

## PERBEDAAN PROFIL LIPID DAN KADAR ASAM URAT PADA PASIEN DIABETES MELITUS TIPE II DENGAN DAN TANPA HIPERTENSI

<b>Title</b>	PERBEDAAN PROFIL LIPID DAN KADAR ASAM URAT PADA PASIEN DIABETES MELITUS TIPE II DENGAN DAN TANPA HIPERTENSI
<b>Author Order</b>	of
<b>Accreditation</b>	
<b>Abstract</b>	<p>Diabetes Mellitus type 2 is the 7th world of death problem with the 95% proportion rate. Hypertension has also a correlation with this condition. The mortality of cardiovascular is 2-3 times over from diabetics with hypertension than diabetics with normotension which caused by lipid and aciduric disturbances. This study was conducted using cross-sectional design. Twenty-five sample of diabetics normotension and 25 sample of diabetics patient along with hypertension in Ajibarang Hospital District Banyumas and comply with inclusion-exclusion criteria were taken using consecutive sampling. Data from the cholesterol and triglyceride total test were collected and analyzed with Mann-Whitney test. Additionally, HDL cholesterol and LDL was analyzed using T-Test. This Study showed that average total cholesterol from diabetics along with hypertension patients was in a range of 185.16 <math>\pm</math> 36.59 and Diabetics patient without hypertension was 196.76 <math>\pm</math> 44.62 (<math>p = 0,503</math>). Besides, the average rate of triglyceride level on diabetics patient with hypertension was 181.76 <math>\pm</math> 72.68 and diabetics patient along without hypertension was 180.28 <math>\pm</math> 125.75 (<math>p=0,367</math>). The average rate of HDL cholesterol level on diabetics patient with hypertension was 39.12 <math>\pm</math> 11.07 and diabetics patient along without hypertension was 42.37 <math>\pm</math> 14.98 (<math>p = 0,387</math>). In addition, Average rate of LDL level on diabetics patient with hypertension was 112.57 <math>\pm</math> 24.77 and diabetics patient along without hypertension was 118.33 <math>\pm</math> 37.41 (<math>p = 0,524</math>). The average rate of uric acid on diabetics patient with hypertension was 6,120 <math>\pm</math> 1,45 and diabetics patient along without hypertension was 5,768 <math>\pm</math> 2,45 (<math>p=0,200</math>). As a conclusion, there is no difference with total cholesterol, triglyceride, HDL, LDL cholesterol, and uric acid significant from diabetics patient with or without hypertension in Ajibarang Hospital District Banyumas in 2016.</p>
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