

Danish farmers and veterinarians' perspectives and practices in relation to antimicrobial use in dairy farming

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Interview studies

Semi-structured interviews

15 farmers

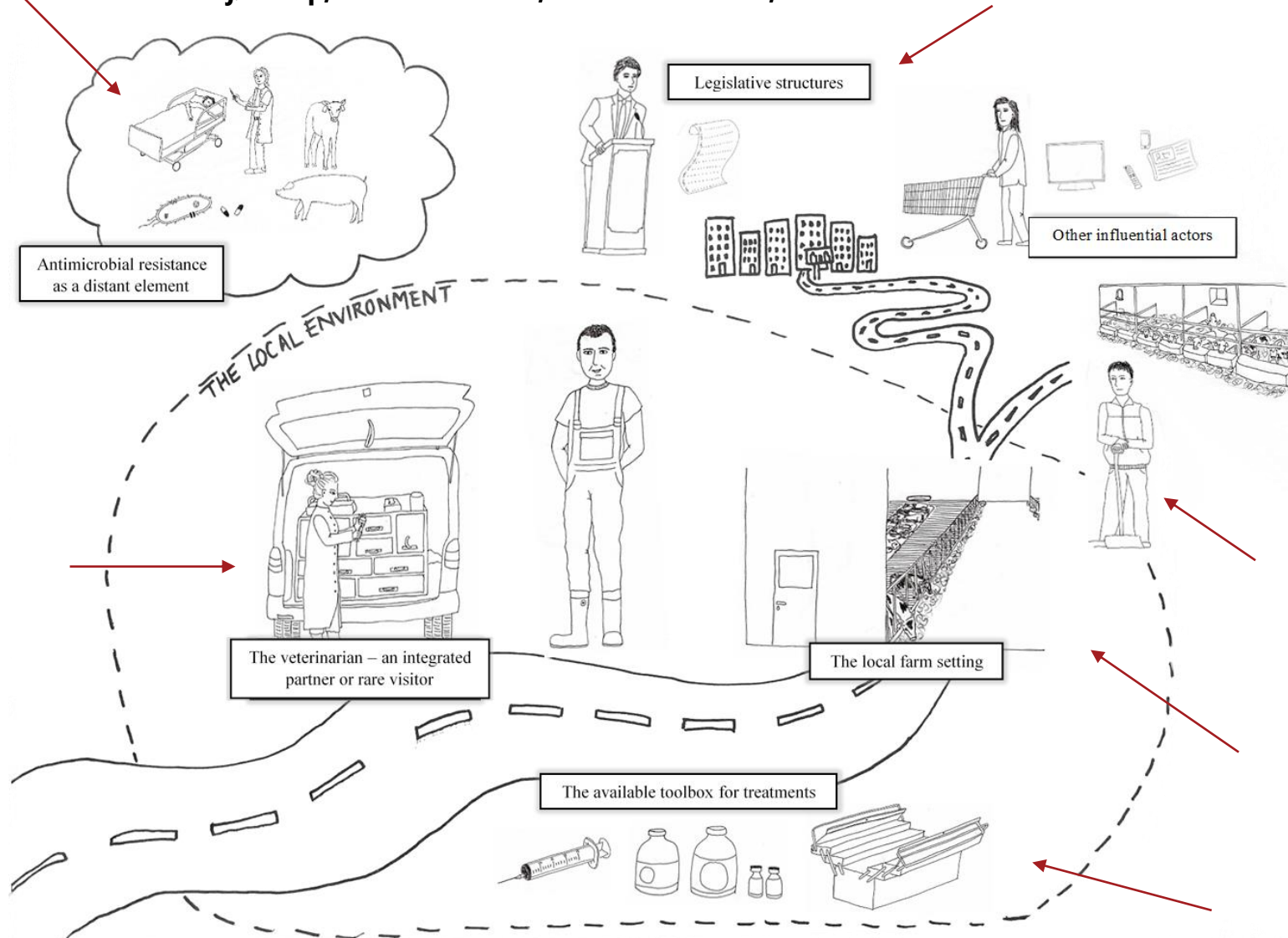
16 veterinarians

- Participant matrix (gender, employment status, age, type of production)
- Interview guide covering 7-8 themes
- Transcribed and analysed inspired by the inductive approach in Grounded theory (Corbin and Strauss, 2015)
- Non-generalizable



Results: The antimicrobial landscape as outlined by Danish farmers

Nanna K. Skjølstrup, Dorte B. Lastein, Carsten S. Jensen, Mette Vaarst



Structures of local relevance to the farmer: inside the circle – distant structures on the outside

- Farmers approach disease and the local farm setting differently:
 - Controlling disease through treatment, acceptance of current framework
 - Focusing on robust animals, thinking outside the current framework
- The veterinarian as a close collaborator or a decoupled necessity
- Other farmers' opinion are important
 - Influence use practices
- Legislation
 - Liberalisation → legitimising use
 - Organic farming: legislation enable differentiation and ensure quality
- AMR not perceived as a risk – other countries and industries

Results: Danish cattle veterinarians' perspectives on antimicrobial use: contextual and individual influencing factors

Nanna K. Skjølstrup, Mette Vaarst, Carsten S. Jensen, Dorte B. Lastein

Key findings:

- Personal experiences guide treatment
 - Lack of scientific evidence
- Social relations affect veterinary AMU choices (especially for less experienced veterinarians)
- Danish legislation
 - Hesitancy and reduced motivation
 - Liberalisation om medicines: shared responsibility of AMU (dual roles) → loss of control and nudging
- AMR as an abstract concept - restricted AMU and other-blaming



Take home message – antimicrobial use from the perspective of Danish farmers and veterinarians:

- Many elements influence AMU practices – different for farmers and veterinarians
- Communication (dual roles), understanding of each others' perspectives and alignment of expectations are important within the veterinarian-farmer collaboration
- Farm-specific evidence based research with regard to AMU and AMR is needed

Thank you for listening!

