

Accepted Manuscript

Clinical and Histologic evaluation of polyacrylamide gel in normal equine metacarpal / metatarsal-phalangeal joints

Scott R. McClure, Michael Yaeger, Chong Wang

PII: S0737-0806(16)30515-9

DOI: [10.1016/j.jevs.2016.11.016](https://doi.org/10.1016/j.jevs.2016.11.016)

Reference: YJEVS 2280

To appear in: *Journal of Equine Veterinary Science*

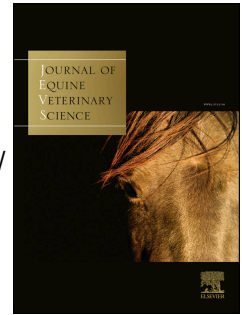
Received Date: 25 August 2016

Revised Date: 29 November 2016

Accepted Date: 29 November 2016

Please cite this article as: McClure SR, Yaeger M, Wang C, Clinical and Histologic evaluation of polyacrylamide gel in normal equine metacarpal /metatarsal-phalangeal joints, *Journal of Equine Veterinary Science* (2017), doi: 10.1016/j.jevs.2016.11.016.

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**

2

3 Clinical and Histologic evaluation of polyacrylamide gel in normal equine metacarpal
4 /metatarsal-phalangeal joints

5

6 *Scott R. McClure^a, Michael Yaeger^b, Chong Wang^c

7

8 ^aDepartment of Veterinary Clinical Sciences, ^bDepartment of Veterinary Pathology,

9 ^cDepartments of Veterinary Diagnostic and Production Animal Medicine and Department of
10 Statistics, College of Veterinary Medicine, Iowa State University, Ames, Iowa, USA.

11

12 * Corresponding author at: Department of Veterinary Clinical Sciences, College of Veterinary
13 Medicine, Iowa State University, Ames, IA 50010.

14 *E-mail address:* scott.mcclure.dvm@gmail.com

15 **Keywords**

16 Horse; Polyacrylamide; Histologic Evaluation

17

18

19 **Abstract**

20 Polyacrylamide hydrogel (PAHG) is being developed to treat osteoarthritis in horses.
21 Prior to application in osteoarthritic joints, evaluation of PAHG in normal joints is indicated.
22 The objectives of this study are to evaluate the clinical, cytologic, histologic and metabolic
23 effects of PAHG in normal fetlock joints. This study is an *in vivo* controlled study utilizing 6

Download English Version:

<https://daneshyari.com/en/article/5535622>

Download Persian Version:

<https://daneshyari.com/article/5535622>

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