**Supplementary Table1** | Subject’s Characteristics in women with and without endometriosis

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **Endometriosis(n=26）** | **No Endometriosis(n=25)** | **P value** |
| **Age** | 34.8±7.9 | 38.7±10.1 | 0.2316 |
| **Sample type** |  |  |  |
| leucorrhea | 17(65.38%) | 15(60.00%) |  |
| endometrial tissue | 9(34.62%) | 10(40.00%) |  |
| **Dysmenorrhea** | 14(53.85%) | 3(12.00%) |  |
| **Menstrual cycle phase** |  |  |  |
| Proliferative | 14(53.85%) | 13(52.00%) |  |
| Secretory | 12(46.15%) | 12(48.00%) |  |
| **Ovarian endometriosis involving** |  |  |  |
| Pelvic | 21(80.77%) |  |  |
| Retroperitoneal | 5(19.23%) |  |  |
| The uterosacral ligament | 8(30.77%) |  |  |
| Ureteral | 4(11.53%) |  |  |
| **Size of Cyst(cm3)** |  |  |  |
| <64cm3 | 8(30.77%) |  |  |
| <216cm3,≥64cm3 | 13(53.85%) |  |  |
| ≥216cm3 | 5(19.23%) |  |  |