

ANALYSIS OF HOSPITAL PREPAREDNESS FOR DISASTER FACING BASED ON THE HOSPITAL SAFETY INDEX AT ISLAMIC HOSPITAL UNISMA MALANG

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ABSTRACT

RSI Unisma Malang is located in Lowokwaru District, which ranks as the second-RSI Unisma) Malang is located in Lowokwaru District, the second-highest disaster-prone area in Malang City according to BPS data in 2023. The potential for floods, extreme weather, landslides, and earthquakes places the hospital in a disaster-prone zone that threatens the safety of patients, employees, and visitors, as well as potentially disrupting health services. This study aims to analyze the preparedness level of RSI Unisma based on the Hospital Safety Index (HSI) developed by WHO. The research design used a descriptive quantitative approach with data collected through the HSI questionnaire, interviews, observations, and document reviews. The analysis was conducted by calculating scores on structural, non-structural, and functional aspects. The results showed that the HSI score of RSI Unisma was 0.56, which falls into the “Moderately Safe” category, indicating that the hospital is fairly capable of functioning during disasters but still has risks of failure in certain components. The highest score was found in the structural aspect, reflecting relatively safe building conditions, while the main weaknesses were in emergency management, particularly communication coordination, limited planning documents, and the lack of preparedness training. These findings indicate that the hospital’s preparedness is still dominated by the structural aspect but remains suboptimal in functional aspects. This is consistent with studies in other hospitals showing that emergency management capacity is often the weakest point even when building structures are relatively strong. Therefore, improving preparedness should focus on contingency planning, strengthening communication systems, and conducting regular training for all staff. Overall, this study emphasizes that routine evaluation using the HSI is essential as a foundation for improving hospital quality and safety in disaster situations.

Keywords: *Hospital Safety Index (HSI), Disaster, Preparedness*