MANAGEMENT OF FIBROADENOMA USING VIDEO-ASSISTED BREAST SURGERY

(RETROSPECTIVE STUDY)

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Abstract

Background: Video-Assisted Breast Surgery (VABS) is a therapeutic modality and can be an alternative surgical technique for the management of benign breast tumors, especially fibroadenoma.

Material and Method: This study was a retrospective observational analytic study. A total sampling was conducted. It included all the populations of fibroadenoma patients with a size of < 5 cm who had undergone VABS in Indonesia.
Result: Thirteen patients (20 tumors) were diagnosed with USG and FNAB examinations and had the excision of the tumor using VABS. The average age of the respondents was 31.15 years (16-44 years). There were 9 patients with 1 tumor (69%), 1 patient with 2 tumors (7%), and 3 patients with 3 tumors (24%). No severe complications were found. There were 4 cases with mild complications of ecchymosis.

Conclusion: VABS is an efficient surgical method for the management of benign breast tumors, including small-sized fibroadenoma.

Keywords: fibroadenoma, endoscopy, VABS, surgery