**Tables**

**Table 1 The Sociodemographic characteristics of study’s participants.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variable  | categories | N= 186 | % |
| Age | Less 24 | 15 | 8.1 |
|  | 25-29 | 53 | 28.5 |
|  | 30-34 | 50 | 26.9 |
|  | 35-39 | 45 | 24.2 |
|  | 40-45 | 23 | 12.4 |
| Primigravida | Yes | 31 | 16.7 |
|  | No | 155 | 83.3 |
| Multigravida | Yes | 155 | 83.3 |
|  | No | 31 | 16.7 |
| Previous delivery | SVD (Spontaneous vaginal delivery) | 126 | 67.7 |
|  | CS (Caesarean section) | 26 | 14.0 |
| Obesity  | N/A (Primigravida)Class1(BMI 30-34)Class2(BMI 35-39) Class3(BMI more than 40) | 341284414 | 18.368.823.77.5 |
| Smoking | Yes | 4 | 2.2 |
| Pre-existing thyroid diseaseRecurrent miscarriages | NoYes No Yes No  | 1821617010176 | 97.88.690.45.493.6 |

**Table 2 Association between Obesity and co-factors**

|  |  |
| --- | --- |
|  | Obesity |
|  | Class 1 (%) | Class 2 (%) | Class 3 (%) | P value\* |
| Pre-existing thyroid disease Yes | 16 (12.5) | 0 | 0  | 0.015 |
| No | 112 (87.5) | 44 (100) | 14 (100) |
| Pregnancy induced hypertension | 0128 (100) | 044 (100) | 1 (7.1)13 (92.9) | 0.075 |
| Perineal tearFirst degree Second degree Third degreeIntact Primigravida | 45 (35.2)24 (18.8)1(.8)55 (43.0)3 (2.3) | 13 (29.5)4 (9.1)024(54.5)3 (6.8) | 1 (7.1)4 (28.6)06(42.9)3 (21.4) | 0.020 |
| EpisiotomyYesNo | 5 (3.9)123 (96.1) | 3 (6.8)41 (93.2) | 3 (21.4)11 (78.6) | 0.037 |

**Table 3 Comparison of obesity classes within Pre-existing thyroid disease:**

|  |  |
| --- | --- |
| Obesity Pre-existing thyroid disease Test Statistic  | P.value |
| Class1-class2 -11.625Class1-class3 -11.625Class2-class3 0.000 | .033.3431.000 |
| Obesity Induced Hypertension Test Statistic  | P.value |
| Class3-class1 6.643Class3-class2 6.643Class1-class2 0.000 | .001.0011.000 |
| Obesity Perineal tears Test Statistic  | P.value |
| Class1-class2 -14.077Class1-class3 -32.876Class2-class3 -18.799 | .108.020.222 |
| Obesity EpisiotomyTest Statistic  | P.value |
| Class3-class2 13.588Class3-class1 16.296Class2-class1 2.708 | .044.0080.481 |