Encouraging improved animal health and responsible medicines use through data collection and benchmarking within the UK beef industry

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Project aims

• Better understand medicines use on UK beef farms

• Propose benchmarking strategy
Why measure medicines use

- Key concern for stakeholders
  - Food Safety & Security
  - Antimicrobial resistance

- Stimulates farmer-vet conversations
  - Responsible medicines use
  - Maintaining/improving health & productivity KPIs

References:

¹ Turner et al 2018;
Methodology

- Convenience sample
- On farm interviews, questionnaire
- Medicines usage
## Results

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<th>Date of Treatment</th>
<th>Date Treatment Method</th>
<th>Identity of Animal/Group Treated</th>
<th>Medicine</th>
<th>Dose (mg)</th>
<th>Batch Number</th>
<th>Withdrawal</th>
<th>Name of person who administered the treatment</th>
<th>Reason for Treatment</th>
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Metrics under consultation

- % Animals treated
- mg/SBCU
Assessing impact
- Clinical governance
- Disease incidence
- Treatment outcomes
- Medicine auditing
- AMR testing

Understanding medicines use
- Medicines auditing
- Integrated HHM
- Reduced CIAs
- VetIMPRESS

Improving animal health
- Improved husbandry
- Reduced disease
- Appropriate therapy

Motivating change
- On farm
- Participatory and collaborative
- Practice policy
- Education

Understanding microbiology
- Biobanking
- AMR testing
- Environmental cycling

Responsible medicines use
- Responsible farmers
- Responsible vets
- Responsible practices

AMR Force
@AMRForce