

Dementia in Ismailia Governorate : An epidemiological, neuropsychological, neurophysiological and neuroradiological study

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A cross sectional (door to door) study was conducted in the Ismailia Governorate through six months period. The study included elderly over the age of sixty years. MMSE test was used as initial screening tool to pick up demented subjects.

Prevalence of dementia among elderly over 60 years of age in the Ismailia Governorate was 3.8% (2.5% VD and 0.8% AD).

Mean age of demented subjects was 68.8 + or- 6.72. Dementia was significantly associated with age. Prevalence of dementia among the age group of 60-64 was 2.1% while it was 30% among the age group over the age of 80 years. Vascular dementia "VD" was predominantly the most common type of dementia (65.8% of demented subjects) and specifically the highest incidence was among the age group; of 60-64years old, while Alzheimer's disease was 21.1% of demented subjects and specifically the highest incidence was among the age group 75-79 years old. Hypertension, Diabetes Mellitus and smoking were significantly associated with vascular dementia.

Performance in MMSE decreased with advanced age and with the worse GDS "Geriatric Depression Scale". No significant differences were found among demented subjects according to the areas, gender and literacy.