

Levetiracetam

【OKEPS】Keppra® Oral Solution 100 mg/mL, 300 mL/Bot

ATC Code : N03AX14

中文名： 優閒內服液劑 «GSK»

【OKEP】Keppra® Film-Coated Tab 500mg/Tab

ATC Code : N03AX14

中文名： 優閒膜衣錠 «GSK»

適應症： 十六歲以上病患之局部癲癇發作（併有或不併有次發性全身發作）之單獨治療。四歲以上孩童或成人病患之局部癲癇發作（併有或不併有次發性全身發作），十二歲以上青少年與成人病患之肌抽躍性癲癇發作，以及十六歲以上青少年與成人患有體質性泛發性癲癇的原發性泛發性強直陣攣發作之輔助治療。

藥理分類： **Anticonvulsant, Miscellaneous.**

作用機轉： Inhibition of voltage-dependent N-type calcium channels; facilitation of GABA-ergic inhibitory transmission through displacement of negative modulators; reduction of delayed rectifier potassium current; and/or binding to synaptic proteins which modulate neurotransmitter release.

用法用量： **Administration:** Keppra® May be taken with or without food.

Monotherapy:

–Adolescents ≥ 16 yrs :

Initially, 250 mg twice daily which should be increased to 500 mg twice daily after 2 weeks. May further increase by 250 mg twice daily every 2 weeks. Max: 3000 mg daily (in 2 divided doses) .

Add-on therapy :

–Adult (≥ 18 years) & adolescent (12-17 years) ≥ 50 kg :

Initially, 500 mg twice daily. The dose can be started on the first day of treatment. Depending upon the clinical response and tolerance, May be increase up to 1500 mg twice daily. Dose changes can be made in 500 mg twice daily increases or decrement every 2-4 weeks.

–Children 4-11 years & adolescents (12-17 years) < 50 kg :

Initially, 10 mg/kg BID. The dose can be increased up to 30 mg/kg twice daily. Dose changes should not exceed increases or decrement of 10 mg/kg twice daily every 2 weeks. The lowest effective dose should be used.

–Children > 50 kg :

Dosage is the same as in adults.

Dosage recommendations for children and adolescents:

Weight (kg)	Starting dose:	
	10 mg/kg twice daily	10 mg/kg twice daily
15	150 mg twice daily	400 mg twice daily
20	200 mg twice daily	600 mg twice daily
25	250 mg twice daily	750 mg twice daily
From 50	500 mg twice daily	1500 mg twice daily

Renal impairment:

In adults and children 12 years of age, base dosage on measured or estimated Clcr:

Clcr (mL/min)	Dosage Regimen
> 80	500-1500 mg twice daily
50-79	500-1000 mg twice daily
30-49	250-750 mg twice daily
< 30	250-500 mg twice daily
ESRD patients undergoing hemodialysis ¹	500-1000 mg once daily ²

¹Loading dose: 750mg

²Supplement dose after hemodialysis: 250-500mg

不良反應：嗜睡、倦怠、腹痛、腹瀉、噁心、頭痛、咳嗽等。

交互作用：

- Methotrexate: ↑ MTX level.
- CALCIFEDIOL: altered serum levels of calcifediol.

注意事項：1. 腎臟功能障礙患者使用時，必須調整劑量。對嚴重肝臟功能障礙的患者，在決定投與劑量前，應先評估其腎臟功能。
2. 患者若出現抑鬱徵狀(或)有自殺念頭時必須立即通知處方醫師。

懷 孕 期：當益處高於可能風險高時才使用本品，且建議盡可能考慮使用單一藥物。

授 乳 期：治療期間請勿授乳。Levetiracetam 會排泄至乳汁中。由於授乳婦服用本藥有可能會使嬰兒產生嚴重不良反應，因此必須考量本藥對患者的重要性而決定是否應停止授乳或應停藥。

健保規定：1. Keppra® Oral Solution：限用於其他抗癲癇藥物無法有效控制之局部癲癇發作之輔助性治療 (add on therapy)。
2. Keppra® Film-Coated Tab：(1)限用於其他抗癲癇藥物無法有效控制之局部癲癇發作之輔助性治療 (add on therapy) 或作為第二線之單一藥物治療。(2)十二歲以上青少年與成人病患之肌抽躍性癲癇發作之輔助治療。