



PEDIATRIC HEADACHES IN SUB-SAHARA AFRICA, BENIN

Mendinatou Agbetou, Willy Tchuenga Fokom, Nelly Dovoedo, Thierry Adoukonou

Aim : Study epidemiology and burden of headaches among children and adolescents in Benin

Methods

- Descriptive and analytical cross-sectional study from April to June 2019
- 16 primary and secondary schools in Benin
- Sampling technique 3-stage random survey
- 2319 children and adolescents respectively aged 6 to 11 and 12 to 17
- HARSHIP questionnaire adapted for children
- IBM SPSS Statistics 21 and STATA MP14.

Conclusion : Headaches are frequent among learners in primary and secondary schools in Benin with a social impact.

Results

- Prevalence of headaches 88.54% CI [87.23-89.84] 89.08% for children; 88.06% for adolescent
- Migraine prevalence 14.95%; tension headache 7.58%; probable drug abuse headache 1.53%
- Impacts and disabilities : school absenteeism (31.79%), disruption of parents' activities (30,33%), lack of concentration (79.68%) and difficult to study
- Associated factors : area of residence ($p=0.000$) and level of study ($p=0.011$) in children; gender ($p=0.021$) and ethnicity ($p=0.043$) in adolescents.

Key words : Headache, pediatric, epidemiology, burden, Benin