

Levofloxacin

【ICRAL2】Cravit® IV 250mg/50mL/Bot

ATC Code : J01MA12

【ICRAL5】Cravit® IV 500mg/100mL/Bot

中文名： 可樂必妥靜脈輸液 《第一三共》

【ILEV7】Levofor® IV 750mg/150mL/Bag

ATC Code : J01MA12

中文名： 雷明靜脈輸液 《意欣》

【OCRA5】Cravit® 500mg/Tab

ATC Code : J01MA12

中文名： 可樂必妥膜衣錠 《第一三共》

適應症： 治療成人因對 Levofloxacin 有感受性的致病菌所引起之下列感染：急性鼻竇炎、慢性支氣管炎的急性惡化、社區性肺炎、複雜性泌尿道感染（包括：腎盂腎炎），慢性細菌性前列腺炎，皮膚和軟組織感染。

藥理分類： **Antibiotic, Fluoroquinolone; Respiratory Fluoroquinolone.**

用法用量： Safety and efficacy not established in children < 18 yr.

Administration:

Tablet—

1. Oral, administered without regard to meals.
2. Take at least **2 hours before or 2 hours after** antacids containing magnesium or aluminum, sucralfate, metal cations (eg, iron), multivitamin preparations with zinc.
3. Maintain adequate hydration of patient to prevent crystalluria or cylindruria.

Parenteral:

1. Slow IV infusion **over 60 to 90 minutes** (250 to 500 mg over 60 minutes; 750 mg over 90 minutes);
 2. Avoid rapid or bolus IV infusion due to risk of hypotension.
 3. Avoid administration through an intravenous line with a solution containing multivalent cations (eg, magnesium, calcium).
 4. Maintain adequate hydration to prevent crystalluria or cylindruria; **NOT** for IM, SubQ, or intrathecal administration.
- No dosage adjustment needed when switching from IV to oral administration, or vice versa.

Indications and dosage regimen:

Adults

Respiratory Tract Infections:

- **Acute Sinusitis**: Oral or IV, 500 mg QD for 10-14 days
- **Acute Exacerbations** of Chronic Bronchitis: Oral or IV, 500 mg QD for 7 days
- **Community-acquired Pneumonia** (CAP): Oral or IV, 500 mg QD for 7-14 days
Alternatively, 500 mg QD for 5 days can be used for treatment of CAP caused by *S. pneumoniae* (penicillin-susceptible strains), *H. influenzae*, *H. parainfluenzae*, *C. pneumoniae*, or *M. pneumoniae*.
- Nosocomial Pneumonia: Oral or IV, 500 mg QD for 7-14 days

Skin and Skin Structure Infections:

- Uncomplicated Infections: Oral or IV, 500 mg QD for 7-10 days
- Complicated Infections: Oral or IV, 750 mg QD for 7-14 days

Urinary Tract Infections (UTIs) and Prostatitis:

- Uncomplicated UTIs: Oral or IV, 250 mg QD for 3 days
- Complicated UTIs: Oral or IV, 250 mg QD for 10 days
- Acute Pyelonephritis: Oral or IV, 250 mg QD for 10 days
- Chronic Prostatitis: Oral or IV, 500 mg QD for 28 days

Dosage in Patients with Renal Impairment:

Table. Recommended dosage in adults with renal impairment

Clcr (mL/min)	Dose Regimen		
	250mg/24hrs first dose:250mg	500mg/24hrs first dose:500mg	500mg/12hrs first dose:500mg
50-20	then: 125mg/24hrs	then: 250mg/24hrs	then: 250mg/12hrs
19-10	then: 125mg/48hrs	then: 125mg/24hrs	then: 125mg/12hrs
10 (including hemodialysis and CAPD)*	then: 125mg/48hrs	then: 125mg/24hrs	then: 125mg/24hrs

*No additional doses are required after hemodialysis or continuous ambulatory peritoneal dialysis (CAPD).

不良反應：胃腸不適、腹瀉、眩暈、頭痛、倦怠感、過敏反應。

交互作用：

- **Fluoxetine**, escitalopram, buprenorphine, hydroxyzine, sertraline, donepezil, hydroxychloroquine, dronedarone, ondansetron, metronidazole, class Ia antiarrhythmic agents: ↑ risk of QT-interval prolongation.
- **Dexamethasone**, hydrocortisone, methylprednisolone, triamcinolone, prednisolone, cortisone: ↑ risk of tendon rupture.
- **Warfarin**: ↑ risk of bleeding.
- **Potassium** sulfate/magnesium sulfate/sodium sulfate: ↓ absorption of fluoroquinolone antibiotics.
- **Aluminum**, calcium or magnesium containing products: ↓ oral fluoroquinolone antibiotic effectiveness.
- **Theophylline**: may result in theophylline toxicity (nausea, vomiting, palpitations, seizures).
- **Antidiabetic** agents: ↑ risk of hypoglycemia or hyperglycemia.

- 注意事項：
- 1.對未發育完全者軟骨組織具毒性。
 - 2.曾使用過 fluoroquinolone 而發生肌腱問題者，禁用本藥。
 - 3.本劑勿投用於 aspiration pneumonia（因其對 anaerobe 無效）。
 - 4.有 G6-PD 潛在性或事實上的缺乏者，應小心使用。
 - 5.IV 製劑對光敏感，需於使用前方可自避光包裝中取出，以免藥效喪失。
 - 6.若要服用鐵劑、制酸劑或 sucralfate 時，應至少相隔 2 個小時，此乃因可能會降低 levofloxacin 的吸收。
 - 7.服用本藥期間需注意血糖變化。若發生低血糖，請停藥並適當處置。
 - 8.服藥後如有突發性腹痛、胸或背痛，應立即就醫。
 - 9.服藥後如出現肌腱疼痛、腫脹或發炎的症狀，須立即回診告知醫師。
 - 10.雖然使用 levofloxacin 會產生光過敏的情形極少，但仍建議用藥病患不應暴露於非必要之烈日或人工紫外線（太陽燈或日光浴），以防止光過敏的產生。

懷 孕 期：不建議使用。Levofloxacin 會通過胎盤，具有破壞成長生物承重軟骨的風險。

授 乳 期：除非益處高於風險，否則不建議使用。Levofloxacin 會分泌至乳汁，具有破壞成長生物承重軟骨的風險。

配 製：IV 製劑不可與 heparin 或鹼性溶液（如 NaHCO₃）混合。

相容輸注液：D5W、Dextrose 5% in Lactated Ringer's、D5NS、NS。

儲 存：避光儲存；IV 製劑除去外盒，其有效期為 3 天（輸注時不須避光）。