

1. Urinary tract infections

- Empirical treatment of pyelonephritis or prostatitis if no 0 risk factor for resistance.
- 0 Targeted treatment for drug-susceptible pathogens.

2. **Digestive tract infections**

- Empirical treatment of traveller's diarrhea with fever or abdominal pain. 0
- Targeted treatment of drug-susceptible pathogens (Salmonella, Campylobacter sp.). 0

Osteo-articular infections 3.

Rifampicin-fluoroquinolone combination = 1st-line treatment for prosthetic joint 0 infections due to susceptible staphylococci.

ADULT DOSE

PO or IV: 200 mg every 8-12 h

One of the main assets of fluoroquinolones is good bio-availability (>95% for ofloxacin) and high diffusion in most tissues, including central nervous system, bone and joints, and prostate.



Dosing in patients with renal failure

• Creatinine clearance 10-50 mL/mn: 200 mg every 24 h

• Creatinine clearance <10 mL/mn: 200 mg every 48 h

SIDE EFFECTS

- ! Neurotoxicity, especially in elderly patients (delirium); seizures.
- ! Cardiovascular toxicity and phototoxicity: see above.
- ! Rheumatologic toxicity:
 - avoid in children <15 years (cartilage toxicity during growth).
 - inform patients about risk of tendinitis (especially elderly patients, or on corticosteroids).

CAUTIONS

- Most bacteria have low barrier for fluoroquinolone resistance emergence: only Ţ use if no better alternative available; not to be used as empirical treatment if the patient took fluoroquinolone within the last 6 months.
- Do not take ciprofloxacin pills together with treatments that increase gastric pH (anti-acid drugs), or calcium => absorption would be decreased by 30-40%.

MONITORING

Biological monitoring is not necessary for treatment < 14 days. Inform patients about the risks of:

- Rheumatologic side effects: tendinitis, up to Achilles sheath ruptures => consultation in case of pain.
- Cardiovascular effects: (<30/100,000 side rare prescription) but potentially lethal (aortic dissection) => emergency consultation in case of thoracic pain.
- Photosensitivity (avoid heavy sun exposure).



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References can be found at www.APUA.org

Idea and concept by Mushira Enani on behalf of APUA / ISAC

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Should be given

only if the

potential benefits outweigh the

potential risk to the foetus



FDA Category

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