



UNIVERSIDADE DE BRASÍLIA

SECRETARIA DE ADMINISTRAÇÃO ACADÊMICA – SAA

EMENTA/PROGRAMA DE DISCIPLINA

ÓRGÃO RESPONSÁVEL: PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS ANIMAIS (PPGCA) / FACULDADE DE AGRONOMIA E MEDICINA VETERINÁRIA - FAV

CÓDIGO: XXX

Nº DE CRÉDITOS: 2

NÍVEL: Mestrado / Doutorado

Title: THERIOGEOLOGY II – Reproductive Biology of the Mare and Assisted Reproductive Technologies

SYLLABUS

Anatomy, physiology and endocrinology of the mare; Estrous cycle; The transitional mare; Pharmacological manipulation of reproduction; Techniques in reproductive examination; Diagnostic ultrasonography; Pregnancy, parturition and the puerperal period; Abnormalities of the female reproductive tract; **Problems of pregnancy; Disease of the uterus, ovary and oviduct; Problems of the cervix;** The mammary gland; Specific diagnostic and management techniques; Behavior; Embryos and oocytes.

BIBLIOGRAPHY

BOOKS

ALLEN, W.E. **Fertilidade e obstetrícia equina**. Ed. Varela. 1994.

BRINSKO, S.P.; BLANCHARD, T.L.; VARNER, D.D.; SCHUMACHER, J.; LOVE, C.C. **Manual of Equine Reproduction**, 3rd ed. 2011.

CUNNINGHAM, J.G. **Tratado de Fisiologia Veterinária**, Ed. Guanabara Koogan, 3^a ed. 2004.

DAVIES MOREL, M.C.G. **Equine Reproductive, Physiology, Breeding and Stud management**. 3rd ed. 2008.

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JOURNALS

Acta Scientiae Veterinaria

Andrologia

Animal Reproduction

Animal Reproduction Science

Arquivos Brasileiros de Medicina Veterinária e Zootecnia

Biology of Reproduction

Ciência Animal Brasileira

Ciência Rural

Endocrinology

Equine Veterinary Education

Equine Veterinary Journal

Journal of Equine Veterinary Science

Reproduction and Domestic Animal

Reproduction, fertility and development

Revista Brasileira de Reprodução Animal

Theriogenology

The Veterinary Clinics of North America: Equine Practice

WEB

www.periodicos.capes.gov.br

www.cbra.org.br

www.scielo.br

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COURSE CURRICULUM

- 1) Anatomy, physiology and endocrinology of the mare;
- 2) Estrous cycle;
- 3) The transitional mare;
- 4) Pharmacological manipulation of reproduction;
- 5) Techniques in reproductive examination;
- 6) Diagnostic ultrasonography;

7) Pregnancy, parturition and the puerperal period;

Abnormalities of the female reproductive tract;

8) Problems of pregnancy;

9) Disease of the uterus, ovary and oviduct;

10) Problems of the cervix;

11) The mammary gland;

12) Specific diagnostic and management techniques;

13) Behavior;

14) Embryos (embryo transfer, cooled transported embryo technology, freezing embryos, import and export embryos, nuclear transfer);

15) Oocytes (immature oocyte collection and maturation, mature oocyte collection, oocyte transfer, gamete intrafallopian transfer – GIFT, intracytoplasmic sperm injection – ICSI, oocyte cryopreservation).

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