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Impact of clinical pharmacist in improving quality of life of patients affected with acute coronary syndrome in tertiary care hospital

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The morbidity and mortality associated with ACS are substantial as half of all deaths are due to cardiovascular diseases. Despite the obvious value of these measures, others like quality of life (QOL) are considered of great importance. QOL seems to be useful for defining health both in terms of how individuals feel (distress and well-being) and in terms of how they evaluate their health and prospects for the future. This single blinded double arm interventional research was performed in Coronary Care Unit (CCU) Department of Medicine, RMMC Hospital over 60 patients to illustrate the expenditure in harmony with achieved desired therapeutic outcomes by analyzing QOL of patients using WHO QOL brief questionnaire for major domains and also prescription analysis i.e., drugs prescribed in generics, drugs prescribed according to WHO essential drug list and providing patient care like patient counselling, patient leaflet etc. The overall mean score of WHO QOL BREF questionnaire of experimental group was 58.2 ± 8.65 which was comparatively higher than 45.95 ± 1.08 of control group. After the first baseline follow up of 2 months the mean WHO QOL score in experimental group was recorded as 48.24 ± 4.29 whereas 43.91 ± 2.62 in control group. At the final follow up after 6 months the WHO QOL score of experimental group (71.97 ± 4.98) was remarkably higher than control group (47.59 ± 3.66). Thus impact of clinical pharmacist showed a significant change in patient's QOL.

Biography

G Nikhitha Reddy is working as PharmD Intern in Annamalai University Chidambaram, Tamil Nadu. She has attended a national conferences RTNDDS'13 in Pondicherry. Apart from Academic curriculum we are trained to do ward duties in 1400 bedded hospital which is attached to our college.

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