

## Hemodialysis patients and disaster preparedness

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## Abstract

**Background and objectives:** A natural disaster is any unplanned event that can cause deaths or significant injuries to employees, patients or the public, or cause disruption to a facility operation with physical or environmental damage. Natural disasters such as floods do occur in Malaysia and dialysis organizations must be ready to deal with any type of disaster. A disaster can occur suddenly but our reasoned response will determine the extent to which damage can be mitigated and operations resumed.

Material and Methods: The study was an analytical –descriptive study with census static which was done in trimester of 2016, information was analysed by spss 19. 50 hemodialysis patients, according to the WHO protocol and using a questionnaire that includes questions and answers about disaster preparedness, emergency preparedness resources, emergency food, diet dialysis lists, medication lists, medical information, emergency boxes was one of the selected hospitals Alborz University of Medical Sciences, Karaj, Iran.

Results: The Results of this study, the mean age of 53.33 percent and 54.7 percent were male, the mean duration of dialysis 6 years, disaster preparedness 30%, emergency food25%, diet dialysis lists 55%, medication lists 40%, medical information65%

Conclusion: This disaster preparedness plan will have provisions to: Ensure the life safety of employees and patients, Train all dialysis employees and patients to react appropriately in a disaster, Ensure the availability of dialysis care (which may necessitate adjusting treatment times or adding shifts), Mitigate damage to property and facility/building contents and Expedite swift resumption of dialysis operations.

Keywords: hemodialysis, disaster, preparedness

