## CLINICAL PHARMACOLOGY REVIEW

NDA: 20-634 S043 (Tablets);	Submission Date(s): December 20, 2006
20-635 S046 (Injection);	
21-721 S011 (Oral Solution)	
Brand Name	Levaquin®
Generic Name	Levofloxacin
Reviewer	Seong H. Jang, Ph.D.
Team Leader	Phil M. Colangelo, Pharm.D., Ph.D.
OCP Division	DCP4
OND Division	DSPTP
Sponsor	Johnson & Johnson
Submission Type; Code	Pediatric Study Report; SE5
Formulation; Strength(s)	Tablets: 250 mg, 500 mg and 750 mg
	Oral Solution: 25 mg/mL
	Single dose Injection:
	500 mg in 20 mL; and 750 mg in 30 mL
	Levaquin in 5% Dextrose Injection:
	250 mg in 50 mL; 500 mg in 100 mL; and
	750 mg in 150 mL
Proposed Indications	None; Adding pediatric safety and PK information
Dosage and Administration	Not Applicable

Levofloxacin (Levaquin<sup>®</sup>) Tablets, Injection and Oral Solution are approved products for the treatment of adults (≥ 18 years of age) with acute bacterial sinusitis, acute bacterial exacerbation of chronic bronchitis, nosocomial pneumonia, community-acquired pneumonia, complicated skin and skin structure infections, uncomplicated skin and skin structure infections, chronic bacterial prostatitis, complicated urinary tract infections, acute pyelonephritis, uncomplicated urinary tract infections caused by susceptible strains of designated microorganisms, and prevention of inhalational anthrax, post-exposure as listed in the final product labeling.

The sponsor does not wish to pursue a pediatric indication for Levaquin<sup>®</sup> for either CAP or AOM in these current supplemental NDAs. Thus, no Clinical Pharmacology / Pharmacokinetic information for levofloxacin in pediatric patients will be included in the proposed labeling for these supplemental NDAs.

Seong H. Jang, Ph.D.
Reviewer
Clinical Pharmacology
DCP4/OCP/OTS

Concurrence

Phil Colangelo, Pharm.D., Ph.D. Team Leader Clinical Pharmacology DCP4/OCP/OTS This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.

/s/

\_\_\_\_\_

Seong Jang 6/8/2007 09:53:22 AM BIOPHARMACEUTICS

Phil Colangelo 6/12/2007 02:15:36 PM BIOPHARMACEUTICS