

Granisetron HCl

【IOTRI】 Otril® 3mg/3mL/Vial

ATC Code : A04AA02

中文名： 嘔速停靜脈注射劑 《東洋》

適應症： 預防及治療抗腫瘤化學療法所引起的噁心、嘔吐及治療抗腫瘤放射線療法引起的噁心、嘔吐。預防全身性及半身性抗腫瘤放射線療法引起的噁心、嘔吐。治療手術後引起的噁心、嘔吐。

藥理分類： **Antiemetic; Selective 5-HT3 Receptor Antagonist.**

用法用量： **Administration:** IV push over 30 seconds or as a 5-minute infusion.

Indications and dosage regimens:

Prevention of chemotherapy-associated nausea and vomiting:

Adult : IV:

10 mcg/kg 30 minutes prior to chemotherapy; only on the day(s) chemotherapy is given.

Children ≥ 2 years and Adolescents: IV:

10 mcg/kg 30 minutes prior to chemotherapy; only on the day(s) chemotherapy is given.

Adult guideline recommendations:

American Society of Clinical Oncology (ASCO; Basch, 2011):

High emetic risk: IV:

1 mg or 10 mcg/kg on the day(s) chemotherapy is administered (antiemetic regimen also includes dexamethasone and aprepitant or fosaprepitant)

Multinational Association of Supportive Care in Cancer (MASCC) and European Society of Medical Oncology (ESMO) (Roila, 2010):

Highly emetic chemotherapy: IV:

1 mg or 10 mcg/kg (antiemetic regimen includes dexamethasone and aprepitant/fosaprepitant) prior to chemotherapy on day 1

Moderately emetic chemotherapy: IV:

1 mg or 10 mcg/kg (antiemetic regimen includes dexamethasone [and aprepitant/fosaprepitant for AC chemotherapy regimen]) prior to chemotherapy on day 1

Low emetic risk: IV:

1 mg or 10 mcg/kg prior to chemotherapy on day 1

不良反應： 腹瀉、便秘、腹痛、頭痛、疲倦、頭暈

交互作用：

- FLUCONAZOLE, VORICONAZOLE, AZITHROMYCIN, CLARITHROMYCIN, ERYTHROMYCIN, HYDROXYCHLOROQUINE, MOXIFLOXACIN, CIPROFLOXACIN, LEVOFLOXACIN, SERTRALINE, QUETIAPINE, CHLORPROMAZINE, PROCHLORPERAZINE, SULPIRIDE, DRONEDARONE, DONEPEZIL, LEUPROLIDE: ↑ risk of QT interval prolongation.
- LITHIUM, CODEINE, MORPHINE, SERTRALINE, NALBUPHINE: ↑ risk of serotonin syndrome.

懷 孕 期： 1. 只有當對母親之潛在益處大於對胎兒之潛在危險的前提下，才可於懷孕期間使用 Otril®。

2. Adverse events have not been observed in animal reproduction studies. In an ex vivo placental perfusion study, granisetron was shown to cross the placenta.

授 乳 期： 尚未知 granisetron 是否會被分泌於人體乳汁中。只有當對母親之潛在益處大於對胎兒及受乳嬰兒之潛在危險的前提下，才可於哺乳期間使用 Otril®。

- 儲存： 於室溫 25 °C 以下且避光儲存。請勿冷藏。
- 配製： 1.供成人使用：取適當的劑量，以相容輸注液稀釋成容積 20 至 50 毫升。
2.供兒童使用：取適當的劑量，以相容輸注液稀釋成容積 10 至 30 毫升。
- 安定性： 於室溫(25 °C)下，granisetron 在下列任一輸注液：0.9%氯化鈉、0.18%氯化鈉混合 4%葡萄糖注射液、5%葡萄糖注射液、Hartmann's 溶液注射液、乳酸鈉注射液及甘露醇 (mannitol) 中，可維持至少 24 小時的安定性。
- 相容輸注液： NS、D5W、乳酸鈉注射液、0.18%氯化鈉混合 4%葡萄糖注射液、Hartmann's 溶液注射液及甘露醇 (mannitol) 中。