

Accepted Manuscript

Accuracy of assessment of luteal morphology and luteal blood flow for prediction of early pregnancy in goats



Isabel Oliveira Cosentino, Mario Felipe Alvarez Balaro, Felipe Seabra Cardoso Leal, Ana Beatriz da Silva Carvalho, Paula Renata Cortat de Souza, Eduardo Kenji Nunes Arashiro, Felipe Zandonadi Brandão

PII: S0093-691X(18)30634-4
DOI: 10.1016/j.theriogenology.2018.08.007
Reference: THE 14666
To appear in: *Theriogenology*
Received Date: 16 May 2018
Accepted Date: 07 August 2018

Please cite this article as: Isabel Oliveira Cosentino, Mario Felipe Alvarez Balaro, Felipe Seabra Cardoso Leal, Ana Beatriz da Silva Carvalho, Paula Renata Cortat de Souza, Eduardo Kenji Nunes Arashiro, Felipe Zandonadi Brandão, Accuracy of assessment of luteal morphology and luteal blood flow for prediction of early pregnancy in goats, *Theriogenology* (2018), doi: 10.1016/j.theriogenology.2018.08.007

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 Accuracy of assessment of luteal morphology and luteal blood flow for prediction of
2 early pregnancy in goats

3

4 Isabel Oliveira Cosentino^{1*}, Mario Felipe Alvarez Balaro¹, Felipe Seabra Cardoso Leal²,
5 Ana Beatriz da Silva Carvalho¹, Paula Renata Cortat de Souza¹, Eduardo Kenji Nunes
6 Arashiro¹, Felipe Zandonadi Brandão^{1*}

7

8 ¹Faculdade de Veterinária, Universidade Federal Fluminense, Niterói, Rio de Janeiro,
9 24230-340, Brazil

10 ²Capril Vale das Amalthéias, Sapucaia, Rio de Janeiro, Brazil, 25780-000

11 * Corresponding author. Rua Vital Brazil Filho, 64. Niteroi, Rio de Janeiro, 24230-
12 340, Brazil.

13 E-mail addresses: isabelcosentino@id.uff.br (I.O. Cosentino), fzbrandao@id.uff.br (F.Z.
14 Brandão).

15

16 **Abstract**

17 This study aims to determine the best post-breeding time for an early pregnancy
18 diagnosis in dairy goats, when using luteal morphology and vascularization assessment
19 by B-Mode and color Doppler ultrasonography (US) in association or not with the
20 anechoic uterine content. A total of 131 Saanen goats (2.0 ± 0.5 years old) were used in
21 the two studies. In the first study, pregnancy prediction was daily performed from Day
22 15 to 23 post-breeding in 51 does. This was based on a subjective assessment of luteal

Download English Version:

<https://daneshyari.com/en/article/8943832>

Download Persian Version:

<https://daneshyari.com/article/8943832>

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