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## Breast papillary lesions: an analysis of 70 cases

**Mauricio Camus A**

Pontifical Catholic University of Chile, Chile

**Introduction:** Papillary breast lesions are rare and constitute less than 10% of benign breast lesions and less than 1% of breast carcinomas.

**Objective:** To analyze the clinical presentation, preoperative evaluation, and surgical and anatomopathological characteristics of the patients operated on for papillary breast lesions.

**Material & Methods:** It is a retrospective descriptive and analytical study. We analyzed the database of patients with definitive histopathological diagnosis of papillary breast lesions operated on at our institution from January 2004 to May 2013.

**Results:** During the period described, 70 patients with histopathological diagnosis of papillary breast lesions were operated upon. The median age was 50 years (19–86 years). Thirty-seven patients (52.8%) were symptomatic at diagnosis. Preoperative ultrasound was reported to be altered in all patients. A mammography showed pathologic findings in only 50% of cases. All patients underwent partial mastectomy, after needle localization under ultrasound, if the lesion was not palpable on physical examination. The final pathological diagnosis was: benign papillary lesion in 55 patients (78.6%) and malignant in 15 patients (21.4%). Adjuvant treatment was performed in all malignant cases. Median follow-up was 46 months (3–115 months).

**Conclusions:** Patients with papillary breast lesions presented with symptoms in half of all cases. There was a high frequency of malignancy (21.4%), therefore surgical resection was recommended for papillary breast lesions.

### Biography

Mauricio Camus A is a Breast Surgeon, Associate Professor, and Chief of the Department of Surgical Oncology, Pontificia Universidad Católica de Chile. He is the President of Chilean Society of Mastology during 2014-2016; President of Federation of Cancerology Societies of South America (2012-2014); Vice-president Chilean Society of Surgeons (2010-2012); President Chilean Society of Cancerology (2008-2010). He is an active member of the Board of the Senologic International Society and President of the Scientific Committee of the Latin American Federation of Mastology. He has published 18 papers in reputed international journals and 35 papers in Chilean journals. He has been serving as an Editorial Board Member of 2 reputed journals.

mauriciocamus79@gmail.com

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