

Relationship between medication adherence and health literacy in patients after PCI in china

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Abstract

Rational, aims, and objectives: To probe into the status of medication adherence in patients after PCI and its correlation with health literacy. **Methods:** A total of 260 patients after PCI in cardiology department of three hospitals in Zhengzhou, were investigated by two questionnaire, which are 8-item Morisky Medication Adherence Scale and Chronic Disease Health Literacy Scale. **Results:** The score of medication adherence was 5.21 ± 2.04 , the score of health literacy was 80.8 ± 24.43 ; Multivariate linear regression analysis results showed that degree of education, the number of hospitalization, monthly income, course of diseases were the influencing factors of medication adherence, which could explain 61.2% of the total variation; The medication adherence in patients after PCI was positively correlated with health literacy. **Conclusion:** The higher levels of health literacy positively influenced medication adherence scores in patients after PCI. Nursing staff should assist the patients after PCI to establish self-health management awareness, in order to improve their medication adherence.

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