

Approaches for change towards rational antimicrobial use in Danish dairy herds: a literature review

Preliminary results of a PhD project

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Background and rationale

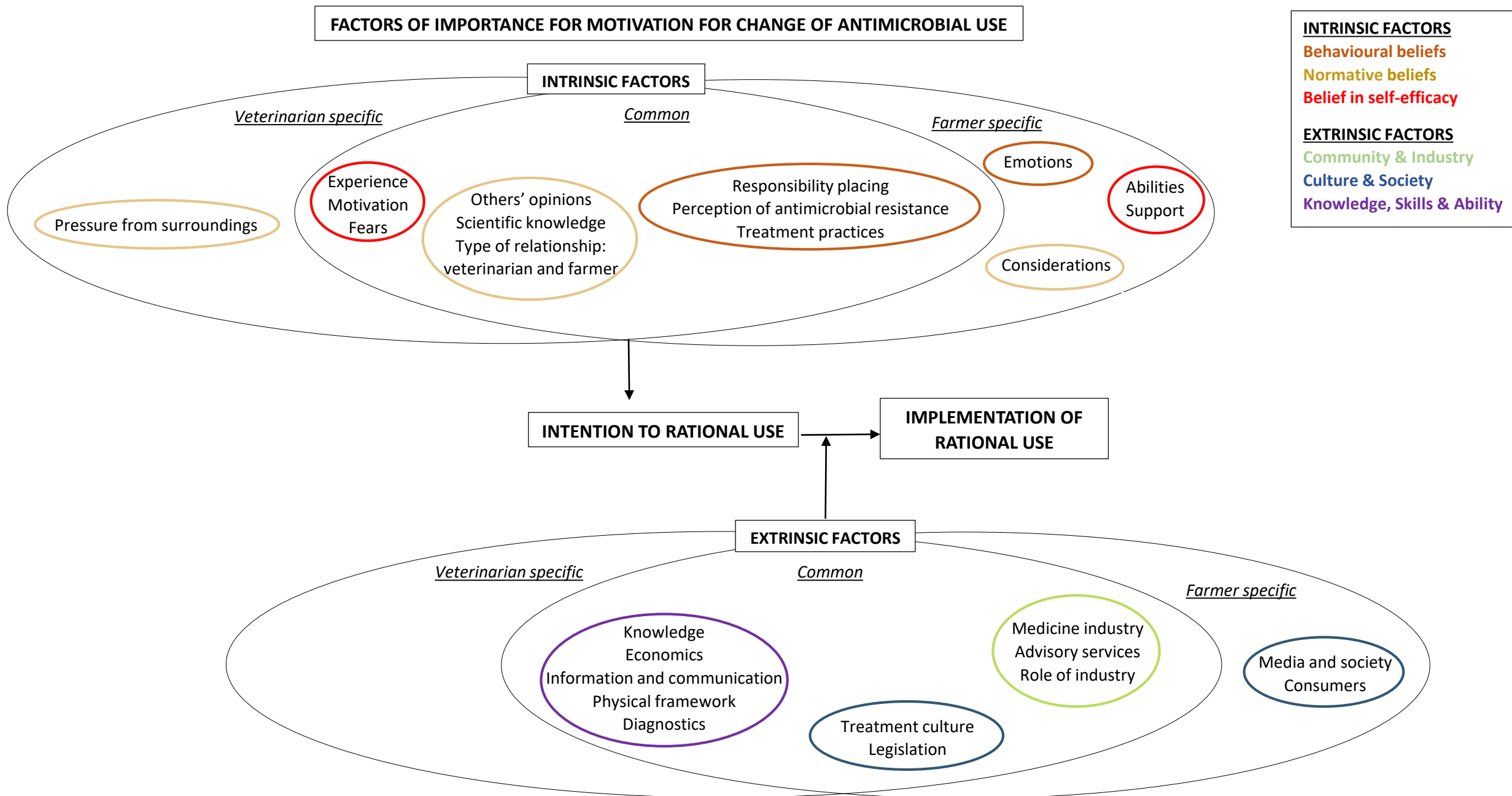
- Antimicrobial resistance: a growing problem globally
- History:
 - External factors
- Danish veterinary advisory service contracts (VASC)
- No reduction in cattle past five years (DANMAP, 2018)
- Internal factors (Bokma et al., 2018)

Aim:

To understand factors of importance within a herd health consultancy situation with a focus on obtaining rational antimicrobial use

Literature review

- Inclusion criteria
 - Dairy cattle, peer-reviewed articles, antimicrobial use, intensive production, relevant for herd health consultancy situation under Danish conditions
- Seven databases
- 35 articles
- Model applied:
 - Inspiration from Ellis-Iversen *et al.* (2010) – a holistic approach



Preliminary conclusions

- Factors of importance for change of antimicrobial use were identified
- Danish conditions

Thank you for your attention!

Questions?