

**Table 1. Comparison of predictive variables between the two groups.**

**From: Differences in spermatozoa acquisition rates between patients with non-obstructive azoospermia of different etiologies**

| Variable               | Sperm acquisition group | Sperm non-acquisition group | t      | p     |
|------------------------|-------------------------|-----------------------------|--------|-------|
| N                      | 107                     | 118                         |        |       |
| Age (years)            | 32.17 ± 5.476           | 30.96 ± 4.547               | 1.810  | 0.072 |
| Testicular volume (ml) | 7.11 ± 4.266            | 7.92 ± 3.650                | -1.521 | 0.130 |
| BMI                    | 24.74 ± 2.579           | 25.00 ± 2.095               | -0.827 | 0.409 |
| AMH (µg/L)             | 2.32 ± 1.334            | 3.16 ± 1.680                | -4.125 | <0.01 |
| INHB (ng/L)            | 19.60 ± 13.603          | 22.88 ± 14.121              | -1.769 | 0.078 |
| FSH (mIU/ml)           | 23.92 ± 14.921          | 26.69 ± 14.427              | -1.415 | 0.159 |
| LH (mIU/ml)            | 11.22 ± 8.133           | 11.13 ± 7.756               | 0.088  | 0.930 |
| T (ng/ml)              | 3.87 ± 1.944            | 3.61 ± 1.928                | 1.010  | 0.314 |

AMH, anti-Müllerian hormone; BMI, body mass index; FSH, follicle-stimulating hormone; INHB, inhibin B; LH, luteinizing hormone; mIU/ml, milli-international units per milliliter; ml, milliliters; ng/L, nanograms per liter; ng/ml, nanograms per milliliter; T, testosterone. µg/L, micrograms per liter.

**Table 2. Comparison of sperm retrieval rates in NOA patients with different etiologies.**

**From: Differences in spermatozoa acquisition rates between patients with non-obstructive azoospermia of different etiologies**

| Cause of NOA                      | N  | SRR (%)   |
|-----------------------------------|----|-----------|
| Klinefelter syndrome              | 32 | 17(53.13) |
| Y (AZFc)                          | 42 | 23(54.76) |
| History of mumps in childhood     | 21 | 8(38.10)  |
| History of mumps in adolescence   | 16 | 14(87.50) |
| History of cryptorchidism surgery | 25 | 14(56.00) |
| Idiopathic NOA                    | 89 | 31(34.83) |
| Chi-squared                       |    | 18.754    |
| P                                 |    | 0.002     |

NOA, non-obstructive azoospermia; p, probability; SRR, sperm retrieval rates; Y (AZFc), Y chromosome microdeletions in the AZFc region.

