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Professional Summary

Embryologist with 25 years of experience in clinical embryology and 12 years of expertise in PIEZO-ICSI, embryo manipulation, and cryopreservation.

Published multiple clinical and embryological studies, including pioneering work on PIEZO-ICSI outcomes from fertilization to neonatal results.

Expertise

- Standard ICSI / PIEZO-ICSI
- Sperm selection (IMSI, PICS)
- Embryo manipulation (Assisted hatching)
- Embryo manipulation (Blastocoele collapse)
- Cryopreservation & warming (Day 5–7 blastocysts)
- Embryo development & ART outcomes
- Male infertility & reproductive data analysis

Key Publications

- Pregnancy and perinatal outcomes following PIEZO-ICSI (JARG, 2026)**
- Effects of sperm direction (head vs tail) in PIEZO-ICSI (JOGR, 2018)
- Clinical efficiency of PIEZO-ICSI using micropipettes (JARG, 2015; 2016)
- Zona pellucida removal & blastocyst transfer outcomes (RBMO, 2007)
- Blastocoele collapse prior to vitrification improves outcomes (Hum Reprod, 2004)
- Day-7 blastocyst vitrification studies (RBMO 2008; JARG 2009)
- Re-vitrification case series (JARG 2008; 2009)

Awards & Recognition

- ▣ ASRM Video Award (International)
- ▣ Multiple domestic awards for excellence in embryo manipulation and ICSI, including:
 - Assisted hatching
 - PIEZO-ICSI
 - Sperm injection direction (head vs tail)
 - Injection pipette advancement speed in PIEZO-ICSI

Selected International Presentations

- ASRM
- ESHRE
- ASPIRE
- AFS
- IFS
- Fertivision
- Annual invited lectures in Russia (since 2019)