

## ABSTRACT

### THE RELATIONS BETWEEN HEMODIALYSIS ADEQUACY AND THE LIFE QUALITY OF END STAGE RENAL DISEASE PATIENTS IN RUMAH SAKIT ABDUL MOELOEK BANDAR LAMPUNG 2014

By

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*Chronic Kidney Disease (CKD) is a long-term condition which is indicated by lower glomerulate filtrate rate and higher albumin urine level. Chronic Kidney Disease affects more than 5-10% world population. End Stage Renal Disease (ESRD) is the last stadium of CKD which needs renal replacement therapy, such as hemodialysis. The triumph of hemodialysis can be reached by its adequacy, while adequacy itself has relations with the patient's life quality. The aim of this research is to find out the relations between hemodialysis adequacy and the life quality of ESRD patients in Rumah Sakit Abdul Moeloek Bandar Lampung 2014. This is a correlative-analytical cross sectional study. Hemodialysis patients were given SF-36 questionnaire while the hemodialysis adequacy was being counted. The result shows that 65% patients didn't reach adequacy, 53,8% patients got low quality of life scores. Statistically, there are relations between hemodialysis adequacy and the life quality of ESRD patients in Rumah Sakit Abdul Moeloek Bandar Lampung 2014 ( $p < 0,05$ ), however, the correlations is moderate (0,405).*

**Keyword:** *adequacy, chronic kidney disease, health-related quality of life, hemodialysis*