IWDBA BREEDERS WORKSHOP

REPRODUCTION
PRACTICAL FOCUS DAY
PROGRAM
3RD MAY - VANCOUVER 2023

DAY & TIME	DETAILS

WEDNESDAY 3 MAY

WEDNESDAY
08:00

Welcome and Introduction

WEDNESDAY
8:05 to 8:35

All about the boy - with Dr. Fiona Hollinshead

This session will focus on the canine stud including areas such as:

- 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)

WEDNESDAY
8:35 to 10:00

Semen Collection and Analysis - with Dr. Fiona Hollinshead

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

- 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

- Methods surrounding semen collection
- The impact of environmental temperature
- Media and materials for semen storage
- How to store and prep the semen for shipping.

Note: This program is subject to change as further details are finalized.

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?

WEDNESDAY 10:00 to 10:15 — **Questions**

WEDNESDAY 10:15 to 10:45 — **Coffee break**

WEDNESDAY 10:45 to 11:45 — **All about the brood - with Dr. Fiona Hollinshead**

This session will focus on the female side of reproduction including

- 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?

WEDNESDAY 11:45 to 12:00 — **Questions**

WEDNESDAY 12:00 to 12:30 — **Equipment for semen- collect, analyze and storage of chilled or frozen semen - TBC**

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?

Note: This program is subject to change as further details are finalized.

WEDNESDAY
12:30 to 13:30

Lunch break

WEDNESDAY
13:30 to 15:00

The art of insemination - with Dr. Fiona Hollinshead

This session will discuss vaginal artificial insemination (A.I.) vs Transcervical Insemination (TCI).

- 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.

WEDNESDAY
15:00 to 15:30

Equipment for inseminations - TBC

Demonstration of the basic and the "latest and greatest" in technological equipment for canine AI and TCI.

WEDNESDAY
15:30 to 16:00

Coffee break

WEDNESDAY
16:00 to 16:30

What influences semen quality? - with Tom Lewis

Taking a look at the temporal trends in a number of semen traits. Genetic analysis of these traits and determination of heritability.

WEDNESDAY
16:30 to 17:00

Colony management of fertility and reproductive health - with Clover Williams

WEDNESDAY
17:00 to 17:15

Questions

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