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“Better care plan” in paediatric patients affected with asthma

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Asthma is a chronic inflammatory disorder of airways. Asthma is thought to affect 3% of population in most countries. Asthma is one of the most commonly under diagnosed and UN treated disease which further creates substantial burden on individuals and their families. Three to five percent of paediatric population in India is affected by asthma where as in adults it ranges from 3-11%. This study was a non-invasive, observational, prospective, cohort study conducted in paediatrics ward, department of paediatrics, RMMC & Hospital over 61 patients to analyse the prescribing pattern i.e., to evaluate the drug- prescribing trend of anti-asthmatics drugs by physicians in RMMCH. In this study the categories of drugs, antibiotic prescribing pattern, drug therapy regimens, list of drugs complying with WHO, NATIONAL, T. N essential drug list will be analysed by including the number of prescriptions. A total of 61 patients completed the study in which almost 40% of patients were in the age group of 9-12 years and 60% were in the 0-8 year's age group. More than the half i.e., 57. 3% of patients have moderate asthma, following with mild and severe. The overall mean of FVC and FEV1 in experimental group was 3.39 ± 0.32 and 2.85 ± 0.29 which was comparatively higher 2.97 ± 0.82 and 2.42 ± 0.77 of control group. The overall mean score of WHO QOL BREF questionnaire of experimental group was 58.21 ± 7.86 which was comparatively higher than 48.59 ± 6.36 of control group. Thus patient education increased the knowledge about Asthma and importance of self-care, and lifestyle modifications.

Biography

Vummarao Tejaswi is working as PharmD Intern in Annamalai University Chidambaram, Tamil Nadu. She has attended a national conferences RTNDDS'13 in Pondicherry.

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