

Perbandingan indeks androgen bebas dalam darah pada perempuan dewasa dengan akne vulgaris menetap dan tanpa akne vulgaris = Comparison of blood free androgen index in adult women with persistent acne vulgaris and without acne vulgaris

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Abstrak

[**ABSTRAK**]

Latar Belakang Prevalensi akne vulgaris (AV) pada perempuan dewasa tinggi dengan morbiditas psikososial bermakna. Akne vulgaris yang timbul saat remaja dan berlanjut hingga umur lebih dari 25 tahun disebut sebagai AV menetap (AVM). Hormon androgen memiliki peranan terpenting dalam patogenesis AVM. Indeks Androgen Bebas (IAB) adalah metode yang bagus untuk mengevaluasi kadar hormon androgen. Perbedaan ras berpengaruh pada variasi kadar hormon androgen antara individu.

Tujuan Untuk mengetahui perbandingan nilai IAB dalam darah pada perempuan dewasa dengan AVM dan tanpa AV.

Metode Penelitian kasus kontrol.

Hasil Nilai IAB dalam darah pada perempuan dewasa dengan AVM memiliki median 1,93 (minimum 0,46 - maksimum 9,88). Nilai IAB dalam darah pada perempuan dewasa tanpa AV memiliki median 1,05 (minimum 0,24 - maksimum 2,42). Nilai IAB dalam darah pada perempuan dewasa dengan AVM lebih tinggi dibandingkan tanpa AV, dengan perbedaan yang bermakna secara statistik ($p=0,014$).

Kesimpulan Nilai IAB dalam darah pada perempuan dewasa dengan AVM lebih tinggi dibandingkan tanpa AV.

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ABSTRACT

Background The prevalence of acne vulgaris (AV) in adult women is high with significant psychosocial morbidity. Acne vulgaris which occur in adolescence and continue until age more than 25 years is mentioned as persistent acne vulgaris (PAV). Androgen hormone has the most important role in PAV pathogenesis. Free Androgen Index (FAI) is a good methode to evaluate androgen hormone level. Race difference influent the variation of androgen hormone level between individual.

Objective To investigate the comparison of blood FAI in adult women with PAV and without AV.

Methods Case control study.

Result The blood FAI in adult women with PAV has median 1,93 (minimum 0,46 - maksimum 9,88). The blood FAI in adult women without AV has median 1,05 (minimum 0,24 - maksimum 2,42). The blood FAI in adult women with PAV is higher than without AV, with difference which is statistically significant. ($p=0,014$).

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