



212 Research paper

**Temporal Relationship Between Decrease in Antimicrobial Prescription for Danish Pigs and the "Yellow Card" Legal**

by Jensen, V. F., de Knecht, L. V., Andersen, V. D. and A. Wingstrand  
2014 Preventive Veterinary Medicine 117: 554-564

**In Significant Impact Groups:**

Prudent use AB \      Veterinarian AMU reduction strategies

Species targeted: Pigs;

Age: Not stated;

**Summary:**

The potential effects of the Yellow Card intervention, enforced by Danish authorities since 2010 on the antimicrobial prescription in the Danish pig production were investigated. Descriptive analysis of temporal trends in quantitative antimicrobial prescription for pigs were performed for each administration route, age and disease group. There was a 25% decline in the total antimicrobial use per pig produced between 2009 and 2011, both in sows, piglets, weaners and finishers. Reduced prescription of some antibiotics for oral use in weaners and finishers explained 76% of the total reduction. In 2012, the overall antimicrobial use increased by 10%, as a result of slight changes of prescription patterns. On herd level, the decline and subsequent increase was mainly related to changes in number of herds receiving regular monthly prescriptions. The steep decrease in antimicrobial use in the Danish pig production was temporally related with the announcement and introduction of the Yellow Card intervention.

*212 Research paper - Jensen - 2014 - Temporal Relationship Between Decrease in Antimicrobial Prescription for Danish Pigs and the Yellow Card Legal Intervention Directed at Reduction of Antimicrobial Use*

**Where to find the original material:**

<https://pubmed.ncbi.nlm.nih.gov/25263135/>; <https://doi.org/10.1016/j.prevetmed.2014.08.006>

Country: DK