

Ovum Pick Up - OPU

Anawet



I STAGE - THE MARE PREPARATION

1. Laboratory tests (Europe ; for USA other tests needed)

- EIA (blood sample – Coggins test)
- CEM (2 swabs: clitoral fossa, clitoral sinus – PCR)

Repeat blood sample and swabs every 90 days if the oocytes aspirations are repeat over several months. Test results must be sent on our email:

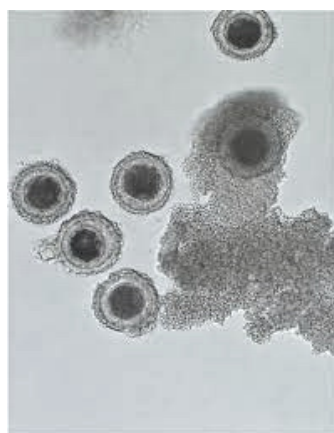
info@anawet.pl!

- Health certificate from federal veterinarian that the mare comes from an area free from infectious diseases.

2. Mare examination recommendations:

Regular rectal examinations and USG for optimal phase for OPU

- The oestrus/ just after oestrus phase are undesirable
- At least 12-15 follicles > 0,8 cm (both ovaries).



3. Mare registration for the procedure

- OPU sessions in Anawet are performed on Mondays and/or Tuesdays
- Owner should sign in his Mare for upcoming OPU session till Thursday week before;
- After final registration of mare OPU procedure will be done no matter how many follicles are on ovaries!

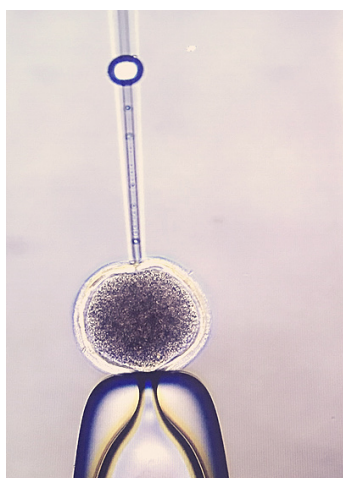
II STAGE - OPU/ICSI PROCEDURE

1. OPU (Anawet/ Poland) - Follicles are punctured and flushed to recovery eggs (oocytes).

2. Oocyte Transport and incubation

3. ICSI (Avantea/Italy) - In vitro fertilization

4. Culture and freezing of embryos



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III STAGE - TRANSFER/ STORAGE OF FROZEN EMBRYOS

- Embryos can be stored in Avantea (Italy) or Anawet (Poland).
- Frozen embryos can be transferred into a recipient mare during the breeding season in Avantea or Anawet

AFTERCARE OPU MARES:

- Give the mare box rest for 48h, if necessary the mare can be walked in-hand for about 15 minutes the day after OPU. After that your mare can be gently returned to training.



IMPORTANT INFORMATIONS:

- Your mare will be "doping positive" for approximately 10 days as a result of the drugs that she has received.
- 10 -12 days after procedure you can expect informations about your mare OPU/ ICSI results.

EXPECTATION:

Number of obtained oocytes ≠ number of embryos

Statistics:

- One successful OPU procedure - 15 follicles -> 1,5 embryo
- Likelihood of pregnancy after transferring a frozen embryo 70%- 80%
- Early embrionic loss: 8-15%

