

9th Yazd International Congress and Student Award on Reproductive Medicine with 4th Congress of Reproductive Genetics

Key Lectures

K-40

Sperm selection using PICSI method

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It has estimated that up to 50% of the infertility cases are predominantly or partly caused by male factors. About 10-20% of couples suffer from unexplained infertility, the male partner has sperm DNA

fragmentation index (DFI) above 20%. It has been shown that increased sperm DFI may lead to decrease chance of natural pregnancy and assisted reproductive techniques success rate. In this patients, the potential underlying causes should be treated first. However, in non-responders, other strategies such as antioxidant medical treatment, sperm selection techniques and testicular sperm extraction may be useful. In this regard we want to talk about physiologic intracytoplasmic sperm injection as a probable useful sperm selection technique.