

PEMERIKSAAN KADAR ASAM URAT DALAM DARAH PADA WANITA MENOPAUSE DI PANTI WREDHA DHARMA BHAKTI, LAWEYAN, KOTA SURAKARTA.

EXAMINATION OF BLOOD URIC ACID LEVELS IN MENOPAUSAL WOMEN AT PANTI DHARMA BHAKTI, LAWEYAN, SURAKARTA

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INTISARI

Menopause adalah berhentinya menstruasi secara permanen yang terjadi akibat hilangnya aktivitas folikular ovarium. Semakin sedikit folikel berkembang, semakin berkurang pembentukan hormon di ovarium, yaitu hormon progesteron dan estrogen. Menurunnya estrogen pada wanita menopause mengakibatkan kadar asam urat dalam darah akan meningkat. Dengan ini penulis ingin mengetahui apakah terjadi peningkatan kadar asam urat di dalam darah pada wanita menopause.

Karya Tulis Ilmiah ini disusun berdasarkan penelitian eksperimental yang dilakukan di Laboratorium Universitas Setia Budi Surakarta, dan ditunjang dengan teori pustaka yang ada. 20 sampel serum darah wanita menopause diperiksa kadar asam uratnya dengan menggunakan metode *Enzymatic Photometric Test* menggunakan TBHBA (2, 4, 6 – tri bromo – hydroxyl benzoid acid).

Dari hasil pemeriksaan kadar asam urat pada 20 sampel wanita menopause, didapatkan hasil yaitu dengan jumlah 45% mengalami peningkatan dan 55% tidak menunjukkan adanya peningkatan.

Kata Kunci : Kadar Asam Urat, Menopause.

ABSTRACT

Menopause is the time in female's life when her monthly menstruation permanently stops due to the loosing of ovarian follicular activities. The fewer follicles growing are, the fewer hormone (progesterone and estrogen) formation activities in the ovary will be. A decline in estrogen in menopausal women results in increased uric acid levels. Therefore, the writer is motivated to investigate whether there is an increase in blood uric acid levels in menopausal women.

This scientific writing paper was composed on the basis of the experimental research conducted in the Laboratory of Setia Budi University of Surakarta and supported with theoretical reviews. A total of 20 blood serum samples of menopausal women were studied to find out the uric acid levels using *Enzymatic Photometric Test* with TBHBA (2,4,6-tri bromo-hydroxyl benzoid acid).

Based on the results of uric acid level examination on 20 samples from menopausal women, it was found that a total of 45% samples appear to have elevated uric acid levels and 55% samples do not show any increase.

Keywords: uric acid levels, menopause.