

SCHULTZ VETERINARY CLINIC

2770 Bennett Road

Okemos, MI 48864

(517) 337-4800

www.schultzvetclinic.com

CHILLED CANINE SEMEN COLLECTION AND SHIPPING PROTOCOL

Dear Doctor and/or Stud owner:

We have been advised by our client, _____, that you will be performing canine semen collections in the near future for shipment to our facility for artificial inseminations. If you need information or would like to order shipping kits, please call our preferred supplier, Synbiotics Corporation in Kansas City, Missouri. Their phone number is 1-800-228-4305. These kits will be shipped directly to any licensed veterinarian. This letter is to convey our recommendations as intrauterine inseminations will be performed on the bitch. We employ both surgical and transcervical techniques with the use of chilled canine semen samples. Generally speaking, surgical inseminations require only one collection and transcervical breedings most often will necessitate two separate semen collections on different dates if and when logistically feasible.

Regarding semen collections that will be done Mondays through Fridays for inseminations that will occur on Tuesdays through Saturdays, we request that you fractionate the semen collection, and using a urine setting, centrifuge the sperm rich fraction for approximately 10 minutes (Synbiotics separating solution to be used if available) resulting in a soft plug. Pipette off the supernatant and extend the resulting plug to **2cc or less** with the extender of your choice. It is preferable that you send us a total sample of 2.0 cc or less because the carrying capacity of the uterus will not hold a larger volume - no matter what breed. If centrifugation is not possible OR the insemination is to be collected on a Friday or Saturday for a Monday insemination, please extend the SRF to **8cc or 9cc** for shipment as the cells require more nutrients under this extended transit time. Under these circumstances, we will then centrifuge the shipped sample prior to the insemination to decrease the volume. Sperm cells will be a bit more fragile after being cooled during shipment. In turn, there is slight potential for decreased quality in this situation, but most samples are acceptable and can be used with favorable results. **IF A SITUATION EXISTS WHERE THE STUD DOG MAY NOT BE AVAILABLE FOR AN ANTICIPATED BREEDING OR THERE ARE ISSUES WITH DELAYED OVULATION TIMING RESULTS, PLEASE INQUIRE ABOUT PERFORMING AN EARLY SEMEN COLLECTION - WE NOW HAVE THE OPTION OF EXTENDING A CHILLED SEMEN SAMPLE OVER TIME SO THAT A BREEDING MAY BE ACCOMPLISHED EVEN IF THE STUD IS TEMPORARILY UNAVAILABLE!!**

We also request that you send a collection report with the sample detailing the date and time of collection, semen evaluations before and after dilution, and any other pertinent information. **Please label the sample, including the name of the stud dog, stud owner's name, breed, date and time of collection.** This

information is important as we attempt to provide the bitch owner visual confirmation of the sample identification prior to inseminations. We are always hesitant to inseminate using a sample that has arrived without identification.

Regarding shipping, we prefer the use of Federal Express as a courier and their priority overnight service option for all weekday deliveries. If you anticipate the use of any other company, please inform the bitch owner so that this information can be passed along to us to avoid confusion. Please fax a copy of the air bill used for shipping to our office as soon as possible after the collection is packaged for transfer. Our fax number is (517) 337-1874 and is available 24 hours a day. This will provide the tracking number that we can use if your shipment is delayed. You may wish to consider extra insurance for the shipment to cover costs over \$100 in case of delay or loss by the courier.

PLEASE NOTE: If you are collecting the stud dog on Friday or Saturday for a Monday delivery, simply mark your courier airbill for the priority overnight delivery option and submit the package to your courier that same day. The package will be delivered to us on the following Monday, couriers do not make deliveries on Sundays.

If you will be shipping a collection for Saturday delivery, we request that on the air bill, you mark the option "**HOLD FOR PICK-UP AT FED EX OFFICE**". Recipient's name: **SCHULTZ VETERINARY CLINIC**. Please ship to Lansing Fed Ex office, 5930 Enterprise Drive, Lansing, MI, 48911. We also request that for Saturday deliveries, it is mandatory that a copy of the air bill is faxed to (517) 349-9876 and (517) 337-1874 as soon as possible on Friday night. You will be faxing to two different numbers for Saturday deliveries because our schedules vary as to where we pick up these notices. Our office is not officially open on Saturday or Sunday – shipments need to be pre-approved by the inseminating veterinarian and our staff will be responsible for picking up the shipment at our local Federal Express office provided that we receive timely notification. **IMPORTANT** - If we do not receive a fax notice(s) from you, we will not pursue this breeding.

Because Sunday shipment is difficult due to current airline regulations, we will recommend alternative options on a case by case basis.

One additional note – please be aware that for any AKC or UKC chilled semen breedings, the stud dog must have a DNA profile number established or pending for use in registration matters.

Thank you in advance for your help and cooperation in this venture. If you have any questions or concerns, we would appreciate hearing from you at any time.

Sincerely,

William E. Schultz, D.V.M.