An investigation of the scientific foundation and stakeholder needs

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Who knows the durability of Danish horses? What is the longevity of them? Do they have a good welfare? Are they bred, managed and used wrongly?

THE RESEARCH QUESTIONS

How can we estimate prevalence and risk of disease?

How do we manage disease surveillance and establish disease control tools? Can we practice targeted breeding for healthy animals?

How do we educate veterinary students?



Breeding for





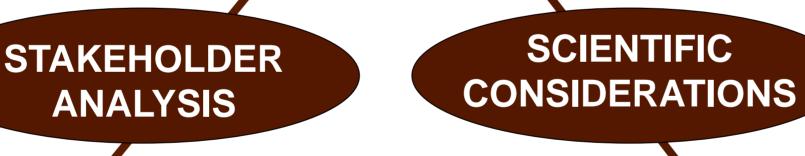
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Horse breeders

Ordinary citizens

Equine veterinarians

ANSWERS CAN ONLY BE PROVIDED BY Prioritization, organization, and coordination of information in a national health- and disease database, with a design and content that meets the stakeholders' needs.



METHOD

Qualitative interviews

REFLECTION and

BACKGROUND

Existing recording of equine health-related data in Denmark

Statutory registrations:

Demographic basic data (EU-legislation) in one single database (national supplement).

UELN number (Universal Equine Life Number). Microchip number.

Notifiable diseases are reported to the authorities.

Voluntary registrations:

Show jumping & dressage results: already continuously incorporated in the mandatory database.

Not available:

Mandatory reporting of medical treatments of horses, besides the common EU-legislation.

Medical records are kept at the individual clinics.

Central diagnosis registration.

Systematized insurance databases.

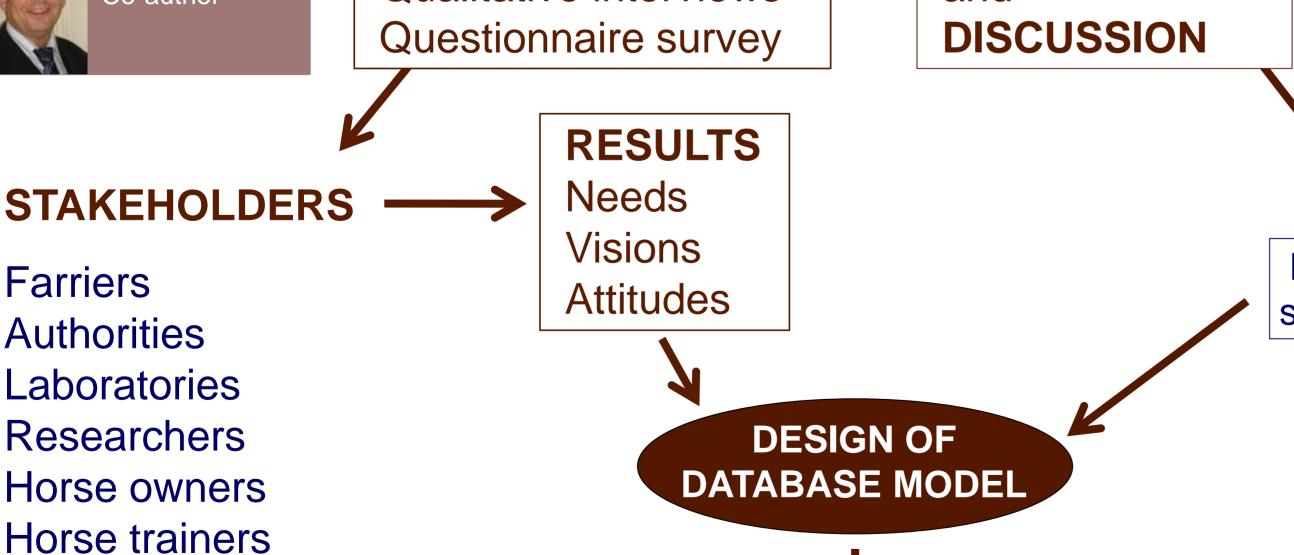
Systematic collection of information regarding diseases and health, including performance.

WHAT TO CONSIDER

Quality of data can be compromised at many steps. Every database should contain exact documentation about its purpose, design, and raw data registration criteria.

No database can serve all purposes.

It is vital to match the possible input of data with the needs for output.



Technical/ Data management software issues Basic information on the base population Data quality Accuracy Data collection Circumstances Balancing on the edge between **Opportunities**

scientists and laymen "What is a diagnosis?"

> Disease manifestations? Fulfilment of specific criteria?

Financing

Limitations

The action taken?

Legal issues

Additional stakeholders?

OUTCOME

A scientifically founded protocol for a

Functional Usable Rational **Durable**

DATABASE of HEALTH AND DISEASE IN THE DANISH HORSE POPULATION

