

## **Epidemiological Aspects and Cause of Deaths of Algerian Doctors during the Period 2010 – 2020**

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### **Abstract**

When practicing their profession, doctors undergo considerable stress and lead a poor lifestyle. They are prone to early death. The Algerian health system has not planned a program for systematically capturing deaths occurring among doctors. Such a tool makes it possible to assess the prevalence of early death, to understand its causes and to establish a national surveillance and prevention program. Convince the Health authorities of the implementation of an administrative death capture system and health monitoring and of the need to install a physician mortality observatory. Estimate the number of deaths - describe the sociodemographic and professional aspects of deceased doctors - classify the causes of mortality. Retrospective descriptive study, based on the collection of information concerning the deaths of surviving practicing doctors during the decade 2010 - 2020. It is based on global research on social networks, the written and online press, and contact by messaging or by telephone from admins, parents, and colleagues. 57 deaths, including 27 during COVID19, 34 men and 23 women, 11 resident doctors, 4 orthopedic surgeons, 16 work in a university hospital. The causes in decreasing order of frequency: sudden death – suicide –

diseases of the circulatory system – chronic diseases – accidents. Conclusion: the most common causes are generally linked to stress and physical and mental exhaustion. The establishment of an observatory with administrative capture of deaths is essential.

**Keywords**

Health system, Health-Observatory, Doctors-Death, Death-causes, Algeria