

INTISARI

Latar Belakang: Perawat merupakan tenaga medis dengan jumlah terbesar sehingga perawat memiliki peran penting dalam penanggulangan bencana. Kesiapsiagaan perawat menghadapi bencana merupakan salah satu bagian dari kompetensi bencana berkelanjutan. Dalam rangka peningkatan kompetensi perawat bencana, diperlukan evaluasi tingkat kesiapan perawat di Indonesia dalam menghadapi bencana. *Disaster Preparedness Evaluation Tool* (DPET) merupakan alat untuk mengukur kesiapan perawat mengenai pengetahuan dan ketrampilan menghadapi bencana atau respon setelah bencana. Namun, belum ada yang mengubah DPET menjadi bahasa Indonesia serta menguji validitas dan reliabilitas DPET versi Indonesia (DPET-I). Oleh karena itu, peneliti ingin mengembangkan DPET-I dan menguji validitas konstruk serta reliabilitasnya untuk mengetahui tingkat profesionalitas dan pribadi perawat dalam menghadapi bencana di Indonesia terutama di Kabupaten Sleman.

Tujuan Penelitian: Untuk mengetahui validitas konstruk dan reliabilitas *Disaster Preparedness Evaluation Tool Indonesian Version* bagi perawat di Kabupaten Sleman

Metode: Penelitian ini merupakan penelitian kuantitatif dengan menggunakan rancangan *cross-sectional*. Partisipan dalam penelitian ini adalah perawat yang bekerja di Rumah Sakit di Kabupaten Sleman sejumlah 319 orang. Penelitian ini menggunakan kuesioner DPET-I. Peneliti melakukan uji validitas, reliabilitas, dan analisis faktor eksploratori.

Hasil: Lima faktor DPET-I yaitu manajemen sebelum bencana, pengetahuan persiapan diri, pengetahuan terhadap bioterorisme, pengetahuan dalam lingkungan masyarakat, dan pengetahuan dalam lingkungan kerja diekstraksi sehingga dapat menjelaskan 56% dari total varians. Nilai korelasi setiap item berkisar -0.1213 hingga 0.7152 sehingga hanya terdapat satu item tidak valid. Nilai *Cronbach Alpha* 0.961 untuk semua item DPET-I.

Kesimpulan: *Disaster Preparedness Evaluation Tool Indonesian Version* (DPET-I) valid dan reliabel untuk mengukur kesiapsiagaan perawat di Kabupaten Sleman dalam menghadapi bencana.

Keyword: Analisis faktor eksploratori, *Disaster Preparedness Evaluation Tool Indonesian Version*, reliabilitas, validitas

CONSTRUCT VALIDITY AND RELIABILITY DISASTER PREPAREDNESS EVALUATION TOOL INDONESIAN VERSION (DPET-I) FOR NURSES IN SLEMAN DISTRICT

Alfi Nurfita Chasanah¹, Sulanto Saleh-Danu², Syahirul Alim³

ABSTRACT

Background: Nurses are health workers with the greatest number so nurses have an important role in tackling disaster. The nurses disaster preparedness is a part of disaster management continuum. In order to increase the disaster nurses competence, it needs evaluation in the level of nurses preparedness to handle disaster in Indonesia. *Disaster Preparedness Evaluation Tool* (DPET) is a tool which is used to measure the nurses' preparedness towards knowledge and ability to handle disaster or to respond after disaster. However, there was no one who translate DPET into DPET Indonesian version (DPET-I) and tests its validity and realibility. Therefore, the researcher wants to test construct validity and realibility DPET-I so that we can know the level of professionalism and the personality of nurses to handle disaster in Indonesia especially in Sleman District.

The purpose of the research: To know the construct validity and reliability of *Disaster Preparedness Evaluation Toll Indonesian Version* for nurses in Sleman District.

Methods: This research was quantitative research with using cross-sectional method. The participants in the research were 319 nurses who worked in hospitals Sleman District. The research used DPET-I questionnaire. Researcher did the validity test, reliability, and Exploratory Factor Analysis (EFA)

The Result of The Research: Five DPET-I factors were management before disaster, knowledge of self-preparation, knowledge towards bioterorism, knowledge of community environment, and knowledge of work environment were extracted so that they could explain 56% of total variants. The value of correlation in each item was from -0,1213 up to 0.7152. There was only one invalid item. The value of Cronbach Alpha is 0.961 for all items.

Conclusion: *Disaster Preparedness Evaluation Tool Indonesian Version* (DPET-I) is valid and reliable instrument for measuring nurses' disaster preparation.

Keyword: *Disaster Preparedness Evaluation Tool Indonesian Version, exploratory factor analysis, reliability, validity*

¹Bachelor of Nursing Student, Faculty of Medicine, University Gadjah Mada

²School of Public Health, Faculty of Medicine, University Gadjah Mada

³School of Nursing, Faculty of Medicine, University Gadjah Mada