

## Neomycin Sulfate

【ONEO2】 Neomycin® 250mg/Cap

ATC Code : J01GB05

中文名： 紐奧黴素膠囊 «順華»

適應症： 手術前或肝昏迷之病人用於腸道局部殺菌。

藥理分類： **Ammonium Detoxicant; Antibiotic, Aminoglycoside.**

用法用量： **Administration:** Orally, administer without regard to meals; for preoperative intestinal antisepsis, administer at prescribed dosing times.

### **Indications and dosage regimens:**

#### **Adjunct in the therapy of hepatic encephalopathy:**

Due to toxicity concerns, use the lowest effective dose possible and the shortest possible treatment period to control the condition. Do not treat for longer than 2 weeks.

— **Adults:**

4-12 g/day divided every 4-6 hours for 5-6 days, maximum 12 g/day.

— **Children:**

625 mg to 1.75 g/m<sup>2</sup> every 6 hours for 5-6 days (USPDI, 1997; Shirkey, 1980).

#### **Preparation of bowel for procedure, preoperative:**

**Neomycin** in combination with enteric coated **erythromycin** is indicated for gut decontamination prior to abdominal surgery.

— **Adults:**

Two different dosage schedules have been recommended:

- 1 g every hour for 4 hours, then 1 g Q4H for the remaining 24 hours. (USPDI, 1997)
- 1 g at 19 hours, 18 hours, and 9 hours before the start of surgery. (USPSI, 1997)

— **Children:**

14.7 mg/kg or 417 mg/m<sup>2</sup> every 4 hours for 3 days (USPSI, 1997)

#### **Diarrhea caused by enteropathogenic E.coli:**

50 mg/kg/day in 4 divided doses for 2-3 days.

不良反應： 腹瀉、噁心、嘔吐、耳毒性、腎毒性等。

交互作用：

- **Aminoglycosides** : ↑ the nephrotoxic effect of other Aminoglycosides.
- **Mannitol (Systemic)** : ↑ the nephrotoxic effect of Aminoglycosides.
- **Polymyxin B**: ↑ the nephrotoxic and neurotoxic effect of Aminoglycosides.
- **Vancomycin**: ↑ the nephrotoxic and neurotoxic effect of Aminoglycosides.  
(*Coadministration of vancomycin and aminoglycosides is indicated for some forms of infective endocarditis*)

注意事項： 腸性便秘之患者禁用本劑。

懷 孕 期： 可通過胎盤。安全性尚未確立。此類藥品可能影響聽力，須謹慎評估。

授 乳 期： 安全性尚未確立。

\*\*全民健保醫療常用第一線抗微生物製劑