

2023 BREEDERS WORKSHOP

REPRODUCTION PRACTICAL

FOCUS DAY



Up to data/research driven best practices and approaches to the most common issues faced by organizations that breed dogs

Note this program is subject to change as further details are confirmed.

WEDNESDAY 3 rd May	
8:00 to 8:05	Welcome and introduction
8:05 to 8:35	All about the boy <i>Speaker: Dr. Fiona Hollinshead</i> The morning session will focus on the canine stud including areas such as: <ul style="list-style-type: none"> • Getting a male comfortable for mating and collections • Assessing fertility in new potential stud- should we keep him? • Determination of common problems (palpation of the testes, difficulty getting a "tie", environmental influences)
8:35 to 10:00	Semen Collection and Analysis <i>Speaker: Dr. Fiona Hollinshead</i> There is value in using shared semen but how do you get started and how do you use it efficiently and effectively? This session will teach participants how to collect and analyse canine semen and how to problem solve when things do not go right <ul style="list-style-type: none"> • What is 'normal' • Steps to assessing semen: Basic and more advanced • Types of abnormalities and what do they mean? Should we use him for the mating? Do we need to retire him? • Flowchart- what went wrong- we thought the semen looked ok.
	Semen Collection and Handling This session will focus on the collection and handling issues that can alter semen quality including

	<ul style="list-style-type: none"> • Methods surrounding semen collection • The impact of environmental temperature • Media and materials for semen storage • How to store and prep the semen for shipping.
	Chilled and frozen semen What is the difference between chilled and frozen semen and how do you select the best method for your colony?
	How to freeze and thaw semen correctly How do you set-up for introducing semen freezing in your colony? What are the common problems that you encounter? Is it feasible for a small organization or should you rely on external companies?
10:00 to 10:15	Questions
10:15 to 10:45	Coffee Break
10:45 to 11:45	All about the brood <i>Speaker: Dr. Fiona Hollinshead</i> This session will focus on the female side of reproduction including <ul style="list-style-type: none"> • Ovulation timing - Should you still use cytology if you have access to progesterone testing? What to do when the progesterone just does not make sense. When would you mate? Are all progesterone machines the same? • Vaginoscopy - What is the value and how do you perform a vaginoscopy? What is required for the set-up? • General requirements for successful breedings • What are some of the common problems you may encounter? • Cystic endometrial hyperplasia, mucometra and cystic ovarian syndrome. • Vaginal cultures - how do you interpret and are they necessary? • Is mycoplasma really a problem?
11:45 to 12:00	Questions
12:00 to 12:30	Equipment for semen- collect, analyze and storage of chilled or frozen semen <i>Speaker: Minitube</i> What do you need to set up and how do you use it effectively? What is the best method of cleaning your equipment to keep it functioning long term?

12:30 to 13:30	Lunch Break
13:30 to 15:00	The art of insemination <i>Speaker: Dr. Fiona Hollinshead</i> This session will discuss vaginal artificial insemination (A.I.) vs Transcervical Insemination (TCI). <ul style="list-style-type: none"> • How to set up and what the procedures involve. • Video demonstrations of TCI inseminations – what is normal and easy, and tips and tricks for making it so.
15:00 to 15:30	Equipment for inseminations Demonstration of the basic and the “latest and greatest” in technological equipment for canine AI and TCI.
15:30 to 16:00	Coffee Break
16:00 to 16:30	What influences semen quality? <i>Speaker: Tom Lewis</i> Taking a look at the temporal trends in a number of semen traits. Genetic analysis of these traits and determination of heritability.
16:30 to 17:00	Colony management of fertility and reproductive health TBC
17:00 to 17:15	Questions

