

## CHAPTER IV

### RESULTS

#### **Incidence and Dermographic findings**

From January 2006 to December 2010, there were 1,385 cases of breast cancer in Maharaj Nakorn Chiang Mai hospital. Of 1,385 cases, 176 cases contained in situ component. LCIS group was detected in 19 (10.79%) cases (13 pure LCIS, 6 combined LCIS with DCIS) and DCIS was found in 155 (88.06%) cases. In our study, there were only two types of LCIS, 16 classic (84.2%) and 3 pleomorphic types (15.8%). For DCIS components, 25 (15.3 %) were pure comedo pattern, 70 (42.9 %) were combined comedo- and non-comedo patterns whereas 68 (41.7%) were combined non-comedo patterns.

The patients' age are ranged from 28 to 78 years old, with mean age of 52.0 years. 92 cases (52.3%) were found in left side of breast (R:L ratio of 1:1.1).

All 19 (10.79%) LCIS cases were found in association invasive carcinoma (invasive ductal carcinoma, or invasive lobular carcinoma or combined invasive ductal and lobular carcinoma), Table 1.

Of 16 classical LCIS cases, five (31.25%) cases were coexisted with invasive lobular carcinoma and 11 (68.75%) with invasive ductal carcinoma while pleomorphic type were found with invasive ductal carcinoma 66.67 % and 33.33% with one invasive lobular carcinoma.

Forty-three (24.4%) cases were DCIS alone whereas Tabel 1. Remaining 120 (68.18%) were combined with LCIS, invasive ductal carcinoma and/or invasive lobular carcinoma.

From our study, E-cadherin staining were different between LCIS and DCIS as well as among LCIS groups (classical and pleomorphic groups) ,Table 2. Among classic LCIS seven (43.8%) cases of classical LCIS were completely negative, while focal positive staining and focal loss staining were observed in 5 cases (31.3%) and 4 cases (25%), respectively. In the group of pleomorphic LCIS, 2 (66.7%) cases revealed focal expression while 1 (33.3%) case showed focal loss of expression. None of LCIS cases (CLCIS and PLCIS) revealed faint positive and positive staining E-cadherin staining.

E-cadherin expression in DCIS group; comedo pattern revealed strong expression in 21 (87.5%) cases whereas 3 (12.5%) cases showed faint expression. There are two cases (2.9%) of DCIS, comedo with combined pattern demonstrated focal loss of E-cadherin expression.

