

Supplementary Materials

# Sperm Selection and Embryo Development: A Comparison of the Density Gradient Centrifugation and Microfluidic Chip Sperm Preparation Methods in Patients with Astheno-Teratozoospermia

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Table S1. Baseline characteristics of the patients (mean  $\pm$  SD)

Age	BMI (kg/m <sup>2</sup> )	Induction days	Induction dose (mg)
32.55 $\pm$ 4.68 (23–38)	24.05 $\pm$ 4.89 (19.3–36.8)	9.91 $\pm$ 1.41 (7–13)	2952.27 $\pm$ 447.34 (2100–3900)

Table S2. The number of sibling oocytes

Patient	Number of oocytes undergoing ICSI	Number of sibling oocytes	
		Microchip group	Gradient group
1	6	3	3
2	3	2	1
3	12	5	5
4	4	2	2
5	10	5	5
6	9	4	5
7	14	7	7
8	5	3	2
9	9	4	5
10	7	4	3
11	5	3	2
12	5	3	2
13	23	12	11
14	9	5	4
15	17	9	8
16	6	3	3
17	10	5	5
18	9	4	5
19	4	2	2
20	13	7	6
21	11	6	5
22	12	6	6