

## Methylprednisolone Sodium Succinate

【ISOL5】 500mg Solu-Medrol® 500mg/Vial

ATC Code : H02AB04

中文名：舒汝美卓佑注射劑 «輝瑞»

適應症：腎上腺皮質機能不全、劇烈休克、支氣管性氣喘、膠原疾病、過敏反應、泛發性感染。

藥理分類：Corticosteroid, Systemic.

用法用量：Administration : IV, rate dependent upon dose and severity of condition.

1. typically, intermittent infusion is administered over **15 to 60 minutes**.
2. administer large doses over at least **30 to 60 minutes**; do not administer large doses as IV push.
3. IV infusion over at least 30 minutes (manufacturer label).

### Usual dosage:

When the drug is administered by direct IV injection, administer over a period of several minutes.

— Adults:

Usually, 10-250 mg IV or IM; may repeat up to 6 times daily.

— Children:

0.03-0.2 mg/kg or 1-6.25 mg/m<sup>2</sup> IM, 1-2 times daily.

### Life-threatening Shock:

30 mg/kg by direct IV injection (over 3-15 min) initially and repeated in 4-6 hours if needed OR 100-250 mg by direct IV injection (over 3-15 min) initially and repeated at 2- to 6- hour intervals as required.

Alternatively, following the initial dose by direct IV injection, additional dose of 30 mg/kg may be administered by slow continuous IV infusion every 12 hours for 24-48 hour.

不良反應：腸胃不適，情緒變化，食欲增加，水腫，視力模糊，骨質疏鬆，毛髮增加等。

交互作用：

- **Desmopressin**: ↑ risk of severe hyponatremia.
- **Norfloxacin**, ciprofloxacin, levofloxacin, rifloxacin, moxifloxacin: ↑ risk of tendon rupture.
- **PAXLOVID®**: ↑ corticosteroid exposure; increased risk of Cushing syndrome and adrenal suppression.
- **Bupropion**: ↓ of the seizure threshold.
- **Warfarin**: ↑ risk of bleeding or ↓ effects of warfarin.
- **Phenobarbital**, carbamazepine: ↓ methylPREDNISolone effectiveness.
- **Clarithromycin**: ↑ risk of methylPREDNISolone side effects.

懷 孕 期：

1. Methylprednisolone crosses the placenta (*Anderson 1981*).
2. Due to risks of adverse fetal events associated with first trimester exposure, use is reserved for refractory cases in women with dehydration (*ACOG 189 2018*).
3. 只應在經過謹慎評估對母體和胎兒的益處/風險比後，才可於孕婦使用這項醫療產品。(仿單)

授 乳 期：

1. 皮質類固醇會於乳汁中分泌。
2. 分佈在乳汁中的皮質類固醇，可能嬰兒的生長受到抑制，並干擾內生性糖皮質素的生成。由於目前尚未對人類以糖皮質素進行過適當的生殖研究，因此，在考量對授乳婦的治療效益下，須在停止授乳或停止用藥間做一選擇。

安 定 性：

- 調製後的溶液(reconstituted solution)可放置於 30°C 以下，但須於混合後 48 小時內使用。
- 調製後的溶液進一步稀釋後用於輸注時：稀釋後的溶液若存放於 20-25°C，須於 3 小時內使用，若存放於 2-8°C，須於 24 小時內使用。

輸液相容性：

- 1.Compatible: D5W-1/2NS, D5NS, NS
- 2.Variable (compatibility concentration dependent): D5W, Lactated Ringer's