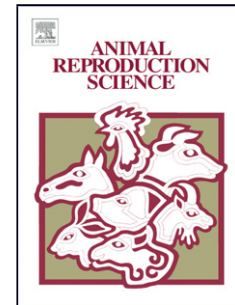


## Accepted Manuscript

Title: Effect of semen collection frequency on the semen characteristics of dromedary camels

Authors: S. Al-Bulushi, B.M. Manjunatha, R. Bathgate, J.P. Rickard, S.P. de Graaf



PII: S0378-4320(18)30491-3  
DOI: <https://doi.org/10.1016/j.anireprosci.2018.08.022>  
Reference: ANIREP 5924

To appear in: *Animal Reproduction Science*

Received date: 14-5-2018  
Revised date: 23-7-2018  
Accepted date: 15-8-2018

Please cite this article as: Al-Bulushi S, Manjunatha BM, Bathgate R, Rickard JP, de Graaf SP, Effect of semen collection frequency on the semen characteristics of dromedary camels, *Animal Reproduction Science* (2018), <https://doi.org/10.1016/j.anireprosci.2018.08.022>

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.

Title: Effect of semen collection frequency on the semen characteristics of dromedary camels

Short title: Camel semen collection frequency and ejaculate quality

Authors: S. Al-Bulushi<sup>1,2,\*</sup>; B. M. Manjunatha<sup>1</sup>; R. Bathgate<sup>3</sup>; J. P. Rickard<sup>2</sup>; S. P. de Graaf<sup>2</sup>

Address: <sup>1</sup>Laboratories and Animal Research Center, DG of Veterinary Services, Royal Court Affairs, Muscat, Oman

<sup>2</sup>The University of Sydney, Faculty of Science, School of Life and Environmental Sciences, NSW 2006, Australia

<sup>3</sup>The University of Sydney, Faculty of Science, Sydney School of Veterinary Science, NSW 2006, Australia

Corresponding author: Simon de Graaf; RMC Gunn Building B19, School of Life and Environmental Sciences, Faculty of Science, The University of Sydney, NSW 2006, Australia; Phone: +61 2 9351 3363; Email: [simon.degraaf@sydney.edu.au](mailto:simon.degraaf@sydney.edu.au)

## Highlights

- 1- Semen quality of dromedary camels is not affected by weekly semen collection frequency
- 2- Twice weekly semen collection negatively affects camel semen quality
- 3- Semen quality varies among males

## ABSTRACT

The effect of semen collection frequency (once or twice per week) on the sexual behaviour, libido and semen characteristics (volume, colour, gross activity, viscosity, sperm concentration, morphology, motion characteristics and membrane viability and acrosome integrity) of dromedary camels ( $n = 7$ ) was investigated over the course of 8 weeks. Results showed that frequency of collection influenced male camel

Download English Version:

<https://daneshyari.com/en/article/10157356>

Download Persian Version:

<https://daneshyari.com/article/10157356>

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