

PD, they had benign essential tremor, dementia or cerebrovascular accident.

The crude prevalence rate of PD was **108.75 per 100 000** population. The results of category specific prevalence rates are as follows:

Age: Table 1 shows the age-specific prevalence rates for the total population of the

study. The age is categorized a below 20 years and groups of 10 years age for those 20 years and above. The youngest case was 35 years of age and 94 years was the age of the oldest. The most prominent collection of cases was in the age group of 60-69 years, it contained nine cases representing 36% of the total.

Table-1: Age-specific prevalence rates of Parkinson's disease in Al-Kadhiymia district

| Age group | Population | Prevalence per 10 ⁵ |
|-----------|------------|--------------------------------|
| <20 | 12585 | 0 |
| 20-29 | 3671 | 0 |
| 30-39 | 2852 | 35.06 |
| 40-49 | 1693 | 118.13 |
| 50-59 | 1026 | 487.33 |
| 60-69 | 699 | 1287.55 |
| 70-79 | 317 | 1892.74 |
| >80 | 113 | 2068.97 |
| Total | 22988 | 108.75 |

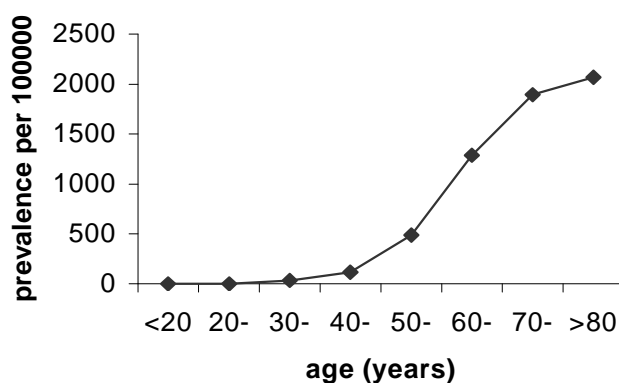


Figure 2: Correlation between prevalence rates of Parkinson's disease with age in Al-Kadhiymia

Gender: The prevalence rate of PD in men (114.7/10⁵) was slightly higher than in women (103.05/10⁵), as shown in table-2. This

difference was statistically not significant ($X^2 = 0.07$, $p=0.789$).