PICSİ® Dish

Sperm selection for ICSI using Hyaluronan binding

- Significantly reduces pregnancy loss rate
- Binds only mature sperm with high DNA integrity
- Correlates with the identification of mature sperm that are morphologically sound and have high DNA integrity
- Clinically proven to benefit ICSI patients with a low Hyaluronan Binding Assay (HBA®) score
**PICSI dish significantly reduces Pregnancy Loss Rates (PLR)**

Early pregnancy loss can result from selecting a compromised spermatozoa during ICSI. This can be due to the fact that visual selection alone cannot identify mature spermatozoa with high DNA integrity and reduced chromosomal aneuploidies.

The PICSI dish uses Hyaluronic Acid (HA) to select sperm for ICSI, where mature spermatozoa will bind for easy picking.²

**HA Facts:**
- Hyaluronan is the major component of the Cumulus Complex surrounding the human oocyte
- A sperm’s ability to bind to HA is a biochemical marker of the sperm’s maturity and DNA integrity
- Only mature spermatozoa with developed receptors for HA can bind³

**Clinical documentation**

An extensive study found using the diagnostic abilities of HBA together with the selection process in the PICSI dish led to improved Clinical Pregnancy Rate (CPL), and significantly reduced Pregnancy Loss Rate (PLR) in ICSI patients diagnosed to have low HA-binding ability (HBA score ≤65%). It also demonstrated that 15% of all ICSI patients express sperm samples with compromised developments (HBA score ≤65%) and would benefit from HA sperm selection.¹

- Multi-center trial (10 centers)
- Randomized, double-blinded, controlled
- 804 patients

Statistical significance (*) is indicated at P<0.05

**Catalogue No.**

BCT-PICSI-20 20 PICSI dishes, individually packaged, sterile

**Learn more at www.origio.com/andrology**

**References**

