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## FROZEN SEMEN ARTIFICIAL INSEMINATION

The artificial insemination (AI) of your mare will be conducted at our horse facilities at Killarney Veterinary Surgery (KVS). Upon arrival she will be examined to determine where she is in her reproductive cycle and establish any problems that are able to be determined initially which may impact on the success of the AI program. At this stage she may be induced to cycle with the hormone prostaglandin (PG), if she doesn't arrive at KVS 'horsing'. Your mare will be examined daily by ultrasound to monitor her follicle development to determine the optimum time for insemination once she is in oestrus (horsing/standing heat). Your mare will then be given a hormone treatment to assist her to ovulate in a more predictable time frame (12-48 hours). 12 hours after being treated, your mare will undergo ultrasound examination every 3-6 hours until ovulation is detected and she will be inseminated as soon as ovulation occurs. The semen will be assessed as well. This method helps to ensure that only a single dose of frozen semen is used each cycle. Your mare is then rechecked within 12 hours of insemination to determine if there is accumulation of fluid and treated appropriately to optimize the uterine environment for arrival of the embryo should conception occur. At this stage she may return home. Your mare is then returned to KVS for pregnancy testing at 14 days post ovulation. Should your mare not be in foal at the 14 day scan, it is recommended that she be admitted again to KVS, have PG administered and prepared for insemination on the subsequent cycle (discounts apply).

### Success

First cycle insemination success is typically 30-40%. We will do everything we can to maximise the conception rate, but you need to be aware that not every AI cycle will result in a pregnancy. Some stallions' frozen semen quality is very good, resulting in better conception rates, while others result in less success. When choosing your frozen sire, you should establish the success rate of the frozen semen being supplied and the number of doses that will be shipped. Typically, frozen semen is supplied at a set rate for 2-3 doses with no guarantee of pregnancy or live foal. You should also establish the cost of freight for the semen to be shipped.

### The cost

The first cycle will cost \$720.00 incl. GST. This includes the cost of all ultrasound examinations, pregnancy testing at 14 days, artificial insemination, evaluation of the semen post insemination, consumables, arrangement, collection and storage of the semen from Killarney or Warwick, drugs like sedation, PG, chorolun/ovuplant, oxytocin and uterine treatments like antibiotics/plasma and lavage. As only some mares require systemic antibiotics, progesterone, a caslick or tests like a uterine swab/biopsy or blood test, these are invoiced in addition to the above fee. Should we believe that these procedures or treatments are required, we will discuss them with you first. A discount will apply for subsequent cycle attempts. Freight charges will be invoiced separately at cost. It is recommended when planning your AI program that you budget for at least 2 cycles, preferably 3. Should a follicle fail to develop normally or ovulate normally or we believe that your mare's uterine environment is not optimal for conception, we will not AI your mare. In this instance only drugs and consumables will be invoiced to cover costs. Our guarantee to you – should your mare fail to conceive after 3 cycles, we will perform the third cycle FREE (excl. agistment), providing we haven't identified any issues that would class your mare as a problem breeder, in which case we will discuss with you our diagnosis and recommendations to help maximize the chances of getting your mare in foal.

### Agistment

Agistment will be charged, in addition, at a daily rate of \$25.00. If your mare arrives at KVS 'horsing', your mare will typically be agisted for 5 days

## MARE ADMISSION FORM

Name of mare owner: \_\_\_\_\_

Postal address: \_\_\_\_\_

\_\_\_\_\_ Postcode: \_\_\_\_\_

Best contact number: \_\_\_\_\_

Email address: \_\_\_\_\_

Name of mare: \_\_\_\_\_ Brand: \_\_\_\_\_

Mare registration details (society/ID number): \_\_\_\_\_

Colour: \_\_\_\_\_ Year of birth: \_\_\_\_\_ Breed: \_\_\_\_\_

Mare status (please circle): maiden / dry / foal at foot

# Live foals: \_\_\_\_\_ # Still foals: \_\_\_\_\_

Fail to conceive on last breeding? YES / NO

Reproductive tract infection? YES / NO

Mare health status:

*Please provide last date performed or administered. Write N/A if not done or unknown date.*

Tetanus vacc: \_\_\_\_\_ Strangles vacc: \_\_\_\_\_ Hendra vacc: \_\_\_\_\_

Worming: \_\_\_\_\_ Farrier: \_\_\_\_\_

Special instructions/things we should know about your mare:

\_\_\_\_\_

Contact name and number for ordering semen: \_\_\_\_\_

Freight arrangements: \_\_\_\_\_

I understand and accept the following:

*I have been advised as to the nature of the procedures and the risks involved. While all reasonable precautions and due care will be taken to ensure the safety of your mare, veterinary procedures and agistment have their inherent risks that cannot be completely eliminated that can lead to illness, injury or death. Should an illness or injury occur we will treat your mare appropriately and make immediate contact to discuss the problem, prognosis and estimate of fees. I realise that results cannot be guaranteed and further treatment options may be necessary however understand that these will be discussed and consented to prior to commencement. I assume financial responsibility for all charges incurred including that through illness or injury, should it occur. I understand that payment is required before the mare returns home.*

Name: \_\_\_\_\_ Owner / Agent

Signature: \_\_\_\_\_ Date: \_\_\_\_\_