

HEB

An Overview: Concurrent course of Paracetamol and Ibuprofen As Anti-pyretics only to rehabilitate

JOHP

malaise and Not as a 'thermal phobia' control therapy, in Febrile Ill Patients

*Karpakavalli M^{*1}, Nagaraja Perumal G², Prabakaran S³, Prakash G⁴, Sasikala M⁵ and Mohan S⁶*

^{1,3,4}Department of Pharmaceutical Chemistry, Karpagam College of Pharmacy, Coimbatore-641032. Tamil Nadu, India;

²Department of Pharmacology, Karpagam College of Pharmacy, Coimbatore-641032. Tamil Nadu, India;

⁵Department of Pharmaceutical Analysis, Karpagam College of Pharmacy, Coimbatore-641032. Tamil Nadu, India;

⁶Department of Pharmaceutical Biotechnology, Karpagam College of Pharmacy, Coimbatore-641032. Tamil Nadu, India;

Email: sreemenakag@gmail.com.

ABSTRACT

Fever or febrile illness is the symptom or metabolic activity of human body to prevent and protect from microbial attack. Among a wide variety of NSAIDs drugs only these two drugs are used, and their variety of formulations are obtained, which is due to the increased efficacy of these drugs. On severe ill conditions especially in the case of ICU patients the efficacy of the Paracetamol is reduced because of hepatic toxicity, whereas, Ibuprofen though shows rapid and longer duration of action in any patients, are with lesser consideration owing to their kidney failure, triggering of asthma in pediatric patients and GIT irritation side effects. The alternating administration of Paracetamol and Ibuprofen might sometimes, shows good results and in other times leading to severe problem. Combined therapy shows better result and shows high efficacy with lesser side effects. Combined therapy of Paracetamol and Ibuprofen is not well validated by clinical trials as any report of severe conditions not occurred. Pediatric preparations such as syrup and tablet are obtained in combined form. In case of preparations for adults the combination is absent or negligible. The combined therapy of Paracetamol and Ibuprofen are in its initial stage or only limited studies are attempted on it. So the combination therapy gives us a glimpse on febrile illness treatment both in

pediatric and general medicine.

Access this Article Online

Website: <http://www.journalofhospitalpharmacy.in>

Received on 24/05/2018

Accepted on 31/05/2018 © PEN All rights reserved

Quick Response Code:

