



## Review Note International Journal of Pharmacy

Prachi K

SBS PGI, Dehradun, India

\*Corresponding author e-mail: [prachik561@yahoo.com](mailto:prachik561@yahoo.com)

Received on: 23-07-2020; Revised on: 26-07-2020; Accepted on: 30-07-2020

**Keywords:** Pharmacy, Peer education, Prescription drug monitoring program, Cetrizine Hydrochloride, Tablets

### EDITORIAL

International Journal of Pharmacy commemorates its decade long service to the scientific community by consistently publishing peer-reviewed articles and tracking the progress and significant advancements in the field of pharmacy. Ever since its inception in the year 2010, in addition to regular issue releases on a quarterly basis, this transdisciplinary journal is also releasing special issues and conference proceedings from time to time, thus comprehensively covering a wide range of topics and emerging challenges in pharmacy. The journal focuses on application oriented research on pharmaceutical sciences, drug delivery systems, biochemical and biophysical principles with bio-technology, biomedical and biological relevance and utility. In this issue some of the recent and impactful research articles that were published by the journal will be discussed.

Peer-education between university undergraduate students and high school pupils is a novel approach to healthcare promotion that is of benefit to both the pupils and the students. Williams E, et al. [1] presented their review wherein, they have shown how Peer Education: An Effective Teaching Approach to Supporting Pharmacy Undergraduate and High School Pupil Learning. Interactive workshops designed to last approximately 55 minutes covering public health topics relevant to 14-16 year olds (Alcohol, Antibiotic Resistance, Diabetes, Mental Health & Sexual Health Awareness) were developed and co-designed with teachers, with workshop learning outcomes mapped to the appropriate key stage of the UK National Curriculum. The study revealed that high school pupils benefit by improved knowledge and attitudes towards particular healthcare issues and for undergraduate pharmacy students peer education provides an ideal opportunity for students to practice and contribute their future role into public health promotion.

Evaluation of Cetrizine Hydrochloride-Loaded Orally Disintegrating Tablets for Disintegration Time and Dissolution Studies. Poornima P, et al. [2] have shown the effect of three different super disintegrants, sodium starch glycolate (SSG), Polyplasdone XL and croscarmellose sodium (CCS) alone as well as in combination of SSG and Polyplasdone XL at different ratio (25:75, 50:50 & 75:25)

and also without disintegrants. The authors proved that the formulation having two super disintegrants in combination shows higher percentage drug release at initial time points when compared to the formulation containing SSG as disintegrant. Thus study revealed combination of SSG and Polyplasdone XL could be a better replacement for the formulations containing SSG alone as disintegrant.

With the aim to evaluate the Mandatory use of prescription drug monitoring program (PDMP) databases by prescribers, Al-Manie S, et al. [3] have shown the Prescription Drug Monitoring Programs and Opioid Poisoning: Evaluating the Impact of Prescriber Use Mandates on Prescription Opioid Poisoning Emergency Department Visits. The authors found that, mandate policy is effective in reducing prescription opioid poisoning ED visits and their associated costs. This can increase prescribers and pharmacists use of the system, supporting PDMPs effectiveness. Decision makers should consider ways. The main goal of this study is to maximize the implementation of prescriber use mandates, and adopt other policies or practices that enhance the effectiveness of PDMPs.

These research articles published by the journal have immense relevance and significance in development, optimization and evaluation of of Cetrizine Hydrochloride-Loaded Orally Disintegrating Tablets; Peer-education novel approach to healthcare promotion and use of prescription drug monitoring program.

### REFERENCES

1. Williams, E., Willis, S.C., Allison D.G. Peer Education: An effective teaching approach to supporting pharmacy undergraduate and high school pupil learning. Int J Pharm. 2019;9(2): 19-23.
2. Poornima, P., Geetha, K., Sandhya, P. Evaluation of cetrizine hydrochloride-loaded orally disintegrating tablets for disintegration time and dissolution studies. Int J Pharm. 2019;9(2): 10-19.
3. Al-Manie, S. Prescription drug monitoring programs and opioid poisoning: Evaluating the impact of prescriber use mandates on prescription opioid poisoning emergency department visits. Int J Pharm. 2019;9(2): 1-09.