

ABSTRACT

Background :Ovarian cancer is a malignancy in the female reproductive organs whose etiology is not known with certainty. However, there are several underlying factors, namely age, number of parity, obesity, use of hormone therapy after menopause, genetic factors, age of menarche, age of menopause, gynecological procedures and unhealthy living habits.

Objective :Knowing the relationship between Age, Parity, Age of Menarche, and Body Mass Index (BMI) with the incidence of Ovarian Cancer at Raden Mattaher Jambi Hospital in 2020-2021.

Method :The research design uses an analytic survey method through an approach *cross sectional*

Results :The results of bivariate analysis obtained a relationship between parity (*pvalue* = 0.017) and Age of Menarche (*pvalue* = 0.030) with the incidence of ovarian cancer at Raden Mattaher Jambi Hospital in 2020-2021. There is no age relationship (*pvalue* = 0.441) and Body Mass Index (*pvalue* = 0.628) with the incidence of ovarian cancer at Raden Mattaher Jambi Hospital in 2020-2021

Conclusion :There is a significant relationship between parity and age of menarche and ovarian cancer at Raden Mattaher Jambi Hospital in 2020-2021 and There is no significant relationship between age and body mass index with the incidence of ovarian cancer at Raden Mattaher Hospital Jambi in 2020-2021

Keywords: Ovarian Cancer, Age, Parity, Age of Menarche, Body Mass Index

ABSTRAK

Latar Belakang : Kanker ovarium adalah salah satu penyakit keganasan pada organ reproduksi Wanita yang tidak diketahui secara pasti etiologinya. Namun, ada beberapa faktor yang mendasari, yaitu usia, jumlah paritas, obesitas, penggunaan terapi hormon setelah menopause, faktor genetik, usia menarche , usia menopause, tindakan ginekologi serta kebiasaan hidup kurang sehat.

Tujuan : Mengetahui hubungan antara Usia, Paritas, Usia Menarche, dan Indeks Massa Tubuh (IMT) dengan kejadian Kanker Ovarium di RSUD Raden Mattaher Jambi Tahun 2020-2021.

Metode : Desain penelitian dengan menggunakan metode survei analitik melalui pendekatan *cross sectional*

Hasil : Hasil analisis bivariat diperoleh adanya Hubungan antara Paritas ($p\text{ value} = 0,017$) dan Usia Menarche ($p\text{ value} = 0,030$) dengan kejadian Kanker Ovarium di RSUD Raden Mattaher Jambi Tahun 2020-2021. Tidak ada hubungan usia ($p\text{ value} = 0,441$) dan Indeks Massa Tubuh ($p\text{ value} = 0,628$) dengan kejadian Kanker Ovarium di RSUD Raden Mattaher Jambi Tahun 2020-2021.

Kesimpulan : Terdapatnya hubungan bermakna antara Paritas dan Usia Menarche dengan Kanker Ovarium di RSUD Raden Mattaher Jambi Tahun 2020-2021 dan Tidak terdapatnya hubungan bermakna antara Usia dan Indeks Massa Tubuh dengan Kejadian Kanker Ovarium di RSUD Raden Mattaher Jambi Tahun 2020-2021

Kata Kunci : Kanker Ovarium, Usia, Paritas, Usia Menarche, Indeks Massa Tubuh