagnostic assays for infectious diseases
 - Methods of disinfection for aquaculture facilities
 - Current procedures – updated regularly by designated experts at reference laboratories
- OIE Quality Standard and Guidelines for Veterinary Laboratories
 - Describes the norms for accreditation of diagnostic laboratories under ISO 9000 and ISO/IEC 17025

Office International des Epizooties

- International Aquatic Animal Health Code
 - 1995-2002 – Two lists (Notifiable and Other)
 - Diseases Notifiable to the OIE
 - Fish
 - Epizootic haematopoietic necrosis
 - Infectious haematopoietic necrosis
 - *Oncorhynchus masou* virus disease
 - Spring viraemia of carp
 - Viral haemorrhagic septicaemia

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- Other Significant Diseases
 - Fish
 - Channel catfish virus
 - Viral encephalopathy and retinopathy
 - Infectious pancreatic necrosis
 - Infectious salmon anaemia
 - Epizootic ulcerative syndrome
 - Bacterial kidney disease
 - Enteric septicaemia in catfish
 - Piscirickettsiosis
 - Gyrodactylosis
 - Red sea bream iridoviral disease
 - White sturgeon iridoviral disease

Why Two Lists?

Many fish diseases that were considered to be of current or potential international significance in aquaculture did not seem to qualify for listing as “Notifiable” because:

- Less important than the other notifiable diseases
- Very limited geographic distribution
- Not involved in trade or movement was unlikely
- Very wide geographic distribution
- Etiology not proven
- Approved diagnostic methods not available

Inclusion on the list of “Other Significant Diseases” served to notify member countries that OIE would support controls on these diseases in the absence of a stringent risk assessment that might be required otherwise.

Criteria for Listing

Consequences

1. The disease has been shown to cause significant production losses at a national or multinational (zonal or regional) level. OR
2. The disease has been shown to or scientific evidence indicates that it is likely to negatively affect wild aquatic animal populations that are an asset worth protecting for economic or ecological reasons. OR
3. The agent is of public health concern. AND

Spread

1. Infectious aetiology of the disease is proven. OR
2. An infectious agent is strongly associated with the disease, but the aetiology is not yet known. AND
3. Potential for international spread, including via live animals, their products or fomites. AND
4. Several countries or countries with zones may be declared free of the disease based on the general surveillance principles outlined in Chapter 1.1.4 of the Aquatic Manual. AND

Diagnosis

1. A repeatable, robust means of detection/diagnosis exists.

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 - Infectious haematopoietic necrosis
 - Spring viraemia of carp
 - Viral haemorrhagic septicaemia
 - **Infectious pancreatic necrosis***
 - Infectious salmon anaemia
 - Epizootic ulcerative syndrome
 - **Bacterial kidney disease***
 - Gyrodactylosis
 - Red sea bream iridoviral disease
 - **Koi herpesvirus disease***

Office International des Epizooties

To resolve issue of delisting BKD and IPN and listing KHVD:

1. OIE Ad hoc Group (Finfish Team) was created
 - Recommended de-listing IPN and BKD
 - Recommended not listing KHVD
2. EU Ad hoc Group was formed - offered rebuttal
 - Recommended retention of IPN and BKD and listing of KHVD as notifiable
3. OIE Reference Laboratories and Designated Experts asked for opinion – BKD judged not to meet all criteria for listing
4. OIE recommended retention for further study