

## Calcium Polystyrene Sulfonate

【OKALI】Kalimate® Powder 5g/Pack

ATC Code : V03AE01

中文名：加利美粉 «Nikken»

適應症：急性及慢性腎不全隨伴之高血鉀症。

藥理分類：**Antidote.**

作用機轉：Removes potassium by exchanging calcium ions for potassium ions in the intestine before the resin is excreted from the body.

用法用量：**Administration and Dosage regimen:**

### Oral:

1. Administer orally (via nasogastric tube if unable to swallow) at least 3 hours before or 3 hours after other oral medications (patients with gastroparesis may require a 6 hour separation) as a prepared suspension or paste.
2. Patient should be positioned carefully during ingestion to avoid aspiration.
3. *Note:* More rapid lowering of potassium may be achieved with concomitant oral and rectal administration. Rectal route may be discontinued once orally administered resin has reached rectum.
4. Oral administration in neonates is contraindicated.

15-30 g/day in 2-3 divided doses, each dose added in 30-50 mL water or mixed with some sweetened vehicle (but **not** fruit juices, which contain potassium).

### Rectally:

1. The usual daily dose is 30 g given as a **suspension** in 100 mL of water, 2% methylcellulose or 5% dextrose solution and retained for 30 minutes to 1 hour.
2. Enema should be retained as long as possible, as greater amounts of potassium are excreted as retention time increases.

不良反應：便秘、食慾不振、噁心、嘔吐、胃部不適或低血鉀症等。

注意事項：

1. 本劑含有 7-9 %之鈣，每克約可交換 1.36-1.82 mEq K<sup>+</sup>。
2. 口服：成人一日 15-30mg (3-6 packs)，分 2-3 次使用，加入 30-50ml 水中攪拌均勻呈懸浮液後服用。
3. 灌腸：加入 100mL 開水（溫度加至體溫程度）或 2% Methylcellulose 混合均勻，懸濁液注入直腸後，藥物置於腸管內 30~60 分鐘。藥液外溢時，以枕頭墊高臀部，或暫時採膝胸臥姿。用 D5W 代替水或 Methylcellulose 亦可。

懷 孕 期：1. 安全性尚未確立。  
2. Does not undergo gastrointestinal (GI) absorption.  
3. Antidotes should be administered to pregnant women if there is a clear indication for use and should not be withheld because of fears of teratogenicity (*Bailey 2003*).

授 乳 期：1. 安全性尚未確立。  
2. Does not undergo GI absorption.