

## Plantilla periodo de Formación. GEA de GERPAC

### A. Período de Formación

#### Fuentes de información o consulta de la especialidad obligatorias (o recomendadas\*)

##### Libros

- Canine and Feline Theriogenology. Johnston Shirley D, Root Kustritz MV and Olso Patricia NS. Ed. WB Saunders Company, Philadelphia. 2001
- BSAVA Manual of Canine and Feline Reproduction and Neonatology, 2nd edition. Gary England and Angelika von Heimendahl. 2010
- Pathways to Pregnancy and Parturition. Senger 2010
- Clinican Canine and Feline Reproduction. Evidence-based Answer. Margaret V. Root krustritz. Editorial Wiley-Blackwell. 2010
- Reproducción y neonatología canina y feline. Manuales clínicos de especialidad. Simon Marti Angulo. Editorial SERVET. 2011
- Neonatología y Pediatría canina y feline. Prats, A. Dumon, C. Ed Intermedica. 2004

##### Revistas

- \* Específicas de Reproducción animal:
  - Reproduction in domestic animals
  - Theriogenology
  - Animal Reproduction Science
- \* Generales de pequeños animals que puedan publicar en el área de Reproducción de pequeños animales:
  - Clínica de pequeños animales AVEPA
  - Consulta de Difusión Veterinaria.
  - Journal of Feline Medicine and Surgery
  - Journal of Small Animal Practice (JSAP)
  - Research in Veterinary Science.
  - Journal of Animal Science and Biotechnology.
  - Veterinary Clinics of North America Small Animal Practice.

##### Congresos

- \* INTERNACIONALES:
  - Generalistas con programa de especialidad: SEVC, AERA, WSAVA, etc.
  - Congresos Internacionales específicos de reproducción: EVSSAR
- \*NACIONALES:
  - GTA ,AVEPA, etc

En los últimos 5 años deberá haber asistido a un mínimo de 3 congresos de la especialidad o generalistas con programa de la especialidad (min. 20 h)

#### Cursos, Masters, Posgrados, etc.

- Talleres, cursos, jornadas o seminarios de la Especialidad con un mínimo de 20 horas.
- Realización de cursos de Posgrado/Master tipo General Practitioner Certificate in Small Animal Reproduction (Improve Ibérica) o similares, con un mínimo de 80 horas.

#### Otros Recursos

- Estancias tuteladas por Diplomados Europeos o americanos.
- Estancias en centros de reconocido prestigio, hospitales universitarios.
- Puntuará haber superado el European School of Postgraduate Veterinary Studies correspondiente al área de Reproducción de Pequeños Animales cómo General Practitioner Certificate in Small Animal Reproduction.

#### Objetivos de aprendizaje

Demostrar competencia en la valoración, planificación y ejecución de un protocolo de trabajo en el ámbito de la Reproducción y Obstetricia. Ello incluye:

- Conocer, comprender y explicar los fundamentos de cada una de las etapas implicadas en el proceso reproductivo, así como de la biotecnología reproductiva y las técnicas obstétricas.
- Gestionar adecuadamente los diferentes aspectos del ciclo reproductivo de los perros y gatos para su correcto manejo así como saber identificar y tratar las situaciones patológicas que se presenten en el neonato de la especie canina o felina.
- Ser capaz de interrelacionar diferentes conceptos y conocimientos para aplicarlos a tratamientos de control de la reproducción, de cara a su planificación, optimización y resolución de patologías, haciendo uso de las técnicas y tratamientos más adecuados.

Las competencias necesarias para la acreditación son:

- 1- Realizar métodos y procedimientos de exploración clínica y técnicas diagnósticas acordes a cada caso clínico reproductivo.
- 2- Interpretar con rigor los resultados obtenidos de los procedimientos y técnicas diagnósticas complementarias utilizados en reproducción de animales de compañía.
- 3- Reconocer y diagnosticar los distintos tipos de lesiones y asociarlos con procesos patológicos reproductivos concretos.
- 4- Diagnosticar y tratar las enfermedades de la reproducción de los animales de compañía.
- 5- Conocer y prescribir medicamentos habituales en la clínica de la reproducción de pequeños animales de una forma correcta y responsable de acuerdo con la legislación.
- 6- Atender urgencias relacionadas con los aspectos reproductivos de los animales de compañía.
- 7- Detectar en base a su conocimiento, observación e indicadores epidemiológicos, las enfermedades infectocontagiosas relacionadas con la reproducción más importantes.
- 8- Aplicar técnicas de reproducción asistida y hacer seguimiento y control de la gestación, parto y puerperio.
- 9- Aplicar los cuidados que garanticen el correcto funcionamiento del ciclo reproductor y la resolución de los problemas obstétricos.
- 10- Aplicar los cuidados que garanticen el correcto desarrollo de los recién nacidos.

En el apartado de Formación deberán alcanzarse el mínimo establecido en su día por el Comité de Acreditación de AVEPA, es decir  $\geq 105$ .

## B. Requisitos formativos previos a la realización de la prueba

### Número mínimo de casos y número mínimo en cada subcategoría obligatoria

50 casos seleccionados por ser representativos y evitando la repetición de casos similares de forma que la diferenciación pueda ser debida a la especie, el tipo de patología, cirugía, técnica anestésica y analgésica u otros elementos diferenciadores que permitan evaluar la amplitud de situaciones que domina el postulante.

Subcategorías:

- 25-30 en la especie canina de los que aproximadamente dos tercios se correspondan con patología reproductiva de la hembra y un tercio con patología reproductiva del macho.
- 10-15 en la especie felina
- 0-10 en biotecnologías aplicadas a la reproducción animal: Inseminación artificial, conservación seminal, FIV.
- 0-5 en otras especies (hurones, conejos, roedores, etc.)....
- 0-5 casos de pediatría /neonatología

### - Modelo de presentación de los casos (apartados y extensión)

Se enviarán a la secretaria del GERPAC por correo en formato papel por triplicado (una para cada miembro del tribunal) y también en formato pdf.

Se remitirán en Arial, Calibri o Times New Roman, 12 ptos., interlineado sencillo, justificado.

Se adjuntará a esta documentación:

- I. Curriculum Vitae resumido (máx. 3 páginas)
- II. Informe de conformidad del tutor
- III. Índice de los casos (agrupándolos por especie, sexo y patología)
- IV. Casos clínicos:
  - Extensión máxima 2-5 pág., incluyendo si es necesario tablas, figuras e imágenes. En cada caso se deberán seguir los siguientes apartados:
    - 1) Ficha clínica
    - 2) Anamnesis
    - 3) Exploración general
    - 4) Exploración reproductiva
    - 5) Diagnóstico diferencial
    - 6) Pruebas complementarias
    - 7) Resultado diagnóstico
    - 8) Tratamiento y evolución
    - 9) Discusión
    - 10) Bibliografía

## C. Realización de la prueba

### Formato teórico-práctico

Una evaluados y aprobados por el tribunal los casos clínicos del tutelado, se le comunicará a este cuales son los 5 casos seleccionados por el tribunal para su exposición y defensa.

El tutelado tiene la opción de elegir entre los 5 los dos casos que quiere exponer y defender, comunicando su decisión al tribunal con suficiente antelación.

Las preguntas serán orales y relacionadas con los casos, pero pueden incorporar aspectos básicos de anatomía, fisiología, patología, farmacología, etc.

#### **Examinadores acreditados (entre 3 y 5)**

Simón Martí  
Melania Santana Cruz  
M<sup>a</sup> Victoria Falceto Recio  
  
Xiomara Lucas (suplente)

### **BIBLIOGRAFÍA RECOMENDADA PARA LA ACREDITACIÓN (añadida posteriormente)**

#### **LIBROS:**

1. **Atlas de neonatología y pediatría en caninos** (2007): Sorribas C.E. Editorial Servet. Argentina.
2. **BSAVA Manual of Canine and Feline Reproduction and Neonatology** (2010): England GCW, Von Heimendahl A., Ed: BSAVA 2nd edition.
3. **Canine and Feline Endocrinology and Reproduction** (1987): Feldman EC, Nelson RW *WB Saunders*, Philadelphia.
4. **Canine and Feline Theriogenology** (2001): Shirley D. Johnston, Margaret V. Root Kustritz. Ed WB Saucers, Philadelphia.
5. **Clinical Canine and Feline Reproduction: Evidence-based Answers** (2010): Root Kustritz MV. Ed: Wiley-Blackwell.
6. **Manejo de colectividades caninas**. Número 98, junio 2009. Canis et felis.com
7. Marti S y cols (2011): **Reproducción y neonatología canina y felina. Manuales clínicos por especialidades**. Editorial Servet. Zaragoza. España.
8. **Medicina pediátrica en pequeños animales** (2013): Marti S y cols Editorial Servet. Zaragoza. España.
9. **Neonatología y pediatría canina y felina (2004)**: Antonio Prats. Editor: Inter-Médica. 1º edición. Argentina.
10. **Manual de endocrinología en pequeños animales BSAVA (2000)**: England GCW Eds: Torrance AG, Mooney CT. Ediciones.

#### **ARTÍCULOS:**

##### **ENDOCRINOLOGÍA DE LA REPRODUCCIÓN:**

##### **Canine:**

1. Concannon PW (2009): Endocrinologic control of normal canine ovarian function *ReprodDomest Anim.* 44 (Suppl 2):3-15
2. Concannon PW (2011): Reproductive cycles of the domestic bitch. *AnimReprodSci.* Apr;124(3-4):200-10.
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##### **Feline:**

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7. Tsutsui T, Stabenfeldt GH. (1993): Biology of ovarian cycles, pregnancy and pseudopregnancy in the domestic cat. *J ReprodFertil Suppl;* 47: 29-35.
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### **REPRODUCCIÓN ASISTIDA:**

#### **Canina:**

1. England GC, Moxon R, Freeman SL. (2012): Stimulation of mating-induced uterine contractions in the bitch and their modification and enhancement of fertility by prostatic fluid. *ReprodDomest Anim.* Dec;47Suppl 6:1-5.
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### **GESTACIÓN, PARTO y DISTOCIA EN LA PERRA Y LA GATA**

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### **PATOLOGÍAS Y CIRUGÍA REPRODUCTIVA E INFERTILIDAD DE LA HEMBRA**

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