

Efek androgen deprivation therapy terhadap profil lipid dan profil glukosa pada pasien kanker prostat di RSUP H Adam Malik Medan = The effect of androgen deprivation therapy on the lipid profile and blood glucose level in prostate cancer patients in h adam malik general Hospital Medan

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Abstrak

ABSTRAK

Terapi Androgen Deprivation Therapy (ADT) adalah salah satu tatalaksana untuk pasien dengan kanker prostat stadium lanjut yang berhubungan dengan adanya perubahan dari komposisi masa tubuh dan mencetuskan adanya resistensi dari insulin perifer. Penelitian ini dilaksanakan di RSUP H. Adam Malik, Medan sejak Juni 2014 hingga Juni 2015. Terapi ADT menyebabkan peningkatan secara signifikan sebelum dan 6 bulan sesudah pemberian kadar gula darah post prandial 121.12 21 mg/mL vs 134.64 33.35 mg/mL, p-value=0.011 dan Glycosylated hemoglobin HbA1C 5 0.5 vs 5.5 0.79 , p-value = 0.000 . Pemberian ADT selama 3 sampai 6 bulan juga secara signifikan meningkatkan kadar Trigliserida TG 104.4 38.67 vs 131.2 32.27 vs 127 33.43, p-value = 0.005 .

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ABSTRACT
Therapy ADT is one of the treatments in patients with advanced prostate cancer in which has been linked to the changes in body mass composition and induction of insulin peripheral resistance in many studies. This research was conducted at Dr H. Adam Malik, Medan from June 2014 to June 2015. ADT administration is found to cause a significant elevation of 2 hour postprandial blood glucose 121.12 21 mg mL vs 134.64 33.35 mg mL, p value 0.011 and Glycosylated hemoglobin 5 0.5 vs 5.5 0.79 , p value 0.000 HbA1c after 6 months of therapy. Additionally, ADT administration within 3 and 6 months of duration had also significantly increased triglyceride TG level when compared to before treatment 104.4 38.67 vs 131.2 32.27 vs 127 33.43 respectively, P value 0.005 .