

## **Mortality of Elderly Persons by Work Accident in the Kairouan Region: Study of 10 Autopsy Cases**

*Beji M  
Majdoub W  
Gharsellaoui S  
Gammoudi B  
Turki E*

*Service de Médecine Légale-CHU Ibn Jazzar Kairouan*

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### **ABSTRACT**

**Introduction:** Older subjects constitute an increasingly dominant population in the professional world as a result of demographic change and later entry into the labor market. The death of elderly subjects by work accident is an increasingly frequent phenomenon, yet little studied in Tunisia.

**Aim:** Study the epidemiological and thanatological peculiarities of the mortality of the elderly subject by work accident in the region of Kairouan.

**Materials and methods:** This is a retrospective study that included 10 cases of death by work-related accident in subjects aged 65 years and over who underwent post-mortem autopsy in the forensic pathology department, Kairouan University Hospital, from January 2009 to December 2016.

**Results:** In our work, we recorded 10 cases of death by work accident.

The average age of the victims was 68 years with extreme age limits of 65 and 70 years. There was a male predominance (7 male cases). The death was most often during an activity related to agriculture. The mechanism most often found was a fall (6 cases). The cause of death was most often isolated head trauma or polytrauma.

All the victims were from rural areas.

**Conclusion:** Aging at work often refers to the decline in functional abilities making elderly people a vulnerable group and making them more vulnerable to work-related accidents.