



Association of Veterinary Consultants

**EMA/HMA Veterinary Big Data Stakeholder Forum
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Current use of „big data“

Current experiences

- ⇒ National databases on SCC, but with owner consent
- ⇒ Sourcing of clinical patients based on data, but with informed consent or anonymisation
- ⇒ Antimicrobial use databases
- ⇒ Under GxP, only prospective data evaluated: contemporaneously recorded, correct, valid ...

- ⇒ What we already use: Literature research



The current legal system makes it challenging to use individual datasets on health of animals/farms/data

Expectation to Big Data Strategy

Clarify the basics

- ⇒ Ownership of data (and databases) clarified
- ⇒ Current lack of standards to be solved
- ⇒ Use of data limited to valid and scientific rational: data only as good as entered/maintained/provided
- ⇒ Consider legitimate interests on data protection and proprietary information while allow access to all stakeholders
- ⇒ Data used based on consent, security and/or anonymisation, but full transparency



Current experiences are worrying: There is a (long) way to go ...

Contribution to use of „big data“

Commitment to develop and implement Big Data Strategy

- ➔ Support the use of Big Data in a transparent manner
- ➔ Use tools and participate in the development of new models to justify the use of Big Data, where accessible
- ➔ Address the challenges described to the benefit of Animal Health
 - replace unnecessary studies
 - promote safety of animals and animal health products
- ➔ our contribution will certainly be based on our know-how and interest to promote the availability of animal health products



Welcome the initiative of EMA/HMA, as there is a way to go ...



Association of Veterinary Consultants

- ➔ The Association of Veterinary Consultants, the association of completely independent, self employed veterinary specialists, aims at pushing veterinary support and science in the animal health and food sector by supporting global harmonization of standards for animal health and animal derived products, assuring animal, user and environmental safety and other ethical principles as defined in the AVC - Code of Practice

Look forward to future discussions
and use of big data



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Thank you