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## **Why and how? Hepatitis C infection become a common issue among hemodialysis patients in a hemodialysis center Jakarta, Indonesia and a comparison of survival percentage of those hemodialysis patients with hepatitis infection between two hemodialysis centers in Jakarta, Indonesia and Penang, Malaysia**

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Isolation and using special hemodialysis machine are not necessary for hemodialysis patients who have been infected by hepatitis C viral from the Association of Nephrologist in Indonesia (Pernefri) recommendation meanwhile Ministry of Health Malaysia gives recommendation that hepatitis C patients will be dialyzed in a separate room or a separate area with a fixed partition and dedicated machines. The aim is to identify the correlation between the recommendation which had been followed by two hemodialysis centers in different countries and the impact of that to the hepatitis C infection issue. A cohort prospective and retrospective study was done in this research. The study included hemodialysis patients who had followed up for 9 months and who died in last 5 years. Universal sampling was used to select the inclusion criteria. There was a significance relationship between HCV first checked and HCV second checked among 9 months followed up hemodialysis patients in HD center Jakarta, Indonesia. The total number of patients who had hepatitis C in the second checked increased around 30% of total hemodialysed patients who infected HCV in the first check in this HD center. Besides, provide special hemodialysis rooms and machines for hemodialysis patients with hepatitis C, minimizing blood transfusion to the patients on hemodialysis is important to reduce the chance for the patients to get hepatitis C and to increase the percentage of the survival.

### **Biography**

Diana Laila Ramatillah has completed her PhD from Universiti Sains Malaysia. She is the Head of Department of Pharmacist program at Universitas 17 Agustus 1945, Jakarta, Indonesia. She has published more than 30 papers, 100 case reports in national, international and reputed journals. She has published two books about clinical pharmacy internationally. She is the active Member of pharmacy organization in Indonesia. She had experience as a speaker in national and international forum and two times received grants from Indonesian government for clinical pharmacy research.

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