Canine Uterine Disorders

The end of the reproductive career ?

Dr Emmanuel Fontaine

Royal Canin Canada

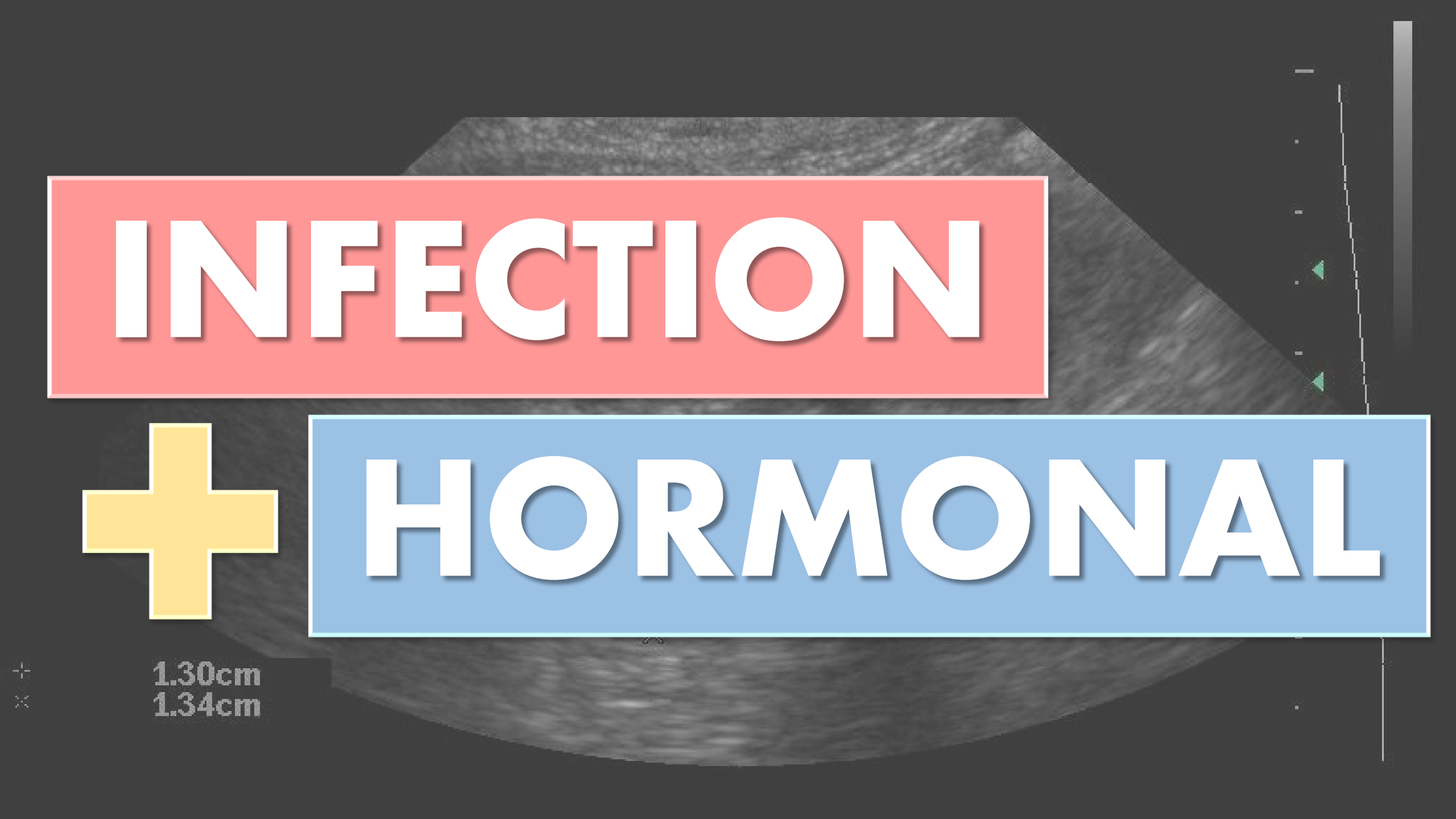

FERTILITY
INFERTILITY

The story of

GENOA

Consulting for : *VAGINAL DISCHARGE*


OVHX
= pus in the uterus


INFECTION
+
HORMONAL
1.30cm
1.34cm

Reproduction in Domestic Animals

Reprod Dom Anim **49** (Suppl. 2), 28–32 (2014); doi: 10.1111/rda.12302
ISSN 0936–6768

PGF2α + AGLEPRISTONE CABERGOLINE

Dogs

Teaching Veterinary Hospital, Small Animal Reproduction Service, Oniris, Nantes-

Contents

Pyometra is a reproductive disorder [illegible] over 8 years of age in which physiological effects of progesterone on the uterus play a major role. The traditional therapy for pyometra is ovariohysterectomy. The main advantage of ovariohysterectomy over medical management is that it is both curative and preventive for recurrence [illegible]. However, surgery is associated with the risk of [illegible] and the bitch [illegible] during the last 10 years [illegible] treatments have been proposed to treat [illegible] cervix pyometra. The most effective [illegible] minor side effects seems to be the [illegible] aglepristone with or without the additional treatment with low doses of prostaglandins.

[illegible] and [illegible] 2012). The concomitant presence of bacteria such as *Escherichia coli* during these phases may induce the development of an infection. The bacteria adhere to [illegible] the immune response. [illegible] is [illegible] the [illegible] and [illegible] moderate. The uterine horns are narrow in diameter and the lumen cannot be distinguished on ultrasound. In

Transcervical endoscopic catheterization technique (TECT) with uterine lavage to improve clinical outcomes of medically managed pyometra in the bitch: Case Studies

Marthina Greer, DVM, JD*; J. Curtis Zella MS, DVM*, Cheryl Lopate, MS DVM**, and John Verstegen DVM, MSc, PhD***
*Veterinary Village LLC, International Canine Semen Bank-Wisconsin, N11591 Columbia Drive, Lomira, Wisconsin USA, www.smallanimalclinic.com
**Reproductive Revolutions, 9275 SW Barber St Wilsonville OR USA www.reproductive revolutions.com
*** MOFA Global, Verona Wi. USA, www.mofaglobal.com

Something I must tell you about: TECT, a weird acronym but a great breakthrough in canine reproduction

Posted by Emmanuel PRO Technical Service on August 20, 2014 at 6:30am View Blog

Fertility after medical treatment of uterine diseases in the bitch: a retrospective study on 24 cases

E. Fontaine [a], G. Bassu [b], X. Levy [c], A. Grellet [d], A. Fontbonne [e]

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RESULTS

Data regarding the population are presented in Fig 2. Treatment of pyometra or CEH efficiency was 95.8% (23/24 bitches). Further pregnancy rate was 79.2% (19/24 bitches), and mean litter size was 4.5±3.6 puppies (from 1 to 11). Repartition of the litters according to their size was considered (Fig 3). Variations of the litter size according to the size, age and breeding management are presented in Fig 4. Pyometra recurred in 20.8% (5/24 bitches) during the following luteal phase: none of these five bitches was pregnant.

The story of

GENOA

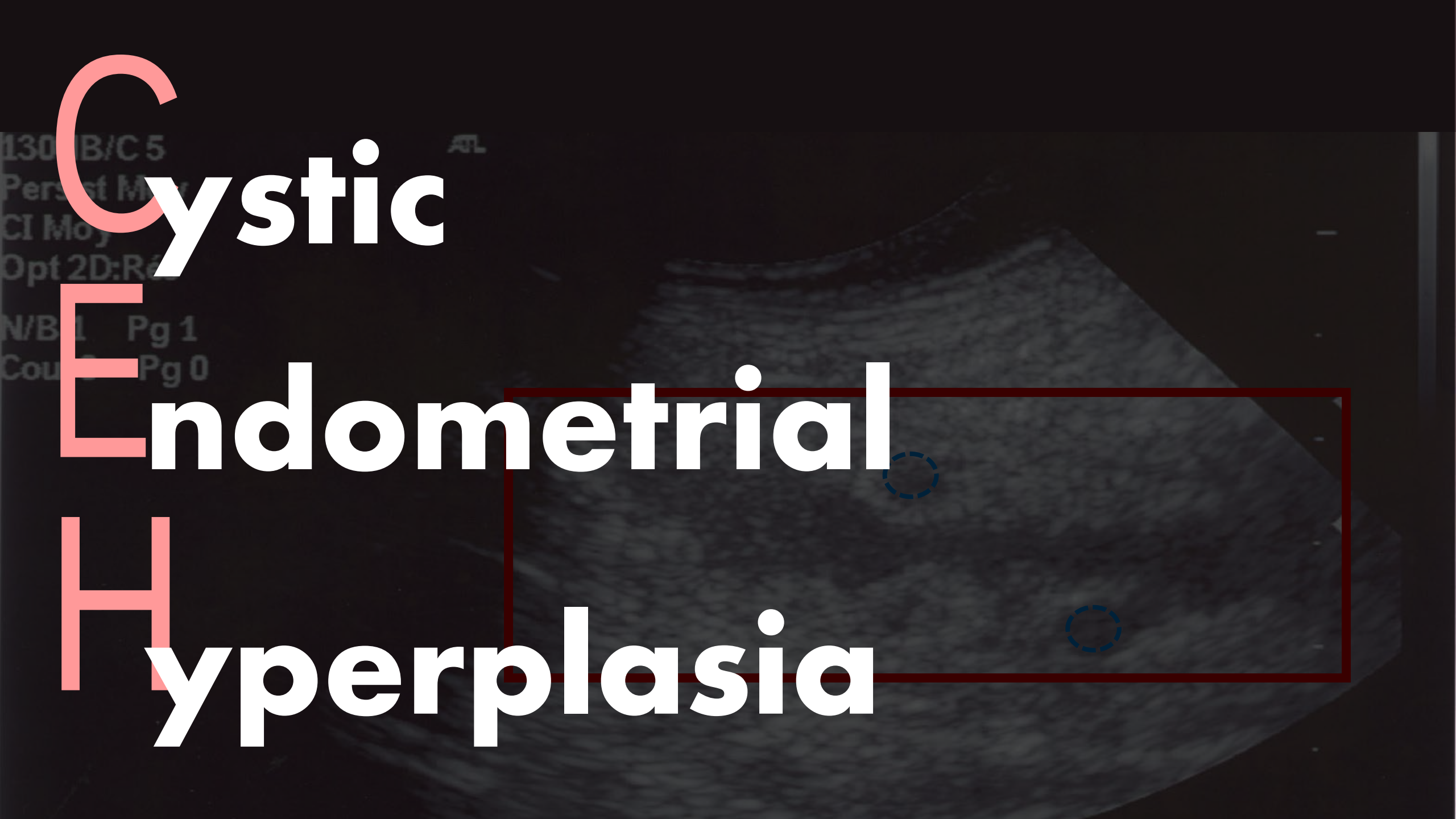
Medical Treatment: ***PGF2α + Aglepristone***

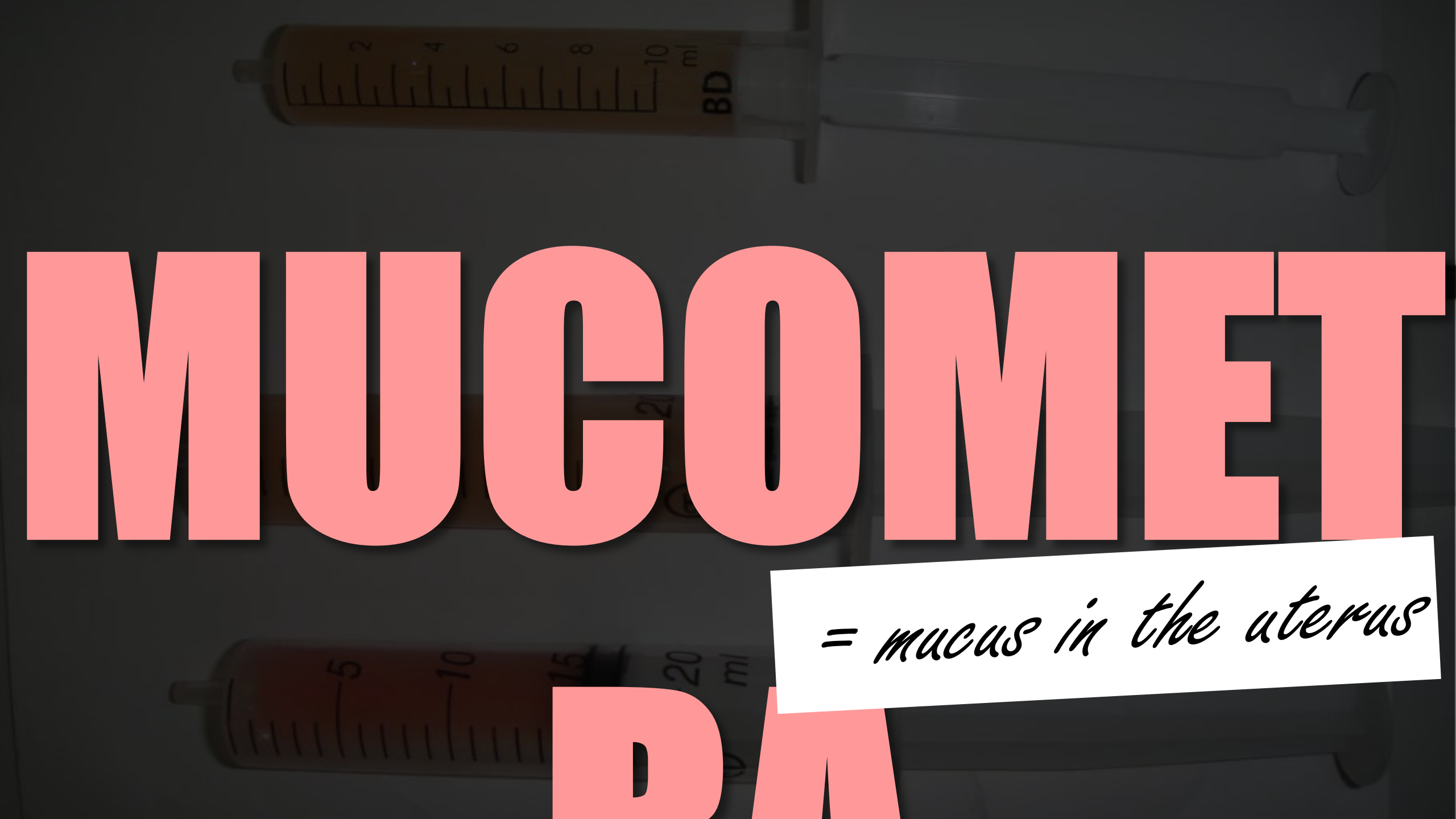

NO the end
of her reproductive career

The story of

MAEVA

Consulting for : *INFERTILITY*


Cystic
Endometrial
Hyperplasia


MUCOMET
= mucus in the uterus
BA

Absolutely

NOTHI...

The story of

ENDOMETRITIS

What w ***Uterine Biopsy***

J Am Vet Med Assoc. 2014 Jan 15;244(2):180-6. doi: 10.2460/javma.244.2.180.

Histopath ine biopsy samples from s cases (1990-2005).

Gifford AT[1], S

⊕ Author i

Abstract

OBJECTIV e d ine m subfertile bitches.

DESIGN: R

ANIMALS:

PROCEDU lua sar ete tories of dogs from w wer udi l hi ecorded. The prevale ter y a ze

RESULTS:] c cha etri %]) were the most preval atic ca ac minantly lymphocytic ma ud ns terized as having acut s, wa as was significantly eta g w ons among age groups.

CONCLUSIONS AND CLINICAL RELEVAN endometritis in this population of do hronic endometritis may be related to subfertility in sinophilic endometrial infiltrates wit e an important diagnostic finding in dogs with endometritis.

NSAI ...

Use of a nonsteroidal anti-inflammatory drug after insemination in bitches with previous infertility or pregnancy loss: a retrospective study in 15 bitches

Borges P. *, Maenhoudt C[illegible] Fontbonne A.
CERCA (Centre d'Etude en R[illegible] cole Nationale Veterinaire d'Alfort,
orges@vet-alfort.fr

CARPROFEN

MELOXICAM

during 5 days post AI

Combination of intrauterine insemination and nonsteroidal anti-inflammatory drugs administration is efficient method of achieving pregnancies in normal and subfertile bitches

Wojciech Niżański, Honorata Bodnar, Hanna Mila, Marta Gotowiecka
Department of Reproduction, Wroclaw University of Environmental and Life Sciences, Poland
wojtek.nizanski@gmail.com

MELOXICA

2-4d AND 15-17d post ovulation

M

The story of

MAEVA

Medical approach: ***Meloxicam after AIs***


NO the end
of her reproductive career

The story of

SEVERE FIBROSIS

Consulting for : *INFERTILITY*


The end
of her reproductive career
?!?

PLOS ONE

EMBRYO

LE

in *vivo* rec y

a u ric c hilur s e

as cted ulatio d

Seunghoon Lee☯, Minghui Zhao☯, Jingu No, Yoo oung Hur*

National Institute of Animal Science, RDA, Wanju

☯ These authors contributed equally to this work.
* tyohur@gmail.com

transfer


STEM
therapy
CELL

J Dairy Sci. 2014 May 15. pii: S0022-0302(14)00368-3. doi: 10.3168/jds.2013-7832. [Epub ahead of print]

Effect of trace mineral supplementation on selected minerals, energy metabolites, oxidative stress, and immune parameters and its association with uterine diseases in dairy cattle.

Bicalho ML[1], Lima FS[1], Ganda EK[1], Foditsch C[1], Meira EB Jr[1], Machado VS[1], Teixeira AG[1], Oikonomou G[1], Gilbert RO[2], Bicalho RC[3].

Fertil Steril. 2014 Mar;101(3):759-66. doi: 10.1016/j.fertnstert.2013.11.008. Epub 2013 Dec 17.

Female dietary antioxidant intake and time to pregnancy among couples treated for unexplained infertility.

Ruder EH[1], Hartman TJ[2], Reindollar RH[3], Goldman MB[4].

Vet Res Commun. 2003 Feb;27(2):159-74.

The influences of dietary intakes and supplementation with selenium and vitamin E on reproduction diseases and reproductive efficiency in cattle and sheep.

Hemingway RG.

Thank you for your attention !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