

# EPOSINO<sup>®</sup>



## Recombinant Human Erythropoietin Injection

### Description

rh-EPO is a genetic engineering product by DNA techniques, which enables human EPO genes expressed in CHO cells, and followed by the process of the cell cultivation and protein purification processes.

The recombinant Human Erythropoietin is identical to natural human EPO in the structures and biological characteristics.

### Indication

1. Anemia resulted from renal function insufficiency, including hemodialysis and non-hemodialysis.
2. Reduction of Allogeneic Blood Transfusion in Surgery Patients.
3. Treatment of anemia in patients with non-myeloid malignancies where anemia is due to the effect of concomitantly administered chemotherapy. It is not indicated for the treatment of anemia in cancer patients due to other factors such as iron or folate deficiencies, hemolysis, or gastrointestinal bleeding, which should be managed appropriately.

### Advantages

1. Use of pre-filled syringes can relieve the injection pain, prevent iatrogenic infection, avoid the loss of 10% of dosage caused by dead space in traditional syringe and reduce the working amount of doctors and nurses.
2. Patients reduce the times of regular blood transfusion, thus reducing the risk of being infected with diseases transmitted through blood.
3. Three phases of clinical trial show that our EPO has total effectiveness of 88.5%, including obvious effectiveness of 51.5% and effectiveness of 37%.

### Pharmaceutical particulars

1. Colorless and transparent liquid with pH 6.9±0.5.
2. Dosage: 2000IU, 3000IU, 4000IU, 6000IU, 10000IU/ml
3. Package: vial and pre-filled syringe
4. Standard: Current European Pharmacopoeia and internal requirements.

### Shelf life and storage conditions

Finished products: store at 2-8°C for two and a half years  
API (concentrated solution): store at 2-8°C for two years

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