

EFEKTIFITAS INTERVENSI *BEHAVIOR BASED SAFETY* (BBS) SEBAGAI UPAYA
UNTUK MENGURANGI *UNSAFE BEHAVIOR* PERAWAT DI INSTALASI GAWAT
DARURAT RSUD Dr. ISKAK TULUNGAGUNG

KUSUMANINGTYAS, YUNI

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NURSE; *UNSAFE BEHAVIOR*

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SUMMARY

**EFFECTIVENESS OF BEHAVIOR BASED SAFETY (BBS) INTERVENTION AS
AN EFFORT TO REDUCE UNSAFE BEHAVIOR AMONG NURSES IN
EMERGENCY DEPARTMENT OF RSUD
DR. ISKAK TULUNGAGUNG**

Safety work has been basically regulated in Indonesia since 1970, followed by the regulation which is officially stated in act No. 1 about safety work. It states that every worker has a right to get safety protection in working for the welfare. The protection can be used in all sectors formally and informally. One of them is in RSUD Dr. Iskak Tulungagung, especially in emergency department (ED). ED is a type of healthcare service that focuses on preventing mortality and preventing disability. As the unit, it requires fast activities and correct procedures and healthcare workers. This unit often ignores safety of their own by keeping unsafe behavior during work, without realizing that diseases and ergonomic problems can threaten them. Therefore, BBS intervention is needed to alleviate unsafe behavior in ED of RSUD Dr. Iskak public hospital, Tulungagung.

BBS is psychological research application which gives protection to the workers from occupational hazard. The advantage of this strategy is the flexibility to implement in any fields of work and the result has been proven in many occupational hazard researches in industry. Therefore, based on that fact BBS, it also can be performed in hospital. The form of BBS intervention which was conducted is a seminar by using lecturing method with 16 people as population sample. Variables to be researched included the level of knowledge, unsafe behavior and the characteristics of ED nurses including sex, age, marriage, level of education and work experience. The characteristics of data and the level of knowledge were collected via questionnaires, while unsafe behavior was scored by using Critical Behavior Checklist (CBC).

Based on the result of processing data, the level of knowledge increased and the level of unsafe behavior decreased significantly after BBS intervention. It was concluded that the application of BBS intervention to the ED nurses of RSUD Dr. Iskak public hospital was effective. The result was similar to the previous researches, in which BBS was able to minimize unsafe behavior level among workers up to 50% in industry. The result of this research should become a consideration for RSUD Dr. Iskak Tulungagung hospital management to diminish the unsafe behavior level not only for workers in ED but also in other available units.

ABSTRACT**EFFECTIVENESS OF BEHAVIOR BASED SAFETY (BBS) INTERVENTION AS AN EFFORT TO REDUCE UNSAFE BEHAVIOR AMONG NURSES IN EMERGENCY DEPARTMENT OF RSUD DR. ISKAK TULUNGAGUNG**

Many research result a conclusion that unsafe behavior is categorized as the main cause of workplace accident. In the real condition, nurses in emergency department do unsafe behavior when they want to save patient quickly and correctly. Therefore, BBS strategy exists in order to overcome the problem. This experiment was quasi experimental with one group pretest posttest design. The numbers of sample were 16 people. Intervention was given in the form of lecturing seminar. The sample characteristics and level of knowledge were collected by using questionnaires, while unsafe behavior was discovered via marking with CBC method. Based on Wilcoxon Signed Ranks Test, the score of p with level of knowledge (0,001) and unsafe behavior (0,002) was less than α (0,005) which meant the level of knowledge and unsafe behavior level were different before and after BBS intervention, therefore it was concluded that BBS intervention which was given to the nurses of emergency department in RSUD Dr. Iskak was effective.

Keywords: Nurse, emergency department, unsafe behavior and BBS intervention effectiveness.