ABSTRAK

Latar belakang : Karsinoma payudara merupakan penyakit yang bersifat heterogen dan dikelompokkan menjadi berbagai subtipe molekular berdasarkan profil ekspresi protein ER,PR,Her-2,Ki67. Stadium merupakan faktor klinikopatologis penting karsinoma payudara. Hubungan antara subtipe molekular karsinoma payudara dengan stadium belum jelas dan perlu diteliti sehingga terapi dan prognosis dapat ditentukan lebih tepat.

Metode: Design penelitian ini adalah *cross sectional*, dengan sampel blok parafin penderita karsinoma payudara duktal invasif dari Rumah Sakit Sardjito tahun 2008-2009. Sampel dicat IHC dengan antibodi anti ER,PR,Her 2,KI67 untuk menentukan subtipe molekular. Hubungan subtipe molekular dengan stadium dianalisis dengan chi-square.

Hasil: Pada penelitian ini, didapatkan asosiasi yang positif dan signifikan antara subtipe molekular karsinoma payudara dengan stadium.Subtipe luminal banyak dijumpai pada stadium awal dan subtipe non luminal banyak dijumpai di stadium lanjut serta

memiliki risiko 2.51 kali lebih besar menjadi stadium lanjut.

Kesimpulan: terdapat hubungan yang signifikan antara subtipe molekular dengan stadium karsinoma payudara.

Kata kunci: Subtipe molekular karsinoma payudara, stadium

Abstract

Background: Breast Carcinoma is one kind of heterogeneous disease and it is grouped as breast carcinoma molecular subtypes based on the protein expression gene ER,PR,Her-2 and KI67. Stage is an important clinicopathologic factor for breast carcinoma. The relation between breast carcinoma molecular subtype and stage is still unclear because of that, more researches sould be done so treatment and prognostic of breast carcinoma can be determined well.

Method: The research design is cross sectional and the samples use breast carcinoma patients'paraffin blocks(2008-2009) from Sardjito hospital. The samples are painted by using IHC antibody anti ER,PR,Her -2,

and KI67 to determine the breast carcinoma molecular subtype. The relation between molecular subtype and stage is analyzed by chi-square.

Result: this research is gotten positive association and significant between breast carcinoma molecular subtype and stage. The Luminal subtype can be found in the early stage and non luminal subtype is found in the late stage , beside that it has 2,51 higher risk to be late stage than luminal subtype.

Conclusion: There is a significant relation between molecular subtype and stage of the breast carcinoma.

Keyword: breast carcinoma molecular subtype, stage