

Table 1: Comparing maternal and neonatal characteristics the group who had planned NVD versus those who had C-section

| Characteristics | Planned NVD N = 1367 | Planned C-section N = 1071 | P-value |
|--|---------------------------------|---------------------------------------|--------------------|
| Maternal | | | |
| Age (years) | 26.5 (± 4.9) | 28.4 (± 4.7) | < 0.001* |
| No. of previous children | 2 (0-6) | 2 (0-5) | 0.04† |
| Up to secondary school | 704 (51.5) | 331 (31) | |
| High school diploma | 470 (34.4) | 405 (37.7) | |
| Undergraduate degree | 186 (13.6) | 317 (29.6) | < 0.001§§ |
| Postgraduate degree | 7 (0.5) | 18 (1.7) | |
| Employment | | | |
| Employed | 69 (5) | 130 (12.1) | |
| Unemployed (housewife/student) | 1298 (95) | 942 (87.9) | < 0.001§ |
| Place of received maternity care | | | |
| Private clinics | 277 (20.3) | 497 (46.4) | |
| Governmental Clinics | 1090 (79.7) | 574 (53.6) | < 0.001§ |
| Having insurance | 1270 (92.9) | 992 (92.6) | 0.4§ |
| Positive history of infertility | 56 (4.1) | 99 (9.2) | < 0.001§ |
| Positive history of abortion/stillbirth | 225 (16.5) | 247 (23.1) | < 0.001§ |
| Having children with physical and/or mental problem | 12 (0.9) | 26 (2.4) | 0.003§ |
| Place of delivery | | | |
| Hospital | 1165 (85.3) | 1026 (95.9) | |
| Maternity hospital | 188 (13.6) | 45 (4.1) | |
| Facility centre | 1 (0.1) | 0 | < 0.001§§ |
| Gynaecologist clinic | 8 (0.6) | 0 | |
| At home | 6 (0.4) | 0 | |
| Sex | | | |
| Male | 675 (49.4) | 543 (50.7) | |
| female | 691 (50.5) | 532 (49.3) | 0.55§§ |
| Ambiguous | 1 (0.1) | 0 | |
| Number of tones | | | |
| Single tone | 1366 (99.9) | 1061 (99.1) | |
| Twin | 1 (0.1) | 9 (0.8) | 0.007§§ |
| Triplet | 0 | 1 (0.1) | |
| Congenital anomalies | 11 (0.8) | 7 (0.7) | 0.8§ |

*Independent T test

†Two-independent samples tests

§Chi-square test

§§Fisher's exact test

P values less than 0.05 is considered significant.

Data are reported as mean (± standard deviation), Median (min - max), and frequency (%); NVD = normal vaginal delivery