Reducing use on the national scale - using veterinary expertise

Bernd-Alois Tenhagen
Farm level approach

Implementation of prudent use programmes

- Collection of AMU data on farm level in a centralised national database
  - by animal species
  - by production type
- Evaluate the data regularly
- Production-type specific benchmarking of farms

Aims:
- Deduce feasible target values
- Identify farms with a high level of AMU
- Provide advice on how to reduce AMU
Principle of flexible target values
Sales of veterinary antimicrobials in Germany (BVL 2020)

Sales in tons of active substance

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Sales in tons of active substance: 1706 t

Legal change: Δ=1036 t (60.7%)
Treatment frequency in different populations

![Graph showing treatment frequency in different populations over time intervals for various populations such as Pigs, Broiler, Turkey, Calves < 8 m, Beef > 8mth, and Cattle. The graph includes data from 2014 to 2020.]
Use of selected HPCIA

- Additional obligations when prescribing these drugs

Graph showing the amount sold to vets (t) from 2011 to 2019 for Fluoroquinolones and 3rd / 4th gen. Cephalosporins.
Future needs

- Extending minimisation concept to other populations
- Tailoring required measures for high use farms
- Further focussing on reduction of WHO category „HPCIA“ or EMA category „restrict“
Thank you for your attention

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