



**European College of Animal Reproduction
(ECAR)
Education and Residency Committee (ERC)**

**Application for Recognition/Re-certification as Training Facility in Animal
Reproduction**

This questionnaire is designed to help the ECAR Education and Residency Committee decide if a facility meets the overall requirements for an ECAR-approved training programme in animal reproduction. It is not the aim of the ERC to judge facilities on the basis of equipment available or absolute case numbers. Information provided by the training facility should enable potential residents to assess in advance the level and emphasis of activities they can expect. In case the ERC has doubts that activities at a facility are sufficient for a training programme, a visit of an ERC member to the facility is recommended. The ERC will then suggest how the proposed programme can be improved either at the applying facility or through cooperation with other training facilities.

1. General information

Name of Facility	
Address	
Country	
Name of Programme Director responsible for training programme	
Phone	
e-mail	

1.1. Type of Facility

- ☐ University veterinary clinic
- ☐ Private veterinary practice/clinic
- ☐ Animal breeding facility (e.g. AI and/or ET centre, ...)
- ☐ Research facility
- ☐ Other (please specify): _____

1.2. Recognition as a training facility for the following subfield(s) of animal reproduction is requested.

- ☐ small animal reproduction
- ☐ ruminant reproduction and herd health
- ☐ porcine reproduction and herd health
- ☐ equine reproduction
- ☐ reproductive biotechnology

1.3. Supervisor(s) of residents

Please give name(s) of veterinarians acting as (official) supervisors of resident(s)

Name	Position within the facility	Diplomate (please circle)
		ECAR ACT. Other none
		ECAR ACT. Other none
		ECAR ACT. Other none
		ECAR ACT. Other none

Diplomates of ECAR and ACT (American College of Theriogenologists) are automatically approved as residents' supervisors, veterinarians who are neither Diplomate of ECAR nor ACT can under exceptional circumstances be approved as supervisors.

1.4. Residents trained in the facility

How many residents have been trained in the last 5 years?	
How many of those finished the programme?	
How many of those took the exam?	
How many passed the exam?	

2. Facilities and Equipment

2.1 (a) Ruminants (only complete if included in your training programme)

Please mark facilities that are available to your facility

☐	facilities and equipment for examination of cattle and for reproductive/obstetrical surgery in the standing cow
☐	facilities for obstetrics and surgery in the recumbent cow, ewe and goat
☐	ultrasound equipment for examination of the genital tract
☐	facilities and equipment for semen collection and evaluation in bulls, rams and bucks
☐	semen laboratory with equipment for semen freezing and storage of frozen semen
☐	equipment for collection and transfer of embryos and embryo laboratory
☐	ambulatory/herd health service
☐	

2.1 (b) Porcine (only complete if included in your training programme)

Please mark facilities and equipment that are available to your facility

☐	ultrasound equipment for examination of the genital tract
☐	facilities and equipment for semen collection and evaluation in boars
☐	semen laboratory with equipment for semen preservation storage of semen
☐	equipment for collection and transfer of embryos and embryo laboratory
☐	facilities for obstetrics and surgery in the recumbent sow
☐	ambulatory/herd health service
☐	

2.1 (c) Horses (complete only if included in your training programme)

Please mark equipment that is available to your facility

☐	stocks for examination and treatment of mares
☐	facilities and equipment for reproductive surgery under general anaesthesia, including inhalation anaesthesia in the recumbent horse
☐	ultrasound equipment for examination of the genital tract
☐	facilities and equipment for semen collection and evaluation
☐	semen laboratory with equipment for semen freezing and storage of frozen semen
☐	equipment for collection and transfer of embryos and embryo laboratory
☐	ambulatory/stud service
☐	

2.1 (d) Small Animals (only complete if included in training programme)

Please mark equipment that is available to your facility

☐	facilities and equipment for clinical investigation of the reproductive tract in female and male dogs, cats and other small companion animals
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☐	equipment for ultrasound of the reproductive organs in small animals, access to equipment for radiography and endoscopy
☐	facilities and equipment for reproductive surgery under general anaesthesia
☐	facilities and equipment for artificial insemination
☐	facilities and equipment for semen collection and evaluation
☐	semen laboratory with equipment for semen freezing and storage of frozen semen
☐	

2.1 (e) Reproductive Biotechnology (only complete if included in your training programme)

Please mark equipment that is available to your facility

☐	facilities for the examination of the reproductive organs in male and female animals of at least one species
☐	facilities and equipment for semen collection in at least one species
☐	semen laboratory equipped for analysis and preservation of gametes
☐	equipment for embryo collection and transfer, including an embryo laboratory and facilities for embryo cryopreservation
☐	equipment for micromanipulation of embryos and for in-vitro fertilisation
☐	facilities and equipment for in-vivo oocyte retrieval
☐	applied genomics, epigenetics
☐	

2.2. Support facilities

Please indicate in what way or by what facility the following support services are provided to your facility

<u>Service</u>	<u>How provided and/or through which facility</u>
Library (physical) with journals in reproductive medicine and national and international textbooks.	
Online library services	
Pathology and histopathology service	
Endocrinology laboratory	
Microbiology laboratory	
Diagnostic imaging service	
Database system available for record keeping and clinical audit	

3. Caseload and procedures performed

Approval of training facilities does not depend on the absolute number of clinical cases presented to that facility. However, ECAR-approved training must provide residents with the opportunity to obtain familiarity with the techniques for diagnosis, treatment and prevention of reproductive problems and with techniques in reproductive biotechnology.

How many of the following **reproduction cases** are presented to your facility annually? Please give numbers for subfield(s) to be covered at the facility. When exact numbers are not available give approximate numbers, e.g. average annual case numbers over the last 5 years.

Patients/Procedures	Number only reproduction cases
3 (a) Subfield Ruminant Reproduction and Herd Health	
How many cattle are presented to your facility? (incl. farm visits)	
How many small ruminants are presented to your facility?	
How many of these animals are obstetrical cases or animals with puerperal disorders? (on farm visit and hospital cases) ?	approx. %
How many of these animals are gynaecology/fertility cases?	approx. %
How many of these animals are andrology cases or presented for semen preservation?	approx. %
How many of these cases are perinatology cases?	approx. %
How many of these animals are presented with mammary gland problems?	approx. %
How many of these animals are presented for embryo transfer?	approx. %
Does your facility offer a herd health programme?	☐ yes ☐ no
How many farms participated in your herd health programme?	
What is the approximate total number of animals subject to study of reproductive indices (e.g. calving index etc) as part of routine herd health visits?	
Availability of external collaborations providing case exposure when on-site cases are lacking (list of partners)	

3 (b) Subfield Porcine Reproduction and Herd Health	
How many pigs (reproduction cases) are presented to your facility annually?	
How many of these animals are obstetrical cases or animals presented with puerperal disorders?	approx. _____%
How many of these animals are gynaecology/fertility cases?	approx. _____%
How many of these animals are andrology cases or presented for semen preservation?	approx. _____%
How many of these cases are perinatology cases?	approx. _____%
How many of these animals are presented with mammary gland problems?	approx. _____%
How many of these animals are presented for embryo transfer?	approx. _____%
Does your facility offer a herd health programme?	☐ yes ☐ no
How many farms participate in your herd health programme?	
Availability of external collaborations providing case exposure when on-site cases are lacking (list of partners)	

3 (c) Subfield Equine Reproduction	
How many horses and other equidae (reproduction cases) are presented to your facility?	
How many of these animals are obstetrical cases or animals with puerperal disorders?	approx. %
How many of these animals are gynaecology/fertility cases (including management of twin pregnancies)?	approx. %
How many of these animals are andrology cases or presented for semen collection?	approx. %
How many of these cases are perinatology cases?	approx. %
How many mares are presented for embryo transfer?	approx. %
Availability of external collaborations providing case exposure when on-site cases are lacking (list of partners)	
3 (d) Subfield Small Animal Reproduction	
How many dogs (reproduction cases) are presented to your facility?	
How many cats are presented to your facility?	
How many small companion animals excluding dogs and cats are presented to your facility?	
How many of these animals are obstetrical cases or animals with puerperal disorders?	approx. %
How many of these animals are gynaecology/fertility cases? (including AI, pre-breeding examination and mammary gland problems)	approx. %
How many of these animals are andrology cases or presented for semen collection?	approx. %
How many of these cases are perinatology cases?	approx. %
Availability of external collaborations providing case exposure when on-site cases are lacking (list of partners)	

3 (e) Subfield Reproductive Biotechnology	
What is the annual percentage of different species groups for reproductive biotechnology at your facility? cattle..... sheep/goats..... pigs..... small laboratory animals..... horses..... dogs/cats..... other, please specify_____	_____% _____% _____% _____% _____% _____% _____
Is embryo transfer performed at your facility?	☐ yes ☐ no
Is oocyte collection performed at your facility?	☐ yes ☐ no
Is embryo cryopreservation performed at your facility?	☐ yes ☐ no
How often is gamete cryopreservation performed at your facility?	____/ month ____/ year
Are gamete/embryo micromanipulation procedures (such as ICSI...) performed at your facility?	☐ yes ☐ no
Is sexing of embryos performed at your facility?	☐ yes ☐ no
Is semen analysis performed at your facility?	☐ yes ☐ no
Is analysis of embryos for genetic defects/genetic markers performed at your facility?	☐ yes ☐ no
Are cloning and gene transfers performed at your facility?	☐ yes ☐ no
List any other techniques you regularly undertake.	

4. Signature of the programme director

Date: .../.../....