**Supplementary material**

Supplementary Table 1. Embryo Data Summary.

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| --- | --- | --- | --- |
| Category | Details | Percentage | Count |
| Embryo Transfer |  |  |  |
| Transferred on Day 5 | 10 out of 15 transfers | 66.67% | 10 |
| Transferred on Day 3 | 5 out of 15 transfers | 33.33% | 5 |
| Embryo Quality  (Istanbul Consensus 2011) |  |  |  |
| Good-quality embryos | 2 in PRP-1, 1 in PRP-2,  1 in Control | 26.67% | 4 |
| Fair-quality embryos | 3 in PRP-1, 1 in PRP-2,  4 in Control | 53.33% | 8 |
| Poor-quality embryos | 1 in PRP-1, 2 in Control | 20% | 3 |

A total of 28 PRP cycles were performed, and endometrial thickness and ART outcomes were evaluated. All participants undergoing FET cycles followed the same HRT protocol. The median number of embryos transferred was 1 (0,1), 66.67% transferred on Day 5 (10/15), 33.33% transferred on Day 3(5/15) and 26.67% were classified as good-quality embryos(2 embryos in PRP-1, 1 embryo in PRP-2 and 1 embryo in Control), 53.55% as fair-quality embryos(3 embryos in PRP-1, 1 embryo in PRP-2 and 4 embryo in Control) and 20% as poor-quality embryos(1 embryo in PRP-1 and 2 embryos in Control) according to the Istanbul consensus 2011.