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Index of Nausea, Vomiting, and Retching Among Cancer Patients With Chemotherapy-Induced Nausea and Vomiting

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ABSTRACT

Background: Symptoms of nausea and vomiting in patients undergoing chemotherapy occur quite frequently in a variety of conditions and can be triggered by different types of drugs or combinations of drug mechanisms and significantly affect the patient's quality of life and compliance with therapy.

Purpose: This study aims to identify the Index of Nausea, Vomiting, and Retching (INVR) among cancer patients with chemotherapy-induced nausea and vomiting.

Methods: This research used a descriptive design with a cross-sectional approach which was carried out at one of the general hospitals in Yogyakarta from March to September 2023. The target sample was 40 respondents taken using a purposive sampling technique. The instrument used is The Index of Nausea, Vomiting, and Retching (INVR). Data were analyzed using descriptive statistics analysis.

Results: The results of the study showed that the Index of Nausea, Vomiting, and Retching (INVR) in cancer patients with symptoms of nausea and vomiting induced by chemotherapy had an average score of 7.55 from a score range of 0-32 and the majority were in the moderate category.

Conclusion: The findings provide valuable information regarding NVR among cancer patients undergoing chemotherapy. Nurses should always assess the NVR among cancer patients and offer preventive interventions to prevent and control NVR occurrence and its distress.

Keywords: Cancer; Chemotherapy; INVR; Nausea; Retching; Vomiting

Topic: Caring for Communicable and Non-Communicable Diseases