

ABSTRACT

Wirindri, Eriska, Ayu. 2014. **Profile and The Accuracy of *Frozen section* of the Breast Tumor in Anatomy Pathology Installation, dr. Saiful Anwar Hospital, Malang for a Period of 2011 to 2013.** Thesis, Medical Education Program of Medicine Faculty, Brawijaya University. Advisors : (1) dr. Eviana Norahmawati, Sp.PA (K). (2) dr. Soemardini, M.Pd

Recently the incidence of breast tumor in women is increase, high rate of mortality mostly caused by breast tumor malignancy. *Frozen section* is a diagnostic test tool that can determine the nature of benign and malignancy tumors in a short time. In addition, *Frozen section* can be a guidance in determining the action in surgery. This study has purpose to describe the profile and measure the accuracy of *Frozen section* diagnosis of patients with breast tumor in Anatomy Pathology Installation, RSU dr. Saiful Anwar, Malang for a period of 2011 - 2013. The results showed that the youngest patients with breast tumors was 26 years old and the oldest was 86 years old with the highest rate of occurrence of breast tumor was between 41-50 years. Also obtained that the most common benign breast tumors is *Fibroadenoma* and the most common malignant breast tumors are *Infiltrating Ductal Carcinoma*. The findings show that the study obtained 209 cases of patients with breast tumor that were treated with *Frozen section* examination and followed up with the histopathology examination for operation result. Based on the 209 cases, the obtained accuracy of *Frozen section* examination was as follows: 100% for accuracy, 100% for sensitivity, 100% for specificity, 100% for positive prediction, and 100% for negative prediction. Based on this result, sensitivity and specificity values were high enough. However, surgeon should concern that there is possibility of false positive and false negative on *Frozen section* examination. From the study it can be concluded that *Frozen section* it has a higher intraoperatif diagnostic accuracy for breast tumor.

Keywords : Breast tumor, Diagnosis Accuracy, *Frozen section*