



15107 SE 47th Avenue
Summerfield, FL 34491
Tel: (352) 307-3000
Fax: (352) 307-3003
Email: erc@petersonsmith.com
Website: www.equigea.com

Phil Matthews, DVM
Ed Equires, PhD
Cesare Galli, DVM
Giovanna Lazzari, DVM

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.

WHAT ARE THE RISKS?

- ❖ There is a possibility of rectal tear, which can result in the hospitalization or death of your mare Any time a transrectal palpation procedure is performed, including OPU.
- ❖ There is a possibility of bleeding from a major vessel as a result of OPU which may result in hospitalization or death of your mare. We have not had this occur; however, it has been reported in one mare in the literature.
- ❖ There is the possibility of ovarian infection, including ovarian abscess, after OPU which may result in hospitalization, removal of the ovary, or death of your mare. Mares receive antibiotics after OPU, but it is still a concern.
- ❖ There is the possibility of peritonitis (infection of the abdominal cavity) which may result in hospitalization or death of your mare. The antibiotics administered are used prevent this.

Fee Schedule:

Follicle Aspiration (OPU).....	\$900.00
ICSI (Sperm Injection)	\$500.00
Embryo Culture (Transferrable Blastocyst)	\$750.00/each