

Today will be about: Breeding Types

Attached is Family Friend's Breeding Agreement as a refresher.

Background: Family Friends does not breed cats, just dogs. We test progesterone levels to monitor for ovulation. Ovulation is 5ug/mL (on our machine- Immulite).

CSRs- When scheduling a first progesterone, schedule with only a reproductive Dr. (RC2, KJ, LW, MC, DC). If a client calls to schedule a breeding with progesterones run at another clinic, they should speak with a reproductive technician. We will likely want to run one in house before breeding.

These pets need up to date records just like any other. Please contact their normal vet for records if not up to date. You can also send them the breeding agreement via Weave when scheduling an appointment.

Assistants- TA will likely be asked to help with restraint for the collection and the breeding. Depending on the type of breeding chosen, TCI set up and tear down will likely be needed. Please see Susan, Sydney, Nelae or a Team Lead if you need instruction on doing this.

ERTs/LVNs- You are a vital part of the documentation for any breeding type. It is your responsibility to assist your Dr with the procedure and documentation of it.

Medical Note- Reproductive Procedure: Bitch and Reproductive Procedure: Stud (if the stud is collecting here)

Questions to ask:

Have they been bred before? If yes, how?

Will the male be present for a collection (fresh semen)? If no, what type of semen will we be using. If frozen, the repro techs need to know ASAP (ideally before the client leaves the building so they can sign paperwork).

We do not recommend using frozen semen or doing a surgical insemination on a maiden bitch.

Live Cover- Progesterone level 5ug/mL; This breeding is the same as "natural breeding". The bitch and stud will tie on their own with minimal help for the owner or breeder. We do not assist in this process but do like to document it.

Vaginal Insemination- Progesterone level 5ug/mL; Prepare- polypropylene catheter, collection tube x2, collection sleeve x2, non-sterile gloves for DVM and lube; The semen is

collected and placed into the vaginal canal. From there it will swim to the uterus. Semen can live in the body for 5-7 days; We recommend 2-3 Vaginal Inseminations.

Transcervical Insemination- Progesterone level (fresh/fresh chill)12-16ug/mL or (frozen) 18-22ug/mL; Prepare- collection tube x2, collection sleeve x2, non-sterile gloves for DVM and lube, TCI scope, TCI catheter (3Fr or 5Fr), TCI shunt (S, M or L), small tube of extender; The semen is collected and spun down to the most semen rich portion (2ml). The shunt is inserted into the vaginal canal and inflated to imitate a natural tie. The TCI scope is run through the shunt into the vaginal canal. Once the cervix is visualized, the TCI catheter is placed through the scope and through the cervix (this is HARD and kind of like watching the Dr's play a very hard video game). The semen is then pushed through the catheter directly into the uterus, flushed by either the remaining semen or extender. We recommend 2 Transcervical Inseminations.

Surgical Insemination- Progesterone level (fresh/fresh chill)12-16ug/mL or (frozen) 18-22ug/mL; Prepare- collection tube x2, collection sleeve x2, non-sterile gloves for DVM and lube, Surgery suite, spay pack, sterile gloves for DVM, 22g needle, sterile semen syringe, tomcat catheter, propofol for induction and butorphanol for pain control; The semen is collected and spun down to the most semen rich portion (2ml). This semen is placed in a tube and drawn up sterilely by the DVM. This procedure is very much like a spay. The uterus is exposed, and semen is injected directly into the uterine horns; We will not perform this procedure on a maiden bitch and this procedure success rate is slightly lower than TCIs so we do not recommend it often. We will however perform Surgical Inseminations on dogs that have not gotten pregnant with TCIs or who we suspect may have cysts or some other issues with the reproductive tract that we need to investigate.

After any type of breeding, we encourage the owner to not let dogs urinate for 2 hours.