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List of publications on OCTAX ICSI Guard™ and OCTAX polarAIDE™

Zona pellucida scoring and imaging

- Braga D.P., Figueira R.D., Queiroz P., Madaschi C., Iaconelli A. Jr, Borges E. Jr (2010) Zona pellucida birefringence in in vivo and in vitro matured oocytes. *Fertil. Steril.* 94(6):2050-3
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- Koester M., Mohammadi-Sangcheshmeh A., Montag M., Rings F., Schimming T., Tesfaye D., Schellander K., Hoelker M. (2011) Evaluation of bovine zona pellucida characteristics in polarized light as a prognostic marker for embryonic developmental potential. *Reproduction* Mar 17. [Epub ahead of print]
- Madaschi C., Aoki T., Paes de Almeida D., Braga F., Figueira R., Francisco L. S., Iaconelli A., Borges E. (2009) Zona pellucida birefringence score and meiotic spindle visualization in relation to embryo development and ICSI outcomes. *RBMOnline* 18(5): 691-686.
- Montag M., Köster M., Nikolov A., van der Ven H. (2010) Time-lapse based evaluation of human oocytes from ICSI up to the pronuclear stage. *Hum. Reprod.* 25 (Suppl. 1):i180. Abstracts of the 26th Annual Meeting of ESHRE
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- Montag M., van der Ven K. (2008) Symposium: innovative techniques in human embryo viability assessment. Oocyte assessment and embryo viability prediction: birefringence imaging. *RBMOnline* 17(4):454-460.
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- Petersen C.G., Vagnini L.D., Mauri A.L., Massaro F.C., Silva L.F., Cavagna M., Baruffi R.L., Oliveira J.B., Franco J.G. Jr. (2011) Evaluation of zona pellucida birefringence intensity during in vitro maturation of oocytes from stimulated cycles. *Reprod. Biol. Endocrinol.* 9(1):53

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Valeri C., Pappalardo S., De Felici M., Manna C. (2010) Oocyte morphometry parameters are correlated with oocyte birefringence and women's age. Hum. Reprod. 25 (Suppl. 1):i177-178. Abstracts of the 26th Annual Meeting of ESHRE

Spindle imaging

Arroyo G., Martinez F., Tur R., Carrasco B., Belil I., Boada M., Coroleu B., Veiga A. (2007) Analysis of the meiotic spindle and zona pellucida of in vitro matured human oocytes with polarisation microscopy. Abstracts of the 14th World Congress on In Vitro Fertilization & 3rd World Congress on In Vitro Maturation, p. 151 (poster P-1292).

Azarello A., Hoest T., Mikkelsen A.L., Fadini R., Dal Canto M. (2009) Low frequency of spindle apparatus in metaphase II oocytes retrieved from women with a poor ovarian response. Hum. Reprod. 24 (Suppl. 1):i166. Abstracts of the 25th Annual Meeting of the ESHRE.

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Ishida Y. (2007) Relationship between spindle location and embryonic developmental competence in intracytoplasmic sperm injection and its effect on clinical outcome. Fertil. Steril. 88 (Suppl. 1):S260. Abstracts of the 63rd annual meeting of ASRM.

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- Montag M., Schimming T., van der Ven H. (2006) Spindle imaging in human oocytes: the impact of the meiotic cell cycle. RBMOnline 12(4):442-446.
- Montag M.H.M., Schimming T., Zhou C., van der Ven H. (2007) Validation of an automatic scoring system for prognostic qualitative zona imaging in human oocytes. Hum. Reprod. 22 (Suppl. 1):i11. Abstracts of the 23rd Annual Meeting of the ESHRE.
- Ochi M., Kamihata M., Ikegami M. (2007) Prediction of embryonic developmental competence by visualization and relative localization of the spindle. Poster P-412. Hum. Reprod. 22 (Suppl. 1):i161. Abstracts of the 23rd Annual Meeting of the ESHRE.
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Other

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