

**PEMERIKSAAN PROTOMBIN TIME (PT) DAN ACTIVATED PARTIAL
TROMBOPLASTIN TIME (APTT) PADA
PEMINUM ALKOHOL**

**(EXAMINATION OF PROTOMBIN TIME (PT) AND ACTIVATED PARTIAL TROMBOPLASTIN TIME (APTT) ON
ALKOHOLISEM)**

INTISARI

Wicaksono. A.R. 2018. "Pemeriksaan Protombin Time (PT) Dan Activated Partial Tromboplastin Time (APTT) Pada Peminum Alkohol". Program Studi D-III Analisis Kesehatan, Fakultas Ilmu Kesehatan Universitas Setia Budi. Pembimbing : Dr. Lucia Sincu Gunawan. M.Kes

Minuman keras banyak menimbulkan dampak negatif dalam tubuh mental dan kehidupan sosial manusia dan terkadang dapat menyebabkan kematian pada seseorang. Sejumlah penelitian menunjukkan bahwa etanol juga secara langsung mempengaruhi hemostasis melalui sejumlah mekanisme, termasuk modulasi faktor koagulasi plasma, fibrinolisis, dan fungsi trombosit. *Protombin Time* pemeriksaan yang menilai kemeampuan faktor koagulasi ekstrinsik dan *Activated Partial tromboplastin Time* pemeriksaan yang menilai jalur koagulasi intrinsik dan jalur koagulasi bersama. Tujuan penelitian ini adalah untuk mengetahui *Protombin Time* dan *Activated Partial Tromboplastin Time* pada sampel peminum alkohol.

Penelitian ini dilaksanakan di laboratorium hematologi klinik Universitas Setia Budi. Tiga puluh sampel darah vena sitrat didapatkan dari peminum alkohol di Desa Segaran Delanggu Klaten. Pemeriksaan *Protombin Time* dan *Activated Partial Tromboplastin Time* dilakukan dengan metode manual dikerjakan dengan teknik *tilt tube*. Data yang di peroleh diolah secara deskriptif.

Berdasarkan pemeriksaan *Protombin Time* dan *Activated Partial Tromboplastin Time* yang telah dilakukan pada Laki-Laki peminum alkohol di Desa Segaran Delanggu Klaten dari 30 sampel peminum alkohol pada pemeriksaan *Protombin Time* nilai pemeriksaan normal sebanyak 2 orang (6,7%), sedangkan nilai pemeriksaan di bawah normal sebanyak 28 orang (93,3%) dan pada pemeriksaan *Activated Partial Tromboplastin Time* nilai pemeriksaan di bawah normal sebanyak 30 orang (100%).Peminum alcohol dianjurkan untuk mengurangi atau tidak mengkonsumsi alcohol dan menerapkan pola hidup sehat dan terlepas dari konsumsi alcohol.

Kata Kunci : PT, APTT, Alkohol

ABSTRACT

Wicaksono. A.R. 2018. "Examination of Protombin Time (PT) And Activated Partial Tromboplastin Time (APTT) on Alkoholisem". The Study Program of Three-Year Diploma (D-III) in Medical Laboratory Technology. The Faculty of Health Sciences. Universitas Setia Budi. Supervisor: Dr. Lucia Sincu Gunawan. M.Kes

Liquor has a lot of negative impacts in the mental body and human social life and can sometimes bring death to someone. A number of studies have shown that ethanol also directly affects hemostasis through a number of mechanisms, including modulation of plasma coagulation factors, fibrinolysis, and platelet function. Protombin Time examination that assesses the ability of extrinsic coagulation factors and Activated Partial Tromboplastin Time examination that assesses intrinsic coagulation pathways and coagulation pathways together. The purpose of this research is to know Protombin Time and Activated Partial Tromboplastin Time on alcohol drinker sample.

This research was conducted in clinical hematology clinic of Setia Budi University. Thirty venous citrate blood samples were obtained from alcohol drinkers in Segaran Delanggu Klaten Village. Examination of Protombin Time and Activated Partial Tromboplastin Time is done by manual method done by tilt tube technique. The data obtained is processed descriptively.

Based on examination of Protombine Time and Activated Partial Tromboplastin Time which have been done on Male alcohol drinkers in Segaran Delanggu Klaten Village from 30 samples of alcohol drinkers on examination of Protombine Time normal examination value of 2 people (6.7%), while examination value below normal for as many as 28 people (93.3%) and on examination of Activated Partial Tromboplastin Time under normal examination value of 30 people (100%) Alcohol drinkers are encouraged to reduce or not to consume alcohol and apply a healthy lifestyle and regardless of alcohol consumption.

Keywords : PT, APTT, Alkohol