



*Int. J. New. Chem.*, 2022, Vol. 9, Issue 1, pp. 157-164.

## International Journal of New Chemistry

Published online in <http://www.ijnc.ir/>.

Open Access

Print ISSN: 2645-7237

Online ISSN: 2383-188x



### Original Research Article

## Evaluation of Changes in the Severity of Nausea and Vomiting Following Breast Surgery at Different Times

Hamzeh Hosseinzadeh <sup>1</sup>, Leila Soltani <sup>2</sup> \*

<sup>1</sup> Professor of Anesthesiology, Tuberculosis and Lung Disease Research Center, Tabriz University of Medical Sciences, Tabriz, Iran (ORCID: 0000-0001-9384-420X Email: Hoseinzadeh\_H@Gmail.com)

<sup>2</sup> MS of Nursing, Tuberculosis and Lung Disease Research Center, Tabriz University of Medical Sciences, Tabriz, Iran

*Received: 2021-05-16*

*Accepted: 2021-10-19*

*Published: 2021-11-19*

### ABSTRACT

Nausea and vomiting following breast surgery are the most common complications of this surgery; The incidence of these complications varies in different ethnicities and geographical areas. The aim of this study was to evaluate the changes in the severity of nausea and vomiting following breast surgery at different times. This cross-sectional descriptive study was performed during 2019 and 2020 in Imam Reza Hospital (Tabriz Medical Sciences) with the participation of 174 women candidates for breast surgery. The severity of nausea and vomiting at different times until after discharge was measured and recorded for each patient and its severity changes over time were measured by Chi-square test. The results of nausea showed that the highest rate of nausea was on the day of surgery and the lowest rate of nausea was on the second day after surgery. The highest number of vomiting was in the day after surgery and the lowest amount of vomiting was in two days after surgery. Pain intensity was highest on the first day and lowest on the second day. Although PONV and PDNV have been identified as problems that require clinical management, our ability to prevent these troublesome symptoms, especially nausea, appears to be limited.

**Keywords:** Nausea, Vomiting, Breast Surgery, Pain