ABSTRACT

Correlation of ALT/AST and Bilirubin Levels in Hepatitis C Patients at Internal Medicine Department of Dr. H Abdul Moeloek Lampung Province along January-December 2014

By

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Viral hepatitis C is a disease that can be contagious inflammation of the liver caused by the hepatitis C virus. Viral hepatitis consists of five types of hepatitis such as hepatitis A, hepatitis B, hepatitis C, hepatitis D and hepatitis E. This disease become a major problem in Indonesia. Therapy of hepatitis C virus in Indonesia by providing antivirus and pegilated interferon. ALT/AST and bilirubin are products of the liver which in case of liver damage, there will be the result in abnormalities in liver enzymes and bilirubin. This study aimed to determine the effect of increased levels of ALT/AST with total bilirubin levels in Hepatitis C patients at Internal Medicine Department of Dr. H Abdul Moeloek, Lampung Province from January to December 2014. The result showed that when there’s an increased bilirubin levels so liver enzymes will be increased too. But, increased liver enzymes and bilirubin levels don’t specify that individual is infected by hepatitis C.

Keywords: ALT/AST, Bilirubin, Hepatitis C