

# EMBRYO TRANSFER and Assisted Reproductive Techniques



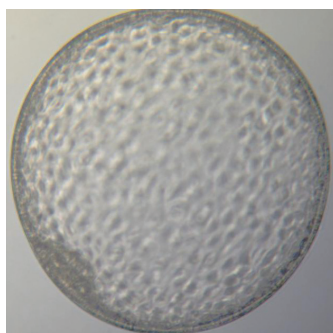
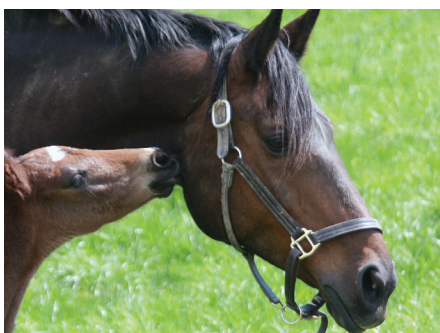
## Embryo Transfer

Embryo transfer is a proven reproductive technique that places a donor mare's fertilized embryo into the uterus of a recipient mare that has been correctly synched with the donor mare's cycle. The use of embryo transfer is ideal for older mares that cannot carry a foal to term, performance or show mares busy in competition, or valuable mares from which multiple pregnancies are desired.

## Donor Mare Management

*At SBS-VS, we can manage and flush your donor mare for an embryo, package and ship the embryo to a recipient herd, utilize your own recipient mare, or place the embryo into one of SBS-VS's recipient mares.*

- Meticulous donor mare management improves embryo collection success
- Trailer in appointments available for ET flushes on mares managed off-site
- Cryopreservation and storage available for embryos not transferred
- Complete management from donor breeding through established pregnancy in a recipient offers favorable pricing for the entire ET procedure



## Recipient Mare Management

*SBS-VS has a growing herd of fertile recipient mares. Our recipients are housed and treated like donor mares and to pass our recipient screening process they must be easy to catch, handle and manage.*

- Direct non-surgical transfer of a freshly donated embryo
- Direct non-surgical transfer of an embryo collected off-site locally or cooled-shipped embryos from a distant location
- Thawing, evaluation, and transfer of vitrified and cryopreserved embryos

## Oocyte Aspiration

SBS Veterinary Services strives to bring the latest state of the art reproductive technologies to breeders in the Mid-Atlantic Region. We are pleased to announce the addition of Trans-Vaginal Oocyte Aspiration (TVA), also known as Ovum Pickup, to our line of mare management services. TVA shows promise in producing foals from the most reproductively challenging mares or from stallions with limited frozen semen reserves. This new service involves TVA of mature equine oocytes from donor mares and subsequent shipment to one of three nationally recognized laboratories for Intra-Cytoplasmic Sperm Injection (ICSI). The resulting embryos are developed in vitro to a blastocyst stage that can then be transferred back into recipient mares here at SBS-VS or vitrified (frozen) for later transfer. Dr. Scofield is happy to discuss the process, provide a detailed description of the procedure and the costs associated for interested clients.



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