

Heparin Sodium

【IHEPU】(KU 計價) Agglutex® 1KU/0.2mL (25KU/5mL/Vial)

ATC Code : B01AB01

【IHEPA】(瓶計價) Agglutex® 25000 IU/5mL/Vial (25 KU)

ATC Code : B01AB01

中文名：亞魯特注射液 «中化»

適應症：血栓性栓塞症及其預防、抗凝血。

藥理分類：Anticoagulant.

用法用量：**Administration: Subcutaneous, IV infusion (intermittent or continuous),
※NOT for IM , (due to pain, irritation, and hematoma formation).**

Indications and dosage regimens:

Note: Therapeutic anticoagulant effect with full-dose heparin:
adults based on 68 kg.

Patients $\geq$ 60 yrs may require a lower dosage.

Anticoagulant therapy; Treatment and Prophylaxis:

— Full-dose, intermittent IV injection

Adults: 10,000 units bolus then 5000-10,000 U Q 4-6 H OR 100 U/kg every 4 hrs.

Children: 50 units/kg bolus then 50-100 units/kg every 4 hrs.

— Full-dose, continuous IV infusion

Adults: initial 5000-10,000 units bolus (OR 100 units/kg) then 1000-1250 units/hr
OR 20,000-40,000 units/day (in 1 L of NS).

Children: 50 units/kg bolus then 10-25 units/kg/hr OR 20,000 units/m² over 24
hours.

— Full-dose, SC injection

Adults: 5000 units IV bolus followed by 10,000-20,000 units SC, then 8000-
10,000 units Q8h OR 15,000-20,000 units Q12h.

Disseminated intravascular coagulation (DIC):

IV infusion or IV injection every 4 hours. Discontinue after 4-8 hours if there is no
improvement.

— Adults: 50-100 units/kg

— Children: 25-50 units/kg

不良反應：出血，注射部位局部刺激、輕度疼痛、血腫等。

注意事項：1. Heparin sodium 個體感受性差異大，投與前應作感受性試驗，投與後應測血液凝血時間，再決定維持量。
2. 手術病人、腎功能不良和肝功能不良之患者應小心使用本劑。
3. 若開始使用口服抗凝血劑，則應減少本劑之劑量繼續使用 4-5 天，直至口服藥物獲得完全抑制凝血素原活性。

懷 孕 期：1. 沒有相當的資料顯示這種藥物是否會影響男性或女性的多產，或形成畸型胎的可能性或對子宮的不良反應。
2. Heparin **does not cross the placenta** (ESC [Regitz-Zagrosek 2018]).
3. Heparin may be used for anticoagulation in pregnancy (ACOG 196 2018).
4. Due to a better safety profile and ease of administration, the use of low molecular weight heparin (LMWH) is generally preferred over heparin (unfractionated heparin).

授 乳 期：1. Heparin is **not present in** breast milk (Bates 2018).
2. Heparin is considered acceptable for use in breastfeeding women (Bates 2018)
3. However, some products contain **benzyl alcohol** as a preservative; their use in

breastfeeding women is contraindicated by some manufacturers due to the association of gasping syndrome in premature infants.

輸液相容性：1.Compatible: 1/2NS, Ringer's inj., D5W-1/2NS, Dextrose 5% in Lactated Ringer's, Fructose 10% in NaCl 0.9% , Fructose 10% in water
2.Variable: D5W, D10W, D5NS, NS, Lactated Ringer's

儲 存： 冷暗處（25 °C 以下）保存，可以冷藏，但不可以冷凍。

備 註： 1、本院使用之藥品包裝規格為 25000 U/5 mL/Vial (25 KU)。
2、代碼【IHEPU】以 1000 IU（即 1 KU）為計價單位，非以瓶計價。
3、本品含有 **benzyl alcohol**。