



414 Research paper

The relationship between transition period diseases and lameness,

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In **Significant Impact Groups:**

Precision Livestock Farming & Early detection \ Sensor technology

Species targeted: Dairy;

Age: Adult;

Summary:

This research did record feeding time by placing cameras by the feed bunk and using different digital systems. Lameness was scored as well as body conditions score. The results support the hypothesis that lameness

during the dry period is associated with transition diseases. Lameness

identified 2 mo before calving was associated with

increased risk of transition diseases, highlighting the importance of

screening cows for lameness around dry-off. One of the mechanisms through

which lameness may be associated with TD is through decreased feeding time; throughout the dry period,

lame cows spent less time feeding than sound cows, and

lower feeding time was in turn associated with higher odds of transition diseases.

These results suggest that reducing lameness during the dry period and avoiding overconditioning at dry-off may improve transition health.

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feedin time and body condition during the dry period*

Where to find the original material:

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