

# **BROODMARE ADMISSION SHEET**

## **Mare Information**

Registered Name: \_\_\_\_\_

Barn Name: \_\_\_\_\_

Feed Instructions: \_\_\_\_\_

Breed: \_\_\_\_\_

Age: \_\_\_\_\_

Other Instructions: \_\_\_\_\_

Color: \_\_\_\_\_

## **Health History**

**Dates Required**

**Coggins:** \_\_\_\_/\_\_\_\_/\_\_\_\_ (Please Provide Copy)

**EWT:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**West Nile:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Strangles:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Rabies:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Flu/Rhino** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Last Deworming:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Hoof Care:** Yes ☐ No ☐

Date of last farrier visit: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Dental Check:** Yes ☐ No ☐

Date of last dental check: \_\_\_\_/\_\_\_\_/\_\_\_\_

If dental, vaccinations or hoof care is not documented, EMS will perform as necessary without notification to ensure the comfort and safety of all horses in our care.

## **Breeding Information**

Maiden: ☐

Cultured-Clean: ☐

Cultured-Infected: ☐

Foal by side: ☐

Please explain breeding history: \_\_\_\_\_

## **Services Requested**

Breed to carry: ☐

Embryo Transfer: ☐

Oocytes/ICSI: ☐

1. Stallion: \_\_\_\_\_

Fresh: ☐ Frozen: ☐

Stallion Contact Information: \_\_\_\_\_

2. Stallion: \_\_\_\_\_

Fresh: ☐ Frozen: ☐

Stallion Contact Information: \_\_\_\_\_

## **Owner/ Contact Information**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Address: \_\_\_\_\_

Main Contact/Agent:

Name: \_\_\_\_\_ E-Mail: \_\_\_\_\_ Phone: \_\_\_\_\_

## 2024 Embryo Transfer Contract

This Contract made on \_\_\_\_\_, 20\_\_\_\_, by and between **Equine Medical Services, Inc.**, a Missouri Corporation, hereinafter called “**EMS**”, and \_\_\_\_\_, hereinafter called “**Owner**”, both of whom are hereinafter called the “**Parties**”.

### **Recitals:**

**EMS** is in the business of equine embryo transfer.

**Owner** desires to enter a contract with EMS for such services.

**Therefore, the Parties agree as follows:**

1. Owner shall deliver its mare, the “Donor Mare”, named \_\_\_\_\_, to EMS in Columbia, Missouri. Upon delivery, EMS shall initiate the process of embryo production and recovery. EMS shall attempt to flush the embryos from the Donor Mare, evaluate the embryos, and if apparently healthy and an appropriate recipient mare is available, insert the embryos into the uterus of suitable “Recipient Mares”, prepared and owned by EMS.
2. Upon the signing of this Contract, Owner shall pay to EMS a \$1,350.00 non-refundable (under any circumstances) annual enrollment fee. Said fee shall be considered payment for **only** the following services: palpation, ultrasound examination, artificial insemination (not including stallion fees and semen transport fees) performed between February 1, and December 1, 2024. Owner will pay \$500 for each embryo recovery flush and \$250 for each embryo transfer. Owner will be charged standard veterinary fees for uterine treatment and GNRH agonists if they are deemed necessary based on the separate judgment of EMS. Use of frozen semen will be charged \$90 per cycle. In addition, owner agrees to pay veterinary fees deemed necessary for proper breeding and health management. This nomination fee is not transferable to another “Donor Mare” nor is the nomination fee for this “Donor Mare” transferable to another owner.
3. Upon each Recipient Mare reaching 30 days of gestation with a viable pregnancy, Owner shall pay to EMS \$4,350.00. EMS shall start charging boarding fees for the Recipient Mare after she reaches 30 days gestation at the rate of \$21.00 per day. The Owner may, and is encouraged to, transport the Recipient Mare any time after she reaches 30 days of gestation. Board for recipient mares after 60 days of gestation will be charged at the rate of \$23.00 per day and after 90 days of gestation board will be \$25.00 per day.
4. Owner shall return each Recipient Mare to EMS in good health within 6 months following foaling. If Owner is unable to so-return the Recipient Mare due to the death of the mare, Owner agrees to pay EMS \$2,000 (\$3,250 if the Recipient Mare is a draft or draft cross mare), and to supply EMS with a letter from the examining veterinarian stating findings at the time of the death of the Recipient Mare. If Owner fails to return the Recipient Mare for any other reason Owner agrees to pay EMS \$5,000.00 (\$6,000.00 if the Recipient Mare is a draft or draft cross mare).
5. It is expected that each Recipient Mare will deliver a live foal (defined for this purpose as able to stand and nurse within 24 hours after birth). If, after 30 days gestation, a Recipient Mare loses the pregnancy, the Owner will receive a \$2,000 credit towards future services. The Recipient Mare must be returned and a letter from the examining veterinarian stating findings at the time of loss must be presented for the credit to be issued. No credit will be issued if the loss is due to an inherited genetic defect such as, but not limited to, lethal white syndrome.
6. If EMS is in possession of Donor Mare, Owner shall pay as billed by EMS as follows:
  - a. for pasture boarding, \$27.00 per day;
  - b. for stall boarding, \$27.00 per day;
  - c. for mare and foal boarding, \$29.00 per day.

All boarding arrangements are on a first-come, first-serve basis. Paddock boarding may only be available from March 15 through September 15. If Owner has not transported Donor Mare from EMS within 30

days of cessation of reproductive procedures, the above board rates will be doubled from that time forward.

7. EMS recommends to Owner that Owner insure Donor Mare, Recipient Mare and the embryo against all losses and risks of every kind, nature and description. Owner shall indemnify and hold EMS harmless with respect to said losses and risks. The parties agree and understand that during the period that EMS is in possession of the Donor Mare, good practice and health considerations may require medical or farrier treatment for unforeseen or emergency conditions. Therefore, during the term of this agreement, owner hereby grants to EMS the right and authority, based upon its separate judgment, to have the Donor Mare treated or shod at any time. Owner shall pay/reimburse EMS for the cost thereof. Owner also agrees to be financially responsible for veterinary expenses of the Recipient Mare after 30 days of gestation.

8. All notices required by this Contract shall be given as follows: if to EMS, then, Equine Medical Services, Inc., 5851 Deer Park Road, Columbia, MO 65201-9751; if to Owner, then the address shown at Owner's signature.

9. Owner understands and agrees that EMS is not responsible for the expense of stallion fees, transporting semen, or semen containers. Further, Owner understands and agrees that EMS is not responsible for registration or blood-typing of the resultant foal.

10. Owner understands and agrees that many factors impact upon successful embryo recovery and/or implantation and that although EMS shall use its best efforts to perform the services required by this Contract, EMS does not guarantee success of the procedures. If EMS is unable to either recover and/or if the transfer does not result in a pregnancy, Owner's damages shall be limited to EMS's continuing obligation to complete the same subject to the following limitations (all at the Owner's sole expense and risk):

If EMS is unable to recover an embryo from the Donor Mare, EMS or Owner shall have the right to declare this Contract terminated. In such event, Owner shall (a) pay to EMS all sums due under this Contract and (b) arrange for the transportation of Donor Mare (at Owner's sole expense and risk) to Owner. As a further limitation, if any recovery or transfer of an embryo were unsuccessful, EMS's continuing obligation to complete the same shall terminate at the end of the calendar year. Thereafter this Contract shall be deemed terminated and the Parties shall have no further obligations to one another.

11. Owner agrees to place a valid credit card on file with EMS for payment of the fees in this contract.

12. EMS reserves the right to refuse or suspend service when the Owner's account is past due.

13. It is specifically understood and agreed between the Parties that prior to the transporting of the Recipient Mare or the Donor Mare from EMS, all charges for services rendered in this Contract shall be paid in full. Further, by filing this Contract along with a detailed itemization of the unpaid charges owed to EMS by Owner, EMS shall have a possessory lien on the Donor Mare as well as the Recipient Mare and the fetus.

14. It is specifically understood and agreed between the Parties that if an appropriate recipient mare is not available at the time of embryo recovery, the embryo will be frozen to be stored until a recipient mare is available at a time agreeable to both Parties. Owner agrees to pay all fees involving freezing, storing, and thawing the embryo.

15. With regard to the transportation of the Donor Mare and the Recipient Mare, all risk of loss shall be borne by Owner, and Owner shall pay all transportation expenses. Three business days notice must be provided to EMS by Owner prior to discharge of Donor or Recipient mares to allow for processing of mares and paper work. All Donor Mares and Recipient Mares shall be picked up and delivered during regular business hours. Owner agrees to pay EMS \$75 for each delivery or pick up not during regular business hours.

16. It is specifically understood and agreed between the Parties that if an embryo leaves the

program whether shipped to another facility, shipped as a frozen embryo, or transferred to the Owner's recipient mare, Owner will pay to EMS \$1,000 per embryo.

17. It is understood by the Parties that if the owner desires that an embryo be frozen, Owner will pay EMS \$250.00 for that service as well as a monthly storage fee. It is further understood that when the embryo is transferred to a Recipient mare in the future Owner will pay the Recipient Lease fee currently in force at EMS for that year.

18. It is specifically understood and agreed between the Parties that if Owner desires embryo biopsy and Pre-Implantation Genetic Diagnosis (PGD), Owner will pay to EMS \$500.00 for that service. It is further understood by the Parties that the success of embryo biopsy and PGD relies on many factors and while EMS will use its best efforts toward the success of the procedures, EMS does not guarantee results of those procedures. The Parties agree that if a pregnancy is to be terminated before 30 days of gestation due to the results of PGD, Owner will pay EMS \$500.00 for the use of the recipient mare during that cycle.

18. For all purposes, this Contract shall be deemed to be negotiated, made and signed in Boone County, Missouri and the laws of Missouri shall control. At EMS's election, any litigation regarding the Contract shall occur in Boone County, Missouri.

19. This Contract is the final and complete agreement of the Parties and there are no other terms of the Parties in agreement other than those contained in this document.

20. This Contract shall be binding upon the Parties and their respective heirs, personal representatives, successors and assigns.

**As Evidence** of This Contract, the Parties have signed and dated this Contract as indicated below.

\_\_\_\_\_  
Owner's Signature

\_\_\_\_\_  
Authorized Representative of EMS

Dated: \_\_\_\_\_

Dated: \_\_\_\_\_

Owner's Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

Mare Name \_\_\_\_\_

Mare Height/Weight \_\_\_\_\_

Breed \_\_\_\_\_

Mare Age: \_\_\_\_\_

M/C, Visa, Discover, AMEX# \_\_\_\_\_ Exp. date \_\_\_\_\_ CVV# \_\_\_\_\_

After initial fees, would you prefer us to run the card: monthly \_\_\_\_\_ or call first \_\_\_\_\_?

Name on credit card \_\_\_\_\_

Credit card billing address: \_\_\_\_\_

Preferred method of invoicing: email \_\_\_\_\_ or mail \_\_\_\_\_?

Name, address, and telephone # of primary contact for embryo transfer coordination:

\_\_\_\_\_

Preferred method of contact:

email \_\_\_\_\_

E-mail: \_\_\_\_\_

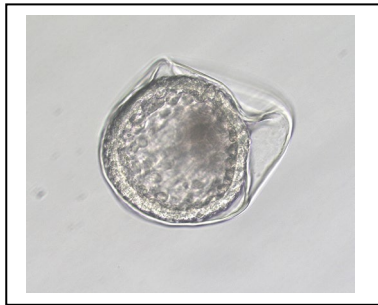
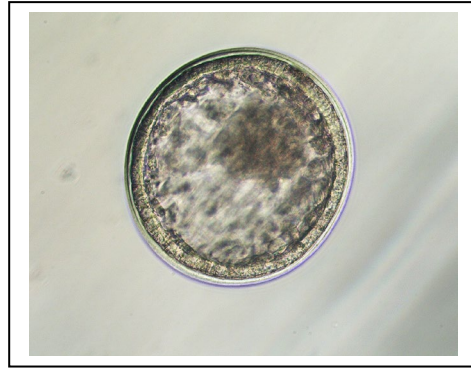
phone \_\_\_\_\_

## Embryo Transfer – A Summary

Equine embryo transfer has become a useful tool in the horse breeder's arsenal. Common uses include:

1. Obtaining more than one foal per year out of top producing mares;
2. Production of foals from mares in training or showing;
3. Production of foals from late-foaling mares, leaving them open over the winter for an early start the following spring;
4. Production of foals from mares with problems that prevent pregnancy, pregnancy maintenance, or foaling;
5. Production of foals from some otherwise barren mares.

During the breeding process the mares are examined daily to accurately determine the day of ovulation. Seven to eight days after ovulation a catheter is inserted into the donor mare's uterus. The uterus is sequentially flushed with several liters of a special electrolyte/nutrient solution. The solution is passed through a filter from which the embryo is recovered using a microscopic search. After recovery and



evaluation, the embryo is washed to remove any contaminants, placed in a nutrient medium, and either inserted through the cervix and into the uterus of a specially prepared recipient mare, or shipped to an embryo transfer facility. The first pregnancy checks are usually 5 and 7 days after transfer, which would be days 12 and 14 after ovulation.

Success rates for embryo transfer can be measured for two facets of the procedure: 1. Embryo recovery from the donor mare; 2. Pregnancy establishment in the recipient mare. Embryo recovery is usually the rate-limiting step in equine embryo transfer. Recovery

rates will vary with the individual mare's fertility; young mares can have very high rates, typically around 80% per cycle. Older mares with history of infertility, as a group, will have recovery rates around 30% per cycle. Individuals within these groups will have higher or lower recovery rates. Once the embryo is recovered, one can expect a pregnancy success rate of approximately 80% at 14 days, with about a 10% rate of pregnancy loss following that time.

### Transfer Success 1998-2023

In Clinic		Pregnancy/transfer	% Pregnant
	Grade 1 &2	2,952/3,467	85.1%
	Grade 3	100/156	64.1%
Total In Clinic		3,052/3,623	84.2%
Transported			
	Grade 1 &2	3,266/3,886	84.0%
	Grade 3	212/399	53.1%
Total Transported		3,478/4,285	81.2%
Overall Total		6,530/7,908	82.5%

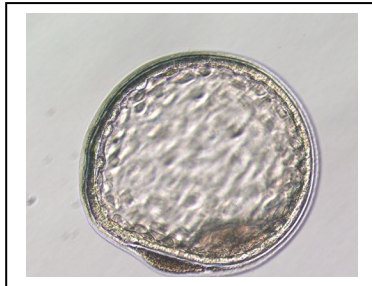
## 2024

### Embryo Transfer and ICSI Programs

The advanced reproduction programs at Equine Medical Services have several options: 1. You can bring your mare to our facility for us to breed the mare and recover embryos for transfer or freezing; 2. You can bring your mare for oocyte recovery and ICSI with embryos transferred, shipped, or frozen; 3. You can have oocytes recovered at another facility, shipped to EMS for ICSI and embryos can be shipped back to another facility for transfer, or frozen, or; 4. For a limited number of mares oocytes can be shipped from another facility to EMS for ICSI and one embryo transferred into an EMS recipient mare. Fees vary somewhat between programs, but some common terms should be noted. The recipient mares provided by Equine Medical Services are leased to the owner once they are 30 days in foal. Alternatively you can provide your own recipient mare, with some restrictions. EMS recipient mares are to be returned to Equine Medical Services within 6 months after foaling. There is a live foal guarantee for EMS recipients after the recipient mare is 30 days pregnant, the owner will receive a \$2,000 credit towards future embryo transfer services if the recipient loses the pregnancy. There is an annual enrollment fee for each in-house program, but not for the transported oocyte program. This enrollment fee is for each donor mare, is non-transferable, non-refundable, and good for the calendar year 2024 only. If foals from a donor mare will belong to different owners, it is less expensive if they are handled through one account, although if billing to different owners is desired, each owner will be required to fill out a contract and pay a nomination fee.

### **Standard In-House Embryo Transfer Program**

The standard program has an annual enrollment fee of \$1,350 for the year 2024. This fee is designed to pay for routine management, ultrasound examination, and artificial insemination. Stallion fees, transportation of semen, registration, blood typing, etc. are the responsibility of the owner. Board fees for the donor mares vary with accommodations. Paddock



board (with 3-4 other horses) is \$27.00 per day, stall board is \$27.00 per day, and mare and foal board is \$29.00 per day. The fee for each embryo collection flush is \$500, and \$250 to transfer each embryo. Once the recipient mare reaches 30 days gestation with a viable pregnancy, the owner leases her for \$4,350. Board and care of the recipient mare after 30 days are the responsibility of the owner, who is encouraged to pick her up at this time. Board for the recipient mare starting at 30 days is \$21 per day, from 60-90 days \$23.00 per day, and after 90 days of gestation recipient board will be \$25.00 per day.

### **Transfer of Transported Embryos**

The Transported Embryo Program will not be offered in 2024.

### **ICSI Program**

The ICSI Program is set up in a similar manner to the Embryo Transfer Program. There is an initial entry fee into the program of \$1,350. This is to pay for normal breeding management of the donor mare, and is a one-time fee for the year, regardless of the number of pregnancies achieved. Each oocyte collection session is \$575. The fee for oocyte maturation and ICSI is \$500. There is a \$1,000 fee for each blastocyst produced. Once a recipient mare reaches 30 days of gestation with a viable pregnancy there is a lease fee of \$5,350, but credit from the blastocyst fee will reduce the net lease to \$4,350. Board for donor mares and recipients are the same as for the Embryo Transfer Program.



### **Transported Oocyte ICSI Program**

The Transported Oocyte for ICSI program allows for ICSI for oocytes recovered at another facility and shipped to EMS with EMS shipping embryos back to the referring veterinarian or another center for transfer or freezing for future transfer. This program has no initial entry fee, oocyte maturation is \$200, ICSI is \$500, and there is a \$1,000 fee for each blastocyst produced.

### **Transported Oocyte ICSI/ET Program**

The Transported Oocyte for ICSI/ET program allows for ICSI for oocytes recovered at another facility and shipped to EMS with EMS transferring one embryo into an EMS recipient mare. Additional embryos can be shipped to another facility or frozen for future use. If a pregnancy does not result from the first embryo transferred the owner can elect to ship oocytes again or transfer an embryo frozen from the first shipment. This program has a \$1,000 entry fee. The fee for oocyte maturation is \$200, ICSI is \$500, there is a \$1,000 fee for each blastocyst produced and a recipient lease fee of \$4,350.

## Preparation

Proper preparation can make any job easier and more successful. Over the years we have found several suggestions that help facilitate the embryo transfer process. We hope you look this list over and make the following preparations:

### **In-House Embryo Transfer and ICSI Programs**

1. We would like you to contact the manager of the stallion to which you intend to breed before bringing the mare. This will allow you to provide us with the proper phone numbers and contacts for ordering semen as well as scheduling of collection days. You should also finalize any breeding arrangements with the stallion manager at this time.
2. Contact your breed registry to make sure you will be complying with their requirements for eventual registry of the resulting foal. Some registries require a permit before the embryo is transferred.
3. We ask that all mares come with leather halters to decrease the chance of injury.
4. We ask that you do not leave a lead rope, blankets, etc.
5. Mares should arrive with a coggins test taken in the current calendar year, if not we will draw one after arrival.
6. Mares that arrive for early breeding (before April 1) should be under lights for at least 8 weeks prior to the planned breeding.
7. We ask that you complete the Broodmare Admission sheet to provide us with a written record of recent vaccinations and dewormings so they do not have to be repeated, and an indication of any special care the mare may require.
8. We would like all non-maiden mares to arrive with clean cultures.
9. Please give us as much notice as possible before bringing your mare so we can be sure to have adequate accommodations for her. Stabling is on a first-come first-serve basis. We are continually expanding our facilities but they do have a fixed capacity. It is impossible to make a reservation and guarantee stall availability at any given point in the future, as predicting when mares will leave is very difficult. Occasionally mares may have to be put on a short waiting list, which we run through relatively quickly. Regardless, good communication regarding mare arrivals is very important. Paddock board is only available between March 15 and September 15.
10. Please give us at least **3 business days notice** before picking up recipient mares so that we may have them processed and ready for you. In addition to paperwork this frequently involves transporting them from one of our outlying farms. Notification that is too short may make proper transportation and processing impossible. **Remember that we require full payment by the time of discharge.**
11. We like to keep mare owners well informed but we generally have over 100 donor mares here at a time and have found that giving a daily play-by-play update to multiple clients is difficult. We welcome your call and the receptionists will try to update you as much as possible with information entered in the medical records. If you require more information Dr. Foss, Dr. Ortis, Dr. Loncar, Dr. Cochran, Dr. Von Dolen or breeding managers Rachel Norbury, Joslyn Holtmeyer, or Emily Yaeger can return your call, although we've found e-mail to be quite effective. You can e-mail us at [equinemedical@aol.com](mailto:equinemedical@aol.com).