



Ministério da Educação
Universidade Federal de Santa Maria
Centro de Ciências Rurais
Departamento de Clínica de Grandes Animais



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Dear Sir Mark Anderson
Absolute Insemination Company, LLC
5190 Neil Rd., Ste. 430
Reno, NV 89502
USA
mark@abrods.com

Re: Experiment conducted with the Absolute™ Catheters

As professors of swine medicine of the Vet School at the Federal University at Santa Maria we have conducted between April and November 2006 a series of experiments in order to test the efficiency of the insemination rod developed by ABSOLUTE SWINE INSEMINATION COMPANY (ASIC).

The results indicate a series of advantages of the new rod as compared to the traditional insemination pipettes. There are also advantages over the insemination pipettes which use an internal probe (like IMV's Deep Golden Pig catheters) to reach the uterus. We prefer your Ab catheters' approach of using the soft and safe membranes to reach the uterus.

When compared to the traditional technique there was an increase in pregnancy rate from 87,4 to 93%. (This was achieved with only 2,5 doses with the Absolute groups as compared to the 3,5+ doses used in the traditional pipette group) The number of animals born also showed an increment when compared to the annual average of the unit where the experiment was conducted.

Moreover, the major advantages are not confined to gain in production. The use of the new pipette allows more agility and reduced costs of the process. We found that the process can not only depend on a smaller number of people, but also be performed in shorter time, which can be translated into direct economic gain.

There are also advantages in sanitation aspects. With the deposition of semen directly into the uterus, besides the better viability, the contact of it with secretions of the cervix is virtually eliminated. In conclusion, the proposed technique represents an improvement in sanitation and cost efficiency of the sanitation process, leading to increased productivity.

We congratulate you on the invention of this special catheter and recommend its use in pig production units.

Prof. Adj. Dr. Marcelo Soares
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