|  |  |  |
| --- | --- | --- |
| **Parameters**  | **Total** |  |
| Age | 29.32 |  |
| ***Obstetric Profile***  |  |  |
| Gravidity (Mean ±SD)1 | 2.25  |  |
| Parity(Mean ±SD) | 1.71  |  |
| MRS (Mean ±SD) | 0.2  |  |
| Gestational diabetes (Num %)2YesNounavailable | 9%72.9%18.1% | 3024260 |
| Gestational hypertension (Num %)Yes No unavailable | 19.3%62.6 %18.1% | 6420860 |
| ***Neurological Profile***  |  |  |
| History of neurological disorders (Num %)YesNounavailable | 17.8%73.8%8.4% | 5924528 |
| Neurological conditions in current pregnancy (Num %)Headache Epilepsy CVT3StrokeICH4MS5Brain TumorGuillotine-BareMiya steinEclampsiaOther convolution  | 53.9%17.2%8.7%0.9%2.4%4.5%0.6%0.3%1.2%4.8%5.4% | 179572938152141618 |
| Onset of Neurological Symptoms (Num %) Before pregnancyFirst trimesterSecond trimesterThird trimester Pere-partumPost-partumUnavailable  | 23.5%13%12.7%18.6%1.5%22.9%7.8% | 7843426257626 |
| ***Pregnancy Outcome*** |  |  |
| Delivery (Num %)NVD6C/S7Abortionunavailable | 30.7%61.1%5.4%2.7% | 102203189 |
| Fetus (Num %)AbortionStillbirthPretermTermCongenital disordersunavailable | 5.4%1.8%8.1%78.9%0.6%5.1% | 18627262217 |
| Maternal mortality (Num %) | 0.6% | 2 |

Table 1 – Baseline characteristics of mothers with neurological complaints over the course of pregnancy or post-partum period

1Mean ±SD=standard deviation

2Num%=number and percentage

3CVT=Cerebral Venous Thrombosis

4ICH=Intracranial Hemorrhage

5M.S= Multiple sclerosis

6NVD= Normal vaginal delivery

7C/S= Cesarean section

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Parameters | Headache | epilepsy | other seizure | Stroke | CVT | ICH | MS | Brain Tumor | Guillotines-Barre | miastingaravis | eclampsia |
| Age | 30 | 28.6 | 27.77 | 29.3 | 29 | 27.75 | 29.2 | 34 | 31 | 26.2 | 27.25 |
| *Obstetric Profile* |  |
| Gravidity | 2.4  | 2.2  | 2.15  | 1.33  | 1.82 | 2 | 2.53 | 4 | 1 | 1 | 1.87 |
| Parity | 1.84 | 1.75 | 1.44 | 1.33 | 1.32 | 1.57 | 1.6 | 2.5 | 1 | 1 | 1.47 |
| Gestational diabetesYesNoUnavailable | 10.1%(18)73.1%(131)16.8%(30) | 8.2%(5)67.2%(41)24.6(15) | 14.3%(2)50%(7)35.7%(9) | 0%100%(3)0% | 3.4%(1)69%(19)27.6%(8) | 25%262.5%(5)12.5%(1) | 0%93.7%(14)6.7%(1) | 50%(1)50%()10% | 0%100%0% | 0%100%(1)0% | 6.3%(1)93.8%(15)0% |
| Gestational hypertensionYesNoUnavailable | 19.5(35)63.7(114)16.8%(30) | 11.4%(7)64%(39)24.6%(15) | 7.1% (1)57.1%(8)35.7%(5) | 33.3%(1)66.7%(2)0% | 3.4%(1)69%(19)27.6% | 37.5%(3)50%(4)12.5%(1) | 0%93%(14)6.7%(1) | 0%100%0% | 0%100%0% | 0%100%(1)0% | 100%(16)0%0% |
| Neurological Profile |
| History of neurological disordersYes 17.8%No 73.8Unavailable 8.4% | 5%(9)83.3%(149)11.7%(21) | 84.2%(48)15.8%(9)- | 7.1%(1)71.4%(4)21.4%(3) | 0%100%0% | 3.4%(1)93.2%(27)3.4%(1) | 0%100%(8)0% | 93.4%(14)6.7%(1)0% | 50%(1)50%(1)0% | 0%100%(1)0% | 100%(4)0%0% | 0%100%\*(16)0% |
| Pregnancy Outcome |
| DeliveryNVDC/SAbortionunavailable | 32.4%(58)59.2%(106)5%(9)3.4%(6) | 43.9%(25)47.4%(27)7%(4)1.7%(1) | 16.7%(3)77.7%(14)0%5.6%(1) | 0%100%0%0% | 24.1%(7)72.4%(21)0%3.4%(1) | 12.5%(1)75%(6)12.5%(1)0% | 26.7%(4)53.3%(8)20%(3)0% | 0%100%0%0% | 0%100%0%0% | 25%75%0%0% | 18.7%(3)75%(12)6.3%(1)0% |
| FetusAbortionStillbirthPretermCongenital disordersTermunavailable | 5%(9)0.6%(1)7.8%(14)0.6%(1)83.2%(142)2.8%(5) | 7%(4)1.8%(1)8.7%(5)0%77.2%(44)5.3%(3) | 0%0%11.1%(2)0%66.7%(12)33.3% | 0%0%0%0%100%0% | 0%10.3%(3)3.4%(1)3.4%(1)72.4%(21)10.3%(3) | 12.5%(1)0%12.5%(1)0%62.5%(5)12.5%(1) | 20%(3)0%0%0%80%(12)0% | 0%0%50%(1)0%50%(1)0% | 0%0%0%0%100%(1)0% | 0%0%0%0%100%(4)0% | 6.3%(1)6.3%(1) 18.8%(3)0%62.5%(10)6.3%(1) |
| Maternal mortality | 0% | 0% | 0% | 33.3% | 0% | 12.5% | 0% | 0% | 0% | 0% | 0% |
| MRS | 0.09 | 0.16 | 0.05 | 3 | 0.22 | 1.42 | 2 | 0 | 4 | 1.15 | 1.06 |
| Maternal mortality | 0% | 0% | 0% | 33.3% | 0% | 12.5% | 0% | 0% | 0% | 0% | 0% |
| MRS | 0.09 | 0.16 | 0.05 | 3 | 0.22 | 1.42 | 2 | 0 | 4 | 1.15 | 1.06 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Onset of neurological symptoms |  |  |  |  |  |  |  |  | - |  |  |
|  Before pregnancy First trimester Second trimester Third trimester Pere-partum Post-partum unavailable | 5%(9)16.2%(29)16.8%(30)23.5%(42)0.6%(1)26.3%(47)11.6(21) | 84.2%(48)14%(8)1.8%(1)0%0%0%0% | 11.1%(2)11.1%(2)22.2%(4)11.1%(2)11.1%(2)16.7%(3)16.7%(3) | 0%0%0%33.3%(1)0%66.7%(2)0% | 3.4%(1)10.3%(3)10.3%(3)24.1%(7)3.4%(1)44.8%(13)3.4%(1) | 0%0%12.5%(1)25%(2)12.5%(1)50%(4)0% | 93.3(14)6.7%(1)0%0%0%0%0% | 0%50%0%50%0%0%0% | 0%0%0%100%0%0%0% | 100%0%0%0%0%0%0% | 0%0%12.5%(2)37.5%(6)0%43.7(7)**6.3%(1)** |

Table2 . the range of neurological symptoms separately for each neurological condition