

AVIS: Public Health



ADVANCED VETERINARY INFORMATION SYSTEM

Authors and General Editors

- Dr. William A. Geering - AVIS Scientific General Editor, Canberra, Australia
- Dr. Anthony J. Garland - AVIS College Consultant, Pirbright, UK
- Dr. Apostolos T. Rantsios - AVIS College President, Athens, Greece
- Dr. Mark M. Rweyemamu - AVIS College Technical Director, London, UK

Commissioning Editor

- Professor Julian Hilton - Chairman, AVIS College, AleffGroup, London, UK

AVIS: The Advanced Veterinary Information System

The AVIS System was initiated in 1992 by the Food and Agriculture Organization of the United Nations (FAO), the Office International des Epizooties (OIE – World Organisation for Animal Health), Institute for Animal Health (IAH) Pirbright and Telos Aleff Ltd to pioneer the creation of peer-reviewed, "gold-standard" multimedia reference and training materials for professionals and decision-makers in animal health and production.

Public Health

AVIS interprets the concept of Public Health in line with the definitions and practices used by the international community. Its approach is multidisciplinary (for example, public health can be affected as much by poverty and hunger as by disease) and its search for solutions holistic. While there is still great value in a classical model that allocates different responsibilities to different professional groups (doctors, veterinarians, public health officials etc) in the wider health community, many of the emerging challenges we face will be cross-cutting, and global requiring a well-coordinated team response. So AVIS is committed to a continuous development and update process for its programs and tools for daily use by the interdisciplinary teams that have formed and are forming to promote public health, all over the world.

Health

The World Health Organisation (WHO) defines Health as not merely the absence of disease or infirmity [...] but a complete state of:

physical,

mental, and

social well-being.

AVIS: The Food and Agriculture Organisation, Rome, L'Office International des Epizooties, Paris, Institute of Animal Health, UK, Telos Aleff Ltd., London
www.aviscollege.com

AVIS Office: 53 Skylines, Limeharbour, LONDON, E14 9TS, UK +44 (0) 20 7515 9009 (tel)
+44 (0) 20 7515 5465 (fax) **Email:** AVISCollege1@aol.com

AVIS Fact Sheet 2006 ©AVIS 2006

Public Health (PH)

World Health Organisation (WHO) defines the remit of Public Health as addressing all organized measures (whether public or private) to:

- prevent disease,
- promote health, and
- prolong life among the population as a whole.

Veterinary Public Health (VPH): A New Model

The WHO and the Food and Agriculture Organisation (FAO) define Veterinary Public Health as the sum of all contributions to:

- the physical,
- mental, and
- social well-being of humans

through an understanding and application of veterinary science.

"One Medicine"

Veterinary Public Health is thus no longer concerned simply with classical zoonoses, i.e. those diseases that are transmissible from animals to humans, but with a much broader, holistic impact of veterinary science on both animal and human health.

Already it is acknowledged that some 75% of emerging diseases of humans are of animal origin.

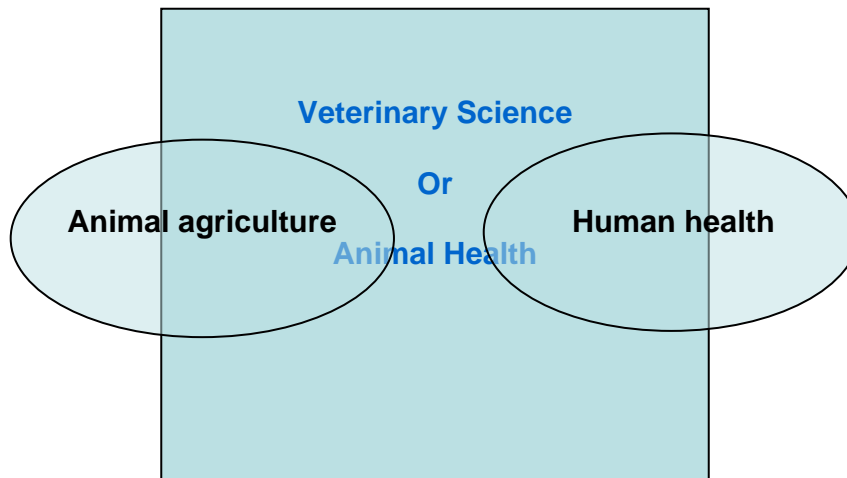
Animal welfare and well-being is understood as critical to underpinning health goals.

The future trend is likely to see increasing convergence between approaches to human and animal health, especially with respect to infectious diseases.

The trend of resource allocation and risk management is likely to move in the direction of what AVIS has termed "High Impact" Animal Diseases, Food Safety and Animal Impact on the Environment.

These factors are more and more driving the concept of a "one medicine" system linking the activities of traditional animal and human health professionals with those from other disciplines into an inter-sectoral and multi-disciplinary approach to infectious disease surveillance and management. This is what the AVIS Editors have termed the "One Medicine Collaboration".

One Medicine Collaboration



AVIS Programs and the AVIS College

AVIS programs are being developed to be a key knowledge management base that promotes this holistic approach to HEALTH. And the AVIS College is building an interdisciplinary team of fellows whose knowledge and expertise reflect the One Medicine approach.

The same concept underpins the philosophy of the Aleff Group, i.e.

Animal and Human health

Leather

Environment

Food and

Forestry

Interoperability

The second contribution of AVIS to the concept of One Medicine Collaboration is that of interoperability in animal health knowledge management, which the AVIS College has been promoting since 1994.

AVIS: Addressing Stakeholder Needs

Different stakeholders in animal health and production have different needs, but common standards link all actions and interventions. AVIS programs address specific stakeholder needs:

- Livestock producers and farming communities
- Planners and decision-makers on the national and sub-national level
- National veterinary authorities and reference sites
- Regional field staff and extension services, including veterinarians
- Laboratory workers
- Epidemiologists and control specialists
- Personnel from enterprises and organizations involved in animal disease control, i.e. meat and dairy industry, vaccine producers, NGOs
- Veterinary students.

AVIS programs are available to subscribers on-line, through the AVIS Portal, as well as on CD or DVD.

Enquiries and Sales

For inquiries and sales please contact Dr. Malika Moussaid, mmoussaid1@aol.com.

AVIS Office: 53 Skylines, Limeharbour, LONDON, E14 9TS, United Kingdom
(tel) +44 (0) 20 7515 9009 (fax) +44 (0) 20 7515 5465

Email: aviscollege1@aol.com **Website:** <http://www.aviscollege.com>