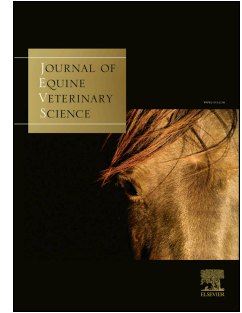


# Accepted Manuscript

Seasonal variation in tracheal mucous and bronchoalveolar lavage cytology for adult clinically healthy stabled horses

Sanni Hansen, Marie Louise Honoré, Miia Riihimaki, John Pringle, Aviaja H. Ammentorp, Julie Fjeldborg



PII: S0737-0806(18)30576-8

DOI: [10.1016/j.jevs.2018.09.001](https://doi.org/10.1016/j.jevs.2018.09.001)

Reference: YJEVS 2583

To appear in: *Journal of Equine Veterinary Science*

Received Date: 10 August 2018

Revised Date: 7 September 2018

Accepted Date: 8 September 2018

Please cite this article as: Hansen S, Honoré ML, Riihimaki M, Pringle J, Ammentorp AH, Fjeldborg J, Seasonal variation in tracheal mucous and bronchoalveolar lavage cytology for adult clinically healthy stabled horses, *Journal of Equine Veterinary Science* (2018), doi: 10.1016/j.jevs.2018.09.001.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 Original Research paper

2

3 Title

4 Seasonal variation in tracheal mucous and bronchoalveolar lavage cytology for adult clinically healthy  
5 stabled horses

6

7 Sanni Hansen<sup>1</sup>, Marie Louise Honoré<sup>1</sup>, Miia Riihimäki<sup>2</sup>, John Pringle<sup>2</sup>, Aviaja H. Ammentorp<sup>1</sup>, and Julie  
8 Fjeldborg<sup>1</sup>

9 <sup>1</sup>University of Copenhagen, Faculty of Health and Medical Sciences, Department of Large Animal Sciences,  
10 Højebakkegaard Allé 5, DK-2630 Taastrup

11 <sup>2</sup>Department of Clinical Sciences, Box 7054, 750 07 Uppsala, Faculty of Veterinary Medicine and Animal  
12 Science, Swedish University of Agricultural Sciences, Uppsala, Sweden

13

14 \*Corresponding author: Sanni Hansen, Department of Veterinary Clinical Sciences, University of  
15 Copenhagen, Højebakkegaard Allé 5, DK-2630 Taastrup, Denmark.

16 E-mail address: sannih@sund.ku.dk (S. Hansen)

17

18 Abstract

19 Seasonal changes affect the concentration of dust particles and aeroallergens in the equine stable  
20 environment and are hypothesised to change airway cytology in healthy stabled horses

21 The objective of the study was to evaluate if seasonal changes from May to November influenced the lower  
22 airway health cytological findings in clinically healthy stabled horses.

23 Endoscopic examination, including tracheal aspiration (TA) and bronchoalveolar lavage (BAL) cytology was  
24 performed in November and May on 63 clinically healthy stabled Danish Warmblood geldings, aged 12.9 (±

Download English Version:

<https://daneshyari.com/en/article/11019454>

Download Persian Version:

<https://daneshyari.com/article/11019454>

[Daneshyari.com](https://daneshyari.com)