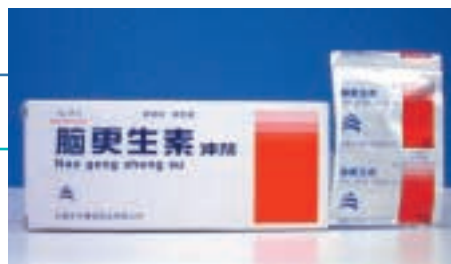


# Manufactured Product Portfolio

## Nao Geng Sheng Su

### Introduction

Nao An Sheng Su granular preparation is a compound containing low molecular peptide, various kinds of free amino acid (including essential and non-essential amino acid) and other effective ingredients obtained from ferment-hydrolyzed animals' cerebral organ. The amino acid in such a natural cerebral compound maintains a roughly constant percentage with that in human brain, can be absorbed through hemocerebral barrier, and become the energy and nutrient for cerebral nerve cells. In such a way, it can regulate imbalanced cerebral neurotransmitter, improve cerebral metabolism, and accelerate the process of functional recovery of the brain. Amino acid is not only the raw material for protein compounding, but also the precursor for many other important bioactive substance (e.g. hormone, punne, pyrimidine, porphyrin and some vitamin). It has relations with many kinds of neurotransmitter (e.g. Ach, NA, DA and 5-HT, etc.). Moreover, some kinds of amino acid themselves are biomolecule with special function. Nao Geng Sheng Su granular preparation can improve the brain cells' metabolism of amino acid, accelerate protein compounding and glucose conversion, better cerebral initialization of glucose, raise cerebral anti-hemodeficiency and anti-oxygen deficiency ability. It has better curative effects to cerebral hemorrhage, infarction subarachnoid hemorrhage and other sequelae cerebrovascular diseases, sequela of craniocerebral trauma, meningitis, cerebritis, congenital atelencephalis, senile dementia encephalopathy and toxic cerebral diseases.



### Indications

Nao Geng Sheng Su has the effect of accelerating cerebral functional recovery and nourishing cerebral cells. It is applicable for congenital atelencephalla, infection of central nervous system sequela or craniocerebral trauma sequela of cerebrovascular injuries, senile dementia, and other diseases.

## P-Transfer Factor (Oral Solution)

### Introduction

P-transfer factor oral solution is a dual immune regulator manufactured through the extraction from healthy and fresh PS with the use of modern biochemistry techniques.

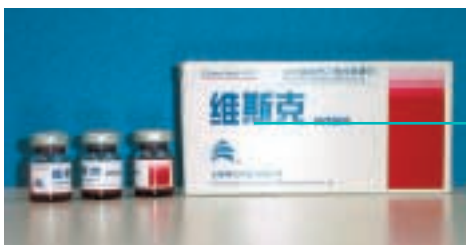
The major components are low molecular peptides & nucleotide, the average molecular mass is around 3,500, each vial contains 10 mg peptides, which is equivalent to 150 organic valence units. Biochemical analysis indicates that this product contains numerous immunal regulation factor and more than 10 types of microelements, which are indispensable to human body, and 16 types of free amino acids. This product possesses the characteristics of pureness, strong immunocompetence, without any adverse effect and is suitable for the elderly and children.

Various pharmacological experiments and clinical observation indicate that P-transfer factor oral solution is mainly absorbed through the upper alimentary canal. It will reach its highest therapeutic effect in the blood after being taken in 2 hours. It is mainly distributed in the blood and lasts for more than 24 hours. It allows sufficient time to interact incessantly with the receptor T-lymphocyte, and increase the level of lymph cell and Helper T cell in the blood. The total quantity of T-cell will increase remarkably, that of suppressor T-cell will decrease, and that of NK-cell will increase significantly. This achieves its function as a transmitter of antigen dependent cellular immunity.

### Indications

Treatment of diseases due to the weak cellular immune system: Herpes zoster, parotiditis, myocarditis, viral hepatitis, tonsillitis, lung infection, bronchitis, psoriasis, rheumatic arthritis, measles, systemic lupus erythematosus, reduce the side effect of chemo and radio-therapy etc.





## Wisk

### Introduction

It is reported that element Co is closely related to the growth and development. If element Co is in shortage, the skin tends to be rough, keratosis, ulcers and wounds will be difficult to heal, so the recovering time of relevant patients delayed. Due to this reason, WISK which is rich in Co (possessing 4.5% of molecular weight of B<sub>12</sub>) can prevent

the wound deterioration and take part in the regeneration of new tissues and recovering of hair follicles, etc.

From the pharmacological, physiological and biochemical experiments it is verified that the main component of WISK-B<sub>12</sub> in liver can act as a supplier of methyl in methylation process and acts as a Co-enzyme in some metabolizations, so it perhaps is essential in RNA synthesis. WISK-external application on ulcer or wound, can directly act on the free terminals of afferent nerve and block the pain afferent impulses conduction. So the obvious analgesic effect is produced. A part of B<sub>12</sub> absorbed into the damaged skin takes part in the synthesis of RNA, speeds up the recovering of the injured skin. Moreover, the other part of B<sub>12</sub> absorbed and circulated to liver participates the synthesis of tRNA.

The effective rate of WISK is up to 100% for the injuries of skin and mucous without any side-effects or adverse reactions but with safe and convenient for the use. It can be extensively used for injuries in or out of hospitals with satisfactory cure effects. This is the conclusion from the reports of Norman Bethune University of Medical Sciences, Hospital 208 of the People's Liberation Army ("PLA"). Hospital 307 of the PLA and China-Japan Friendship Hospital of Beijing through almost 1,000 cases of clinical observation.

### Indications

- (1) I-II degree radio-injury of skin
- (2) Actinic dermatitis;
- (3) II degree or minor area of III degree common burn;
- (4) Trauma and post operation wound;
- (5) Infected ulcer, especially post operation;
- (6) Oral ulcer especially in children.

## Ozagrel Sodium Injection

### Introduction

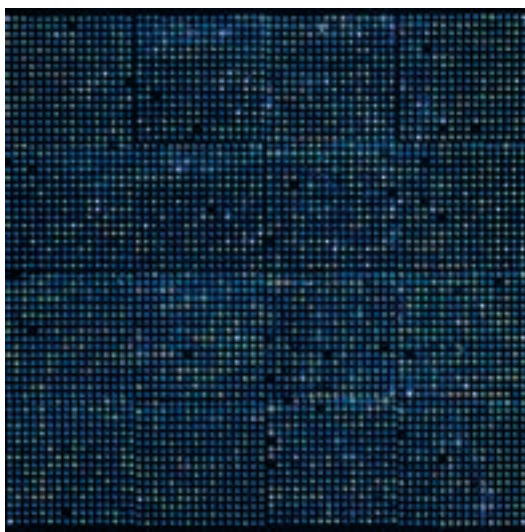
Ozagrel is a thromboxane synthetase inhibitor and acts as an anti-coagulant.

It is used to prevent the coagulation of platelets and facilitate relaxation of blood vessels.



### Indications

Prevention of cerebral occlusive ischemia in patients with thrombotic risk.



## Genechip

Genechip technology is a new technology rapidly developed worldwide in the 1990's. Produced with the combination of biotech and other technology, it is hitherto a highly crossed and highly consolidated research frontier in the world.

The basic procedures of genechip include chip manufacturing, sample collection, hybridization, scanning and information analysis. It is mainly through the rationale of the mixture and balance of information in genechip technology, together with the biological characteristic of base complementary sequence. The matrix on a one square inch genechip has fixed thousands of probe undergoing testing simultaneously. Hence it possesses the characteristic of an effect unbeatable, quick and multiple. It is a great discovery and advancement in the areas of traditional biotech such as testing and hybridization, etc. Genechip can be widely used in numerous sectors such as basic investigation, diagnosis, drug selection, environment protection, product testing, agriculture, military and litigation, etc. Its potential value is astonishing. The genechip products of the proposed acquire group mainly comprise of two categories: Research and Development ("R&D") genechip and detecting genechip.

R&D genechip category includes human gene expression genechip, drug screening genechip and plant genechip, company also can offer customized product.

Human gene expression genechip products: Human Gene Expression Chips, 13 types of Functional Classified Human Gene Expression Chips;

Drug screening genechip products: 4 types of Mouse Gene Expression Chips, 2 types of Rat Gene Expression Chips;

Plant genechip products: 2 standard of Rice Gene Expression Chips;

Detecting Genechips includes nine types:

- HBV Drug Resistance DCP
  - GMO DCP
  - Blood Test DCP
  - G6PD DCP
  - HBV/HCV DCP
  - $\alpha$ ,  $\beta$ -Thalassemia DCP
  - HLA typing DCP
  - Onco-gene mutation DCP
  - TB Drug Resistance DCP
- (DCP: Detecting Chip Product)

