

**VANCOUVER GENERAL HOSPITAL  
CSU PHARMACEUTICAL SCIENCES  
NON-FORMULARY DRUG DATA SHEET**

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**DRUG NAME**

Levofloxacin

**ALTERNATE NAME**

LEVAQUIN

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**STRENGTH**

250 mg / 50 mL D5W  
500 mg/ 100 mL D5W  
750 mg/150 mL D5W

**DOSAGE FORM**

Injection

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**INDICATIONS**

- treatment of community acquired pneumonia

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**RECONSTITUTION, STABILITY AND COMPATIBILITY**

- stable at room temperature; protect from light
- compatible with commonly used IV solutions
- compatible via Y-site with amikacin, aminophylline, ampicillin, cefoTAXime, clindamycin, DOPamine, gentamicin, lorazepam, metoclopramide, morphine, penicillin G, sodium bicarbonate, vancomycin
- do not co-administer with any solution containing multivalent cations, e.g. magnesium, through the same IV line

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**ADMINISTRATION**

IV intermittent:           - 250 mg or 500 mg infused over 60 minutes  
                                     - 750 mg infused over 90 minutes

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**DOSAGE**

For Community Acquired Pneumonia (CAP) Adults:

- 750 mg IV Q24H
- Dosage adjustments required in patients with renal dysfunction:

Creatinine Clearance (mL/min)	Dose
50 or more	full dose
20 to 49	750 mg IV Q48H
less than 20	750 mg initial dose, then 500 mg IV Q48H
hemodialysis or CAPD	750 mg initial dose, then 500 mg IV Q48H (or 3 times/week during hemodialysis)

Neither hemodialysis nor CAPD significantly remove levofloxacin

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**KNOWN SIDE EFFECTS\***

- allergic/hypersensitivity reactions
- IV infusions administered faster than 60 minutes may cause hypotension
- injection site pain, inflammation
- nausea, diarrhea, headache, constipation
- may cause CNS stimulation leading to tremor, restlessness, lightheadedness, confusion and rarely hallucinations or convulsive seizures

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**SPECIAL PRECAUTIONS**

- use with caution in patients with pre-existing neurological disease, patients receiving theophylline preparations or any condition which may lower the seizure threshold (e.g. alcoholism)
- contraindicated in prepubertal patients and those who have shown hypersensitivity to levofloxacin or other quinolone antibiotics

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**\*REPORT ANY ADVERSE DRUG REACTIONS TO CSU PHARMACEUTICAL SCIENCES**

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