HUBUNGAN INDEKS MASSA TUBUH DAN USIA DENGAN *GRADING* HISTOPATOLOGI PASIEN KARSINOMA MAMMAE INVASIF *NO SPECIAL TYPE* DI RSPAD GATOT SOEBROTO TAHUN 2021

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Abstrak

Pendahuluan. Keganasan pada sel di payudara disebut dengan karsinoma mammae, karsinoma mammae invasif *no special type* adalah tipe yang paling sering ditemukan, pada tahun 2020 di Indonesia ditemukan jumlah kasus baru sebanyak 65.858 kasus. Jumlah pasien karsinoma mammae invasif NST di RSPAD pada tahun 2021 terdapat 191 pasien. Penelitian terdahulu menunjukkan adanya hubungan indeks massa tubuh dan usia dengan *grading* histopatologi karsinoma mammae, namun penelitian yang membahas hubungan kedua variabel tersebut dengan *grading* histopatologi karsinoma mammae invasif NST belum banyak ditemukan. **Tujuan.** Penelitian ini bertujuan untuk mengetahui hubungan indeks massa tubuh dan usia dengan *grading* histopatologi karsinoma mammae invasif NST di RSPAD Gatot Soebroto Tahun 2021. **Metode.** Metode pada penelitian ini adalah analitik observasional dan desain penelitian *cross sectional*, pengambilan sampel menggunakan data sekunder rekam medis pasien secara *simple random sampling* dari populasi sebanyak 107 pasien dan sampel sebanyak 84. Distribusi frekuensi masing-masing variabel dijabarkan pada analisis univariat dan hubungan antara variabel dianalisis menggunakan analisis bivariat dengan analisis uji *chi-square*. **Hasil.** Tidak ditemukan adanya hubungan antara indeks massa tubuh dengan *grading* histopatologi (p=0,685), pada analisis bivariat antara usia dengan *grading* histopatologi didapatkan p=1 sehingga hubungan antara kedua variabel tidak didapatkan. Keterbatasan sampel pada penelitian ini dan kurang bervariasinya sampel dapat menjadi faktor penyebab tidak adanya hubungan antara kedua variabel dan perbedaan hasil terhadap penelitian terdahulu. **Kesimpulan:** Tidak terdapat hubungan antara variabel indeks massa tubuh dan usia dengan *grading* histopatologi pasien karsinoma mammae invasif NST.

Kata kunci: Karsinoma Mammae Invasif *No Special Type*, Indeks Massa Tubuh, Usia, *Grading* Histopatologi

RELATIONSHIP BETWEEN BODY MASS INDEX AND AGE WITH HISTOPATHOLOGICAL GRADING OF INVASIVE BREAST CARCINOMA OF NO SPECIAL TYPE PATIENTS AT RSPAD GATOT SOEBROTO IN 2021

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Abstract

Background. *Malignancy in cells in the breast is called mammary carcinoma, invasive breast carcinoma no special type is the most commonly found type, in 2020 in Indonesia there were 65,858 new cases. The number of patients with invasive breast carcinoma NST at RSPAD in 2021 is 191 patients. Previous studies have shown a relationship between body mass index and age with histopathological grading of mammary carcinoma, but studies that discuss the relationship between these two variables and histopathological grading of invasive breast carcinoma NST have not been found.* ***Objective.*** *This study aims to determine the relationship between body mass index and age with histopathological grading of invasive breast carcinoma NST at Gatot Soebroto Army Hospital in 2021.* ***Method.*** *The method in this study was observational analytic and cross sectional research design, sampling using secondary data from patient medical records by simple random sampling from a population of 107 patients and a sample of 84. The frequency distribution of each variable was described in univariate analysis and the relationship between variables was analysed using bivariate analysis with chi-square test analysis.* ***Results.*** *There was no relationship between body mass index and histopathological grading (p=0.685), in bivariate analysis between age and histopathological grading obtained p=1 so that the relationship between the two variables was not found. The limited sample in this study and the lack of variety in the sample could be a contributing factor to the absence of an association between the two variables and the difference in results to previous studies.* ***Conclusions.*** *There is no association between body mass index and age variables with histopathological grading of invasive mammary carcinoma NST patients.*

*Keywords: Invasive Breast Carcinoma of No Special Type**,** Body Mass Index, Age, Histopathological Grading*