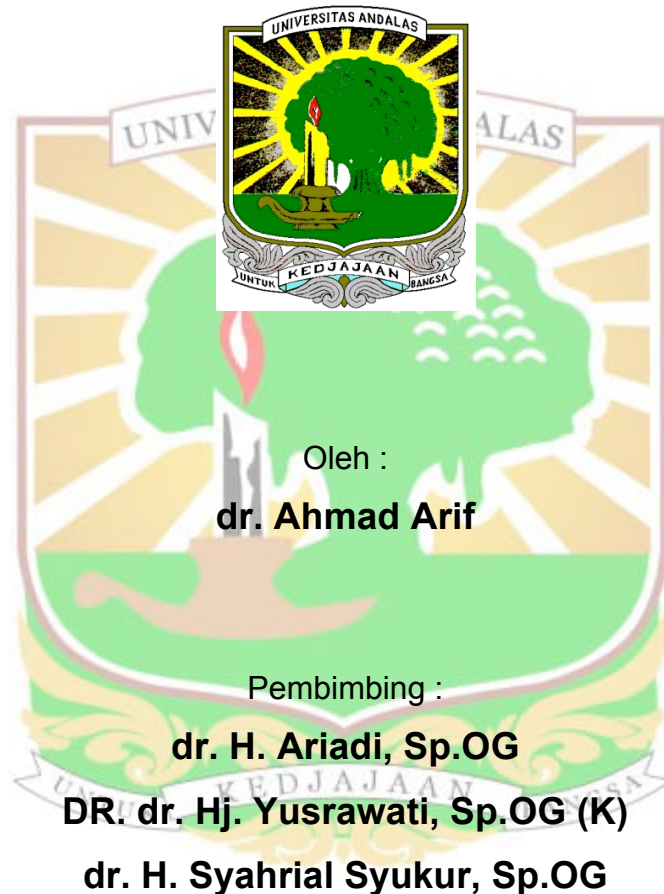


**PERBEDAAN RERATA KADAR *TNF- α* DAN FERITIN ANTARA
PASIEN KETUBAN PECAH DINI *PRETERM*
DAN KEHAMILAN *PRETERM***

TESIS



**PROGRAM PENDIDIKAN DOKTER SPESIALIS OBSTETRI DAN
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ABSTRACT

MEAN DIFFERENCES TNF- α AND FERRITIN BETWEEN PRETERM PREMATURE RUPTURE OF MEMBRANES AND PRETERM PREGNANCY

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Abstract

Objective : This study aims to determine mean differences TNF- α and ferritin between preterm premature rupture of membranes and preterm pregnancy.

Methods : The study was conducted with cross-sectional comparative design. The study population of all woman between 28 - 34 weeks has come to polyclinic and Dr. M. Djamil General Hospital Padang, Rasyidin Regional Hospital Padang, Reksodiwiryono Army Hospital Padang, Bhayangkara Hospital, Pariaman Hospital and Lubuk Buaya Primary Health Care Padang with preterm premature rupture of membranes and preterm pregnancy. Total sample 80 people. Total sample 80 people. Data were bivariate analyzed by independent T test.

Results : The mean TNF- α level was higher in preterm premature rupture of membranes 244.57 ± 136.12 ng/ ml compared with preterm pregnancy 188.06 ± 39.82 ng/ ml. The mean ferritin level was higher in preterm premature rupture of membrane 136.24 ± 36.78 ng/ ml compared with preterm pregnancy 16.43 ± 11.54 ng/ ml. There were significant mean differences TNF- α and Ferritin levels between preterm premature rupture of membranes and preterm pregnancy.

Conclusion : There were significant mean differences TNF- α and Ferritin levels between preterm premature rupture of membranes and preterm pregnancy.

Keywords : Preterm premature rupture of membranes, preterm, Zinc, TNF- α , Ferritin

ABSTRAK

PERBEDAAN RERATA KADAR TNF- α DAN FERITIN ANTARA PASIEN KETUBAN PECAH DINI *PRETERM* DAN KEHAMILAN *PRETERM*

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Abstrak

Tujuan : Penelitian ini bertujuan mengetahui perbedaan rerata kadar TNF- α dan feritin antara pasien ketuban pecah dini *preterm* dan kehamilan *preterm*.

Metode : Penelitian dilakukan dengan desain *cross-sectional comparative study*. Populasi penelitian seluruh ibu hamil dengan usia kehamilan 28 - 34 minggu yang datang ke Poliklinik dan Ruang Bersalin RSUP. Dr. M. Djamil Padang, RSUD Rasyidin Padang, RST Reksodiwiryo Padang, RSUD Pariaman dan puskesmas Lubuk Buaya Padang dengan diagnosis ketuban pecah dini *preterm* dan kehamilan *preterm*. Total sampel 80 orang. Analisis data dilakukan secara bivariat dengan uji T independent.

Hasil : Rerata kadar TNF- α lebih tinggi pada ketuban pecah dini *preterm* $244,57 \pm 136,12$ ng/ml dibandingkan kehamilan *preterm* $188,06 \pm 39,82$ ng/ml. Rerata kadar feritin lebih tinggi pada ketuban pecah dini *preterm* $136,24 \pm 36,78$ ng/ml dibandingkan kehamilan *preterm* $16,43 \pm 11,54$ ng/ml. Terdapat perbedaan kadar TNF- α dan Feritin yang bermakna antara pasien ketuban pecah dini *preterm* dan kehamilan *preterm*.

Kesimpulan : Terdapat perbedaan kadar TNF- α dan Feritin yang bermakna antara pasien ketuban pecah dini *preterm* dan kehamilan *preterm*.

Kata Kunci : Ketuban pecah dini *preterm*, *preterm*, TNF- α , Feritin