

R&D Snapshot

Evaluation of a mini-laparotomy embryo transfer procedure

Investigator: Prof Robert van Barneveld, CHM Alliance

Purpose:

- Evaluate the “mini-laparotomy” (non-surgical) method of transfer of pig embryos on pregnancy rates and litter size in order to lower the cost of genetic transfer for breeding companies.

Take home messages:

- Regardless of how embryos are deposited (ie. transfer catheter or mini-laparotomy), many other unrelated factors can influence implantation. This procedure is not considered to be commercially viable in the short term
- Transfer of high value embryos needs to be undertaken using published surgical methods if acceptable farrowing rates and litter sizes are required
- If a method can be established to permit exact placement of embryos, non-surgical embryo transfer techniques may be possible. At this stage, further research in this area is not warranted.

Additional information:

- Click [here](#) to view the full report
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