# General description

Ceftriaxone is a third-generation cephalosporin.

## INN
- Ceftriaxone

## ATC codes
- J01DD04

## Medicine type
- Chemical agent

## Antibiotic groups
- WATCH

## EML status history
First added in 1995 ([TRS 867](https://www.who.int/lib/entries/trs-867)) for Bacterial infection of unspecified site
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Bacterial meningitis
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Osteomyelitis or osteitis
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Bacterial infection of joint
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Sepsis without septic shock
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Infectious gastroenteritis or colitis without specification of infectious agent
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Gonococcal infection
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Peritoneal abscess
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Peritonitis
- Removed in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Bacterial infection of unspecified site
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Bacterial pneumonia
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Other specified pneumonia
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Acute pyelonephritis
- Added in 2017 ([TRS 1006](https://www.who.int/lib/entries/trs-1006)) for Inflammatory and other diseases of prostate
- Added in 2019 ([TRS 1021](https://www.who.int/lib/entries/trs-1021)) for Typhoid fever
- Added in 2019 ([TRS 1021](https://www.who.int/lib/entries/trs-1021)) for Paratyphoid fever
- Added in 2021 ([TRS 1035](https://www.who.int/lib/entries/trs-1035)) for Necrotising fasciitis
- Added in 2021 ([TRS 1035](https://www.who.int/lib/entries/trs-1035)) for Endophthalmitis

## Recommendations

### Section: Watch group antibiotics

- Parenteral > General injections > unspecified: 250 mg in vial powder for injection (as sodium salt); 1 g in vial powder for injection (as sodium salt)
- Parenteral > General injections > unspecified: 250 mg in vial powder for injection (as sodium salt); 500 mg in vial powder for injection (as sodium salt); 1 g in vial powder for injection (as sodium salt); 2 g in vial powder for injection (as sodium salt)
- Parenteral > General injections > unspecified: 250 mg in vial powder for injection (as sodium salt); 500 mg in vial powder for injection (as sodium salt); 1 g in vial powder for injection (as sodium salt); 2 g in vial powder for injection (as sodium salt)
- Parenteral > Locoregional injections > Intravitreal: 250 mg in vial powder for injection (as sodium salt); 500 mg in vial powder for injection (as sodium salt); 1 g in vial powder for injection (as sodium salt)
Indications

First choice

- Typhoid fever
- Paratyphoid fever
- Bacterial meningitis
- Other specified pneumonia (Hospital-acquired pneumonia)
- Bacterial pneumonia (Community-acquired pneumonia - severe) [children]

Co-prescribed with amikacin
  - Inflammatory and other diseases of prostate (severe)

Co-prescribed with azithromycin
  - Acute pyelonephritis (severe)

Co-prescribed with clarithromycin
  - Gonococcal infection

Co-prescribed with metronidazole
  - Necrotising fasciitis
  - Peritonitis (mild-moderate)
  - Peritoneal abscess (severe)
  - Peritonitis (severe)
  - Peritoneal abscess (mild-moderate)
  - Endophthalmitis

Co-prescribed with vancomycin

Second choice

- Acute pyelonephritis (mild to moderate)
- Inflammatory and other diseases of prostate (mild to moderate)
- Sepsis without septic shock
- Bacterial infection of joint
- Osteomyelitis or osteitis
Infectious gastroenteritis or colitis without specification of infectious agent

Other indications

Bacterial infection of unspecified site