

## EVALUATION HOSPITAL DISASTER PREPAREDNESS IN WEST JAVA PROVINCE, INDONESIA

Suparni<sup>1</sup>, Fatma Lestari<sup>2</sup>

Institute of Health Sciences Dharma Husada Bandung<sup>1</sup>, Universitas Indonesia<sup>2</sup>

nsuparni@stikesdhb.ac.id

### Abstract

**Background :** Ensuring the functionality of hospitals and making them safe in the event of disasters poses a major challenge, not only because of the high number of hospitals and their high cost but because there is limited information about current levels of safety and emergency and disaster management in hospitals. Therefore, the aim of this research is to assess disaster preparedness of hospitals at West Java Province, Indonesia. **Subjects and Methods:** The data for this study were collected from 10 government hospitals in west Java Province using HSI checklist from the World Health Organization (Pan American Health Organization/WHO; 2015) is modified to Bahasa Indonesia Version by the researchers. Analyzing by qualitative method and the sum of the elements for each sub-module led to a total sum, in turn, categorizing by emergency disaster management into one of three categories: A) safe; B) at risk; or C) inadequate. **Results:** The special hospitals (n=3) were all level B, while the public hospitals (n=5) were all categorized as level B, the public hospitals (n=1) were all categorized as level A, the public hospitals (n=1) were all categorized as level C with respect to disaster management. A lack of hospital emergency and disaster response and recovery planning. There was a minimum coordination of emergency and disaster management activities. The results suggest that the level of hospital preparedness, for disaster for government hospital need a commitment and good support systems. **Conclusion:** This study showed that the hospital disaster preparedness level, as measured emergency and disaster management by Hospital Safety Index (HSI), west Java Hospital as a government hospital in a Level A, B and C. The hospital's current safety levels are such that patients, hospital staff and its ability to function during and after a disaster are potentially at risk. The level of hospital preparedness is related to hospital accreditation status. To minimize the damage and the suffering the disasters might cause, it is important to maximally mobilize all human resources to cope with difficult situations

*Keyword: Hospital, Preparedness, Safety, Disaster Management*

