

Causes of Mortality among Critically Ill Patients Admitted in Intensive Care Unit

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Background: There are only a few studies about the causes of mortality among critically ill patients in Intensive Care Unit (ICU).

Objective: To determine the main causes of death among critically ill patients in ICU.

Design: A Retrospective Study.

Setting: Ibn Sina Teaching Hospital, Hadhramout Province, Yemen.

Method: A retrospective study was conducted in mixed medical-surgical 12-beds Intensive Care Unit from 1 January 2013 to 31 December 2013. Data were collected from the medical records and analyzed using SPSS version 14.

Result: Five hundred one patients were included in the study. The mean age of death was 60.35% (years) and the most common causes of death were from circulatory system disorders 215 (42.91%), followed by 99 (19.76%) renal failure. Most patients were in the age group of ≥ 70 years at the time of death; average hospitalization was 1-7 days. There was a significant statistical relationship between the death in ICU with the age and length of stay ($P = .0001$).

Conclusion: Circulatory system disorders and renal failure were the most common causes of death among the critically ill patients in the ICU.
