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Cancer cure plan & its impact in oral chemotherapy in cancer patients

Rajat Rana¹, Aravinda Swami¹, Soumadip Das¹, K K Perumal¹ and Isha Patel²

¹Annamalai University, India

²University of Michigan, USA

Objective: To implement and evaluate impact of “Cancer Cure Plan” in cancer patients undergoing chemotherapy.

Method: A prospective double arm interventional study was conducted at R.M Medical College & Hospital during 3 months period. Under Cancer Cure Plan a set of interventions viz. Face To Face Medication Counseling, SMS alerts regarding medication schedule, Pill Count Method and a well-designed drug regimen schedule leaflet was administered to the patients undergoing oral chemotherapy. The outcomes were measured in terms of increased compliance & reduced adverse reactions. Data was collected and analyzed statistically.

Results: A total of 54 patients were assigned randomly into two equal groups. Out of which the study group received Cancer Cure Plan along with the chemotherapy where as other group received only chemotherapy. There was 23% reduction in adverse events in the study group from baseline events where as 6.8% reduction in control group after first follow-up. During the second follow-up a reduction of 57.2% was recorded in adverse events in study group from baseline whereas in other group it was 12.5%. The compliance was improved by 64.6% in the group who received Cancer Cure Plan when compared to control group.

Conclusion: This study concludes a significant impact of Cancer Cure Plan in reducing the adverse events and improving patient compliance. Also this study endorses the substantial role of patient education and counseling in improving therapeutic outcomes in chemotherapeutic patients.

rajatrana91@gmail.com