



Melissa Prell, DVM, MS, DACT
Cesare Galli, DVM
Giovanna Lazzari, DVM
Ed Squires, PhD

Providing you with the most advanced services in Equine Reproduction

EXPAND YOUR OPTIONS WITH ICSI

ICSI: Intracytoplasmic Sperm Injection

WHAT IS ICSI?

- ❖ Oocytes (eggs) are collected directly from the ovaries.
- ❖ A single sperm is injected into each oocyte.
- ❖ A percentage of those injected oocytes will become blastocysts (early-stage embryos).
- ❖ Embryo can then be transferred immediately or frozen for future transfer.

WHY USE ICSI?

- ❖ The convenience of scheduling a single Ovum Pick-Up (OPU) session for busy performance mares VS the breeding and flushing schedule necessary for Embryo Transfer (ET).
- ❖ Some embryo transfer mares fail to continue producing an embryo.
- ❖ Failure of the mare to develop a follicle and ovulate.
- ❖ Cervical or uterine problems that prevent the mare from becoming pregnant.
- ❖ The stallion only produces a small amount of high-quality semen because of age, disease, or injury.
- ❖ The stallion has died, and the amount of semen is limited.

FEE SCHEDULE:

Follicle Aspiration (OPU).....	\$1,020.00
ICSI (Sperm Injection)	\$575.00
Embryo Culture (Transferrable Blastocyst)	\$850.00/each

Follicle Aspiration (OPU) is considered an invasive medical procedure with potential risks.



2024 Transvaginal Follicle Aspiration Contract and Release

Peterson Smith Advanced Fertility Center, hereafter known as PSAFC, agrees to collect oocytes via transvaginal follicle aspiration from the donor mare listed below for subsequent intracytoplasmic sperm injection at PSAFC, or to be shipped to an ICSI facility of the owner's choosing.

Name of mare	Breed	Age	Registration #
--------------	-------	-----	----------------

SERVICES DESIRED

- | | |
|---|--|
| <input type="checkbox"/> ICSI w/ fresh or cooled semen | <input type="checkbox"/> Auto-transfer back into donor |
| <input type="checkbox"/> ICSI w/ frozen semen | <input type="checkbox"/> Transfer into owner recipient |
| <input type="checkbox"/> Transfer all fresh embryos produced | |
| <input type="checkbox"/> Transfer #___ fresh, freeze the rest | |
| <input type="checkbox"/> Freeze all embryos produced | |
| <input type="checkbox"/> Ship all embryos produced to | |

Name: _____

Address: _____

Phone: _____

By entering into this contract, the Owner/lessee agrees to the following conditions and charges when applicable:

1. To pay Equigea a one thousand twenty dollars (\$1,020.00) fee per transvaginal follicle aspiration (TVA) to collect oocytes, as well as subsequent fees including but not limited to intracytoplasmic sperm injection, embryo culture fee per embryo, shipment of oocytes, recipient mare contract/lease fee, transfer or embryo freezing fees from the donor mare whose name appears above for the current breeding season (defined as Jan 1st – Dec 31st) only.

2. Owner/lessee also agrees to pay for all veterinary fees associated with routine or emergency care of the donor mare. These expenses include but are not limited to board, ultrasound examinations for aspiration planning, farrier services, wound care etc.

3. If a different owner/lessee wishes to harvest oocytes from the donor mare identified in this contract, the new owner/lessee must enter a **NEW** mare contract with Equigea.

4. The Owner/lessee understands that Equigea makes no guarantee that oocytes will be recovered, as well as that any recovered oocytes will mature to be injected and later result in a positive pregnancy in the recipient. It is also understood that the donor mare's age and oocyte quality significantly affect the chances of success. ICSI produced embryos have a higher rate of early embryonic loss (EEL), and therefore initial positive pregnancy does not always result in the birth of a live foal.

5. Any embryos that are frozen as a result of ICSI, as well as any remaining frozen semen used for the procedure can be stored at PSAFC or shipped out to a facility of the owner/lessee's choosing. If stored at PSAFC the owner/lessee is responsible for paying any and all storage fees.

6. Splitting any collected oocytes and injecting with multiple stallions can only be performed when a minimum of **6** oocytes per stallion have been noted to have fully matured on the day of the scheduled injection. Injection fees will be charged based on the number of stallions used. (For example: Splitting between 3 stallions → ICSI injection fee of \$575.00 x 3)

7. The Owner/lessee acknowledges that TVA is considered an elective invasive procedure that carries significant risks. Complications of this procedure include but are not limited to rectal tears, bleeding, ovarian infection/abscesses, peritonitis and even possible death. Equigea and its partners will not be held responsible for injury, illness or death of client animals while housed at PSAFC. We recommend giving the mare the day after aspiration off from work, with a slow return to normal level of activity over the following two days. Some mares may experience mild signs of discomfort following an aspiration which can be normal, however, careful monitoring is vital to ensure more serious complications do not arise.

8. In the event that PSAFC determines that the donor mare needs to be transferred to our Peterson Smith referral hospital for medical or surgical treatment, the Owner/lessee is responsible for all charges. PSAFC will make reasonable efforts to contact the Owner/lessee in the event that such transfer is required; however, if Owner/lessee cannot be immediately reached, Owner/lessee hereby authorizes PSAFC to initiate such transfer, care and treatment.

9. To pay all charges related to the Donor mare in full at the time of discharge. Equigea reserves the right to refuse service at any time at its discretion.

By signing below, I acknowledge and agree to comply with the terms and conditions stated above. Further, I authorize PSAFC to act as temporary agent on my behalf pursuant to paragraph 6 above should the mare require emergency medical or surgical treatment. This contract is subject to the laws of the State of Florida.

Name

Address

City, State Zip Code

Phone number E-mail Address

Signature Date