



473 Research paper

Post weaning diarrhea in pigs: risk factors and non-colistin-based control strategies

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In **Significant Impact Groups:**

Pathogen management \ Managing sick animals Targeted use of

Species targeted: Pigs;

Age: Young;

Summary:

Post-weaning diarrhea (PWD) due to *Escherichia coli* is an economically important disease in pig production worldwide, affecting pigs during the first 2 weeks after weaning and characterized by sudden death or diarrhea, dehydration, and growth retardation in surviving piglets. Furthermore, many stress factors associated with the weaning period, such as removal from the sow, dietary changes, adapting to a new environment, mixing of pigs from different farms and histological changes in the small intestine, may negatively affect the response of immune system and lead to an intestinal gut dysfunction in pigs.

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Where to find the original material:

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5437690/pdf/13028_2017_Article_299.pdf;

<https://dx.doi.org/10.1186%2Fs13028-017-0299-7>

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