Methylprednisolone Sodium Succinate

[ISOLM] Solu-Medrol (Medason®) 40mg/Vial ATC Code: H02AB04

中文名: 命得生注射劑 《南光》

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.

• typically, intermittent infusion is administered over **15 to 60 minutes**.

- administer large doses over at least **30 to 60 minutes**; do not administer large doses as IV push.
- 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/m² 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 OR100-250 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, rufloxacin, 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:

- 每瓶以 1mL 無菌注射用水溶解,配製後於 25°C下應在 24 小時內使用。
- 若需要,可再以相容輸液稀釋,混合後於48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