



University
Zurich^{UZH}

36 embrioni di asino


14 Congelamento lento
22 Vitrificazione



Morula vitrificata

Morula congelamento lento

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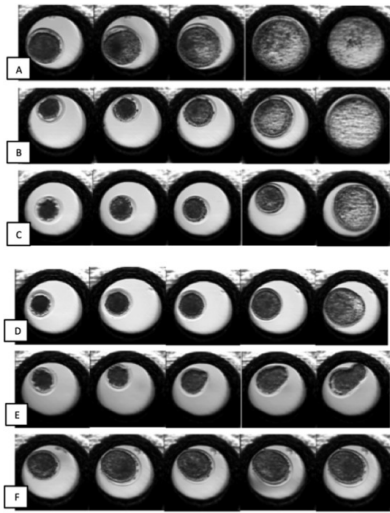
Cryopreservation of donkey embryos: Comparison of embryo survival rate after *in vitro* culture between conventional freezing and vitrification

D. Fanelli^{a,*}, D. Panzani^a, A. Rota^a, M. Tesi^a, F. Camillo^a, H. Bollwein^b, C. Herrera^b

^a Veterinary Science Department, Pisa University, San Piero a Grado, Via Livornese, 50124, Pisa, Italy

^b Clinic of Reproductive Medicine, Department for Farm Animals, University of Göttingen, 38107, Göttingen

- Morula e Giovane blastocisti sono gli stadi migliori per la crioconservazione.
- In condizioni *in vitro* il congelamento lento ha prodotto embrioni di qualità migliore e che hanno mostrato un accrescimento più rapido in seguito alla IVC.



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Embryo recovery rate and recipients' pregnancy rate after nonsurgical embryo transfer in donkeys

F. Camillo ^{a,*}, D. Panzani ^a, C. Scollo ^b, A. Rota ^a, A. Crisci ^a, I. Vannozzi ^a, S. Balbo ^b

^a *Dipartimento di Clinica Veterinaria, Università di Pisa, San Piero a Grado (PI), Italy*
^b *Azienda Regionale Foreste Demaniali Regione Siciliana, Palermo, Italy*

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Birth of the first donkey foals after transfer of vitrified embryos

Panzani D., Rota A., Crisci A., Romano C., Pratelli G., Sabatini C., Camillo F.

The 8th International Symposium on Equine Embryo Transfer, July 26-29, 2012, Vancouver, Canada.

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Embryo vitrification in donkey

Conclusions

- First 2 donkey foals born from vitrified embryos
- Tool for endangered breed preservation
- Further studies, bigger numbers



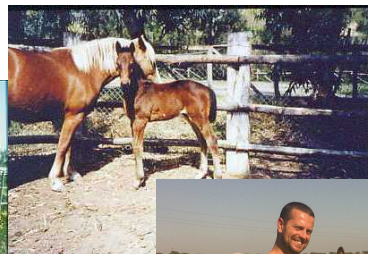
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ET conclusion

Primi puledri da ET



Primi puledri clinici



Primi asini da embrioni crioconservati



Primo asino pantesco da ET



Cavallo partorito da una mula

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