



International Journal of Pharmaceutics & Pharmacology

Available Online: <http://ijpp.edwiserinternational.com>

An Overview of Clinical Pharmacology of Delafloxacin

Hina Rehman and Safila Naveed

Department of Pharmacy Practice, Faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan

Article info

Received 24 April 2018
Status: Under Evaluation

*Corresponding author: Hina Rehman, Department of Pharmacy Practice, Faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan, E-mail: drhinarehman@hotmail.com

Abstract

Objective: Delafloxacin is fluoroquinolone antibiotics indicated for the treatment of acute bacterial skin and skin structure infections (ABSSSI). It is new addition in the class of fluoroquinolone and shows better results with the pathogen *Streptococcus pyogenes*, *Streptococcus agalactiae*, *Staphylococcus aureus* and Methicillin with both susceptible and resistant conditions. By viewing, the current paper is based on clinical pharmacology and practice of Delafloxacin.

Methods: Phase I, II and III clinical trial has published on clinical efficacy and safety. Till phase III clinical trial, there is no significance safety concerns appeared. The article concludes the clinical pharmacology of Delafloxacin include basic mechanism of action, clinical pharmacology including pharmacokinetics and dynamics, clinical Efficacy and indicated the current therapeutic uses and practices.

Key-findings: No significant drug interaction has been reported yet and showed good tolerance in phase III clinical trial.

Conclusion: Delafloxacin can considered to be the best attractive option for gram positive and expect more usage with new practices and indications in future.

Keywords: Delafloxacin; Fluoroquinolone antibiotics; Clinical pharmacology

This manuscript is under-going peer review process
Academic Editor: Dr. Shakir Saleem

Copyright: ©2018 Rehman H, et al. This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made.

