

Ampicillin Sodium

【IAMPI】Ampolin® 500mg/Vial

ATC Code : J01CA01

中文名：安博黴素注射劑 «永豐化學»

適應症：鏈球菌、葡萄球菌、肺炎雙球菌、腦膜炎球菌及其他具有感受性細菌引起之感染症。

藥理分類：Antibiotic, Penicillin.

用法用量：**Administration:** Slow IV over 10-15 min, intermittent IV infusion over < 2 hours or IM.

Indications and dosage regimens:

Endocarditis:

—Adults:

IV, 12 g/day (by continuous IV infusion or in 6 equally divided IV doses) in conjunction with IM or IV gentamicin (1 mg/kg Q8h) for 4-6 weeks.

—Children:

IV, 300 mg/kg/day given in 4-6 divided doses for 4-6 weeks. Used in conjunction with IM or IV gentamicin (3 mg/day given for 4-6 weeks).

GI infections / Urinary tract infections:

—IV or IM, weighing < 40 kg, 50 mg/kg/day in divided doses Q6-8h; weighing $\geq$ 40 kg, 500 mg Q6h.

Respiratory tract infections:

—IV or IM, weighing < 40 kg, 25-50 mg/kg/day in divided doses Q6-8h; weighing $\geq$ 40 kg, 250-500 mg Q6h.

Septicemia: IV or IM, 150-200 mg/kg/day

Skin and skin structure infections:

IV or IM, weighing < 40 kg, 25-50 mg/kg/day in divided doses Q6-8h; weighing $\geq$ 40 kg, 250-500 mg Q6h.

Meningitis and other CNS infections:

—Adults:

IV, 150-200 mg/kg/day in divided doses every 3-4 hrs. Use IV initially, may switch to IM after 3 days.

—Children:

Empiric treatment of meningitis:

< 2 months of age:

IV, 100-300 mg/kg/day given in divided doses; used in conjunction with IM gentamicin pending results of in vitro susceptibility tests.

2 months to 12 years of age:

IV, 200-400 mg/kg/day given in divided doses every 4-6 hours; used in conjunction with IV chloramphenicol.

Treatment of meningitis caused by *S. agalactiae*:

IV, 200-300 mg/kg/day given in 3 divided doses for neonates $\leq$ 7 days of age or 300 mg/kg/day given in 4-6 divided doses for neonates > 7 days of age.

不良反應：腹瀉、噁心、嘔吐、蕁麻疹、紅疹。

交互作用：

- Aminoglycosides: ↓ the serum concentration of Aminoglycosides.

- Allopurinol: ↑ potential allergic or hypersensitivity reactions to Amoxicillin.
- Immune Checkpoint Inhibitors: ↓ the therapeutic effect of Immune Checkpoint Inhibitors.
- Methotrexate: ↑ the serum concentration of Methotrexate.
- Atenolol: ↓ the bioavailability of Atenolol.

注意事項：1. 本劑避免與 aminoglycosides 混合於注射劑中使用，因會使 aminoglycosides 失去活性。

2. 鈉含量：Na 2.9-3.1 mEq/g potency。

注射液調製：1. 靜脈注射：以 5mL 注射用水溶解後抽出緩慢注射。溶解後 1 小時內使用。
2. 靜脈滴注：再以 NS 或 D5W 稀釋。稀釋後可保存在 NS 中 8 小時，在 D5W 中 4 小時。

3. IM：以 1.8ml 注射用水溶解 500mg。配製後 1 小時內使用。

懷 孕 期：1. Ampicillin crosses the placenta, providing detectable concentrations in the cord serum and amniotic fluid (*Bolognese 1968; Fisher 1967; MacAulay 1966*).
2. Ampicillin is recommended for use in pregnant women for the management of preterm prelabor rupture of membranes (PROM) and is an option for the prevention of early-onset group B streptococcal (GBS) disease in newborns.
3. Ampicillin may also be used in certain situations prior to vaginal delivery in women at high risk for endocarditis (*ACOG 188 2018; ACOG 199 2018; ACOG 782 2019*).

授 乳 期：1. Ampicillin 會分泌至母乳中，小心使用。
2. Although the manufacturer recommends that caution be exercised when administering ampicillin to breastfeeding women, ampicillin is considered compatible with breastfeeding when used in usual recommended doses (WHO 2002).