

# **No-scalpel vasal sperm aspiration and in vitro fertilization for the treatment of anejaculation**

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摘要

## **Abstract**

OBJECTIVES: To evaluate the utility of no-scalpel vasal sperm aspiration and in vitro fertilization for the treatment of male infertility due to anejaculation. METHODS: Vasal aspiration was performed using a no-scalpel technique, and the sperm were used for conventional in vitro fertilization in 1 patient and intracytoplasmic sperm injection in 6 patients. RESULTS: The average total sperm count was  $6 \times 10^6$ , with the motility between 20% and 95%. No complications have been observed to date. A high fertilization rate (74.6%) and pregnancy rate (5 of 7) was achieved with subsequent intracytoplasmic sperm injection or in vitro fertilization. CONCLUSIONS: No-scalpel vasal sperm aspiration is a simple, effective alternative to sperm retrieval, especially for anejaculatory males.