**RESULTS**

**Table 1:** Frequency Distribution of selected Variables of the samples (N=497)

|  |  |  |  |
| --- | --- | --- | --- |
|  Variables  | Categories  | Frequency | Percentage (%) |
| Sex  | Male Female  | 288 209  | 57.942.1 |
| Age  | <1year 1.01-3.00years 3.01-5.00years 5.01-7.00years >7.00years  | 217 211 32 16 19  | 43.842.66.53.23.8 |
| Aetiology | Jaundice Birth Asphyxia Seizure Others  | 137 143 91 107  | 28.729.919.022.4 |
| Referral center   | Unth Centres in Enugu Centres outside Enugu  | 404 56 25  | 83.311.55.2 |
| Duration of Physiotherapy Treatment in Months   | <6months 6-12months  13-36months  >36months  | 293 13264 8  | 59.026.6 12.9  1.6  |
| Number of Treatment sessions   | 0-10 11-20 21-30 31-40  >40  | 357 82 29 15 14  | 71.816.55.83.02.8 |
| Treatment Density(No. of treatment sessions per week)  | 1 23>3  | 440 32 94  | 90.76.61.90.8 |
| Caregiver | MotherFatherMother and fatherOthers | 381443834 | 76.7%8.9%7.6%6.8% |
| Type of cerebral palsy | SpasticAthetoidAtaxicMixed | 274744590 | 56.7%15.3%9.3%18.6% |
| Physiotherapy discharge documented | NoYes | 45938 | 92.4%7.6% |

**Key:** Unth=University of Nigeria Teaching Hospital

Bar chart 1: Shows the Frequency distribution of cases of cerebral palsy from year 2007 to 2016

10.1%

7.0%

10.1%

10.1%

10.1%

8.0%

9.1%

12.5%

10.1%

13.1%

**Bar chart 2:** Shows the Frequency distribution of position of cerebral palsy children in the family



39.6%

23.3%

19.3%

8.9%

4.5%

2.8%

0.4%

0.4%

0.4%

**Bar chart 3:** Shows the Percentage distribution of the clinical presentations of cerebral palsy children.



67.0

4.9

4.3

7.1

7.3

2.6

2.8

1.1

1.5

1.5

**Table 2:** Shows the association between type of cerebral palsy and treatment density (n=473)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variables | Spastic type  | Athetoid type  | Ataxic type  | Mixed type  | Total  | X²(P-value) |
| Treatment density |  |  |  |  |  | 9.444(0.397) |
| 1 | 241 | 66 | 42 | 79 | 428(90.5%) |  |
| 2 | 20 | 7 | 0 | 5 | 32(6.8%) |  |
| 3 | 4 | 1 | 2 | 2 | 9(1.9%) |  |
| >3 | 2 | 0 | 0 | 2 | 4(0.8%) |  |
| Total | 267(56.4%) | 74(15.6%) | 44(9.3%) | 88(18.6%) | 473(100%) |  |

**Table 3:** shows the association between type of cerebral palsy and cause of cerebral palsy (n=470)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variables | Spastic  | Athetoid  | Ataxic | Mixed  | Total  | X²(P-value) |
| Jaundice  | 80 | 21 | 13 | 21 | 135(28.7%) | 28.303(0.001\*) |
| BirthAsphyxia  | 90 | 14 | 13 | 25 | 142(30.2%) |  |
| Seizure  | 56 | 10 | 3 | 19 | 88(18.7%) |  |
| Others  | 40 | 29 | 13 | 23 | 105(22.3%) |  |
| Total  | 266(56.6%) | 74(15.7%) | 42(8.9%) | 88(18.7%) | 470(100.0%) |  |

**Table 4:** Shows the association between the type of cerebral palsy and duration of physiotherapy treatment (n=483)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variables | Spastic | Athetoid | Ataxic | Mixed | Total | X²(P-value) |
| <6months  | 176 | 40 | 31 | 36 | 283(58.6%) | 31.784(<0.0001) |
| 6-12months  | 58 | 23 | 10 | 37 | 128(26.5%) |  |
| 13-36months  | 39 | 10 | 3 | 12 | 64(13.3%) |  |
| >36months  | 1 | 1 | 1 | 5 | 8(1.7%) |  |
| Total  | 274(56.7%) | 74(15.3%) | 45(9.3%) | 90(18.6%) | 483(100.0)% |  |

**Table 5**: Shows the association between the cause of cerebral palsy and the position of the child in the family (n=474)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variables | Jaundice | Birth asphyxia | Seizure | Others | Total | X²(P-value) |
| 1st child  | 53 | 62 | 28 | 43 | 186(39.2%) | 60.719(<0.0001)\* |
| 2nd child  | 33 | 32 | 26 | 20 | 111(23.4%) |  |
| 3rd child  | 33 | 25 | 25 | 11 | 94(19.8%) |  |
| 4th child  | 8 | 7 | 7 | 20 | 42(8.9%) |  |
| 5th child  | 5 | 6 | 2 | 9 | 22(4.6%) |  |
| Others  | 4 | 10 | 2 | 3 | 19(4.0%) |  |
| Total | 136(28.7%) | 142(30.0%) | 90(19.0%) | 106(22.4%) | 474(100%0 |  |