











Output for vets

Animal level

· diagnoses and treatments

Herd level

- · diagnoses and treatments
- therapy overview
 which therapies were applied for different diagnoses
- · comparison of realised results against
 - herd specific targets
- group of similar herds (benchmarking)

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Pilot "Therapy Evaluation" (2009-2010)

5 veterinary practices / 36 dairy farmers / ~2800 cows

Vets and farmers were trained

Health data recorded by farmers were checked for correctness and completeness

Questionnaire

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Results: recording of health data by farmers

Data are generally correct but not always complete

- · correctness depends mainly on frequency (best with daily recording)
- · udder health data most complete
- · completeness of other traits depends on interest of farmer
- farmers with a PDA record data most completely and correctly

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Results: experiences

Farmers

- · software is easy to use
- · difficult to define treatment protocols and to understand treatment protocols by vets
- clear and brief presentation of management information is important

Veterinarians

- quality of treatment protocols varied largely across and within practice
- · large effect of training and feedback on recording behaviour of farmer
- · output triggers discussions on antibiotics use with farmers

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Follow-up activities

Further implementation "Therapy Evaluation"

- 2011: 40 veterinary practices
- 2012: 80 veterinary practices
- 2014: 160 veterinary practices

Include calculation of animal daily dosage (2012)

Evaluate the feasibility of using the output of "Therapy Evaluation" in herd health management plans

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Conclusions

Monitoring and managing antibiotics use at farms requires a good interaction between farmers and vets

"Therapy Evaluation"

- increases transparency and completeness of data on antibiotics
- · contributes to improved awareness and responsibility
- · helps farmers and vets to identify problem areas
- supports dairy sector to reach defined targets in an efficient way

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