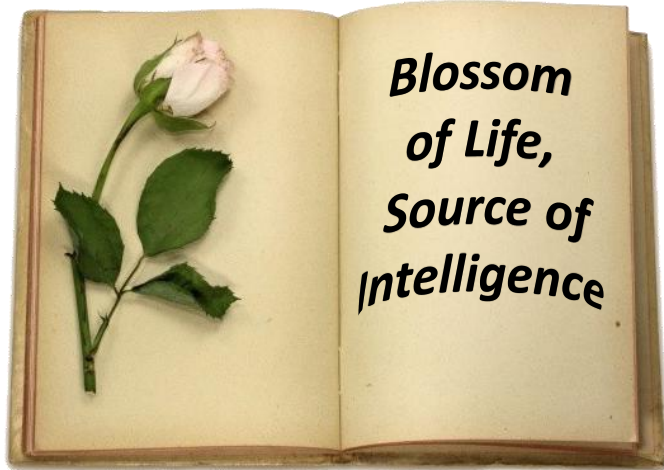




Global e-Commerce Platform

Zinc Capsules

Indispensable Trace Element —Zinc



Zinc is a necessary trace element for body; All the tissues and organs contain zinc.

Zinc cannot be synthesized in body and must be ingested from outside

At 1500 BC, people began to use zinc minerals in the treatment of skin diseases;
In 1934, scientists found that animal 's growth needs zinc;
In 1961, Bai rasa and others found a group of people suffering dwarfism due to zinc deficiency in Iran
In 1969, an US doctor Clayderman found that taking zinc helps to accelerate wound healing;
In 1980s, taking zinc treated male infertility and impotence successfully;

Take part in Synthesizing of over 300 enzymes

Accelerate cell division and growth, improve hair & skin

Promote complete body growth & development, especially for children

Improve infertility



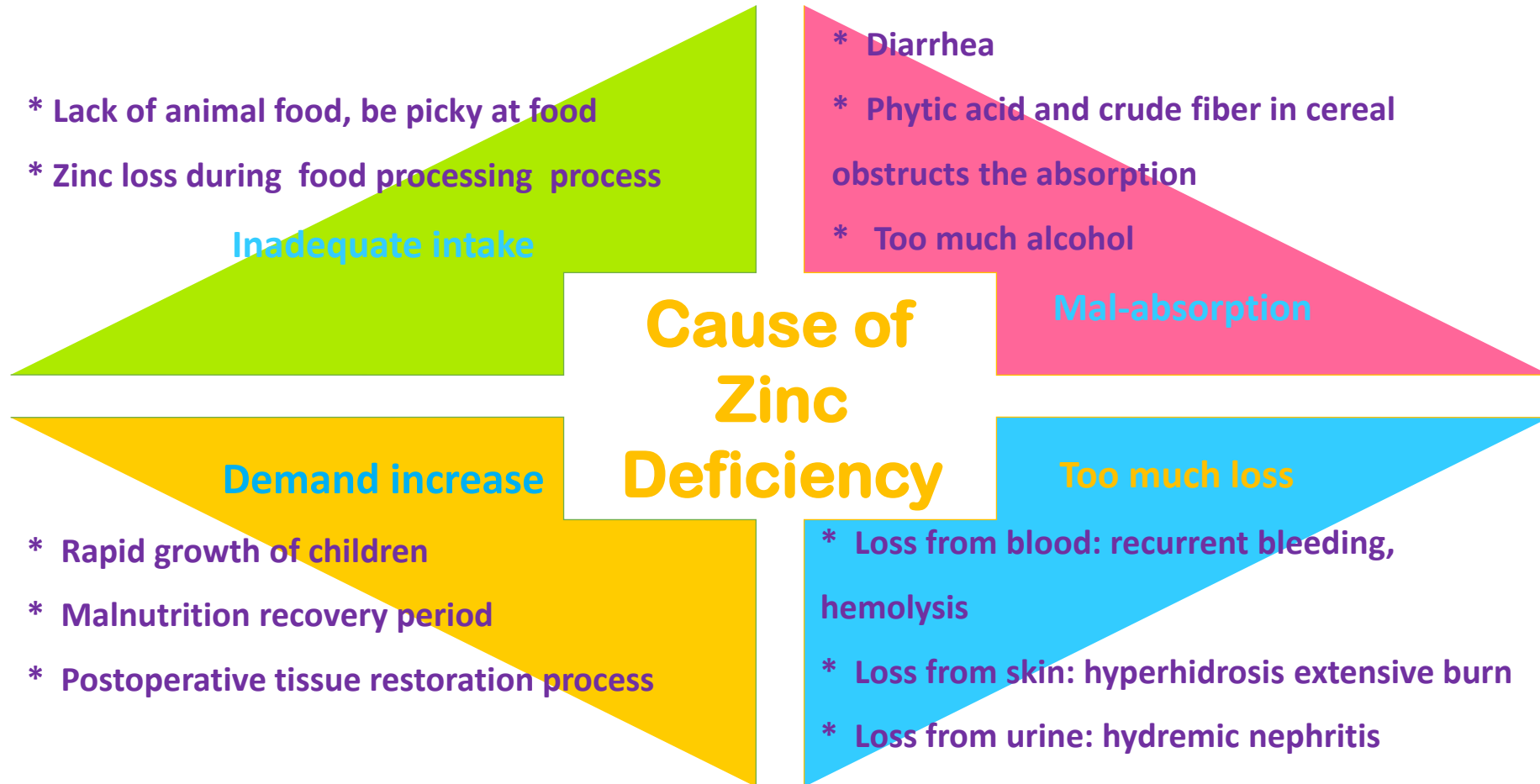
Affect on taste & appetite

Good for eyes & eyesight

Prevent senile dementia

Improve healing of body wounds

Cause of Zinc Deficiency



Zinc Deficiency in Children



60% of children's daily intake of zinc is less than half of the WTO recommended allowance



The daily zinc intake of children with age 1~6 is only **50%** of the dietary standard



The children's zinc deficiency rate in China reaches **60%**

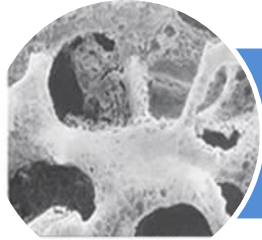


Hazards of Zinc Deficiency



Mental retardation

Growth retardation



疏松的骨骼

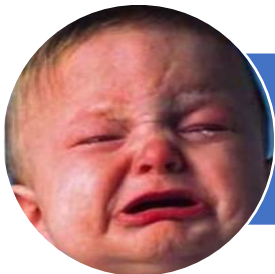
Low bone density

Anorexia



Parorexia

Skin and Mucous Membrane changes

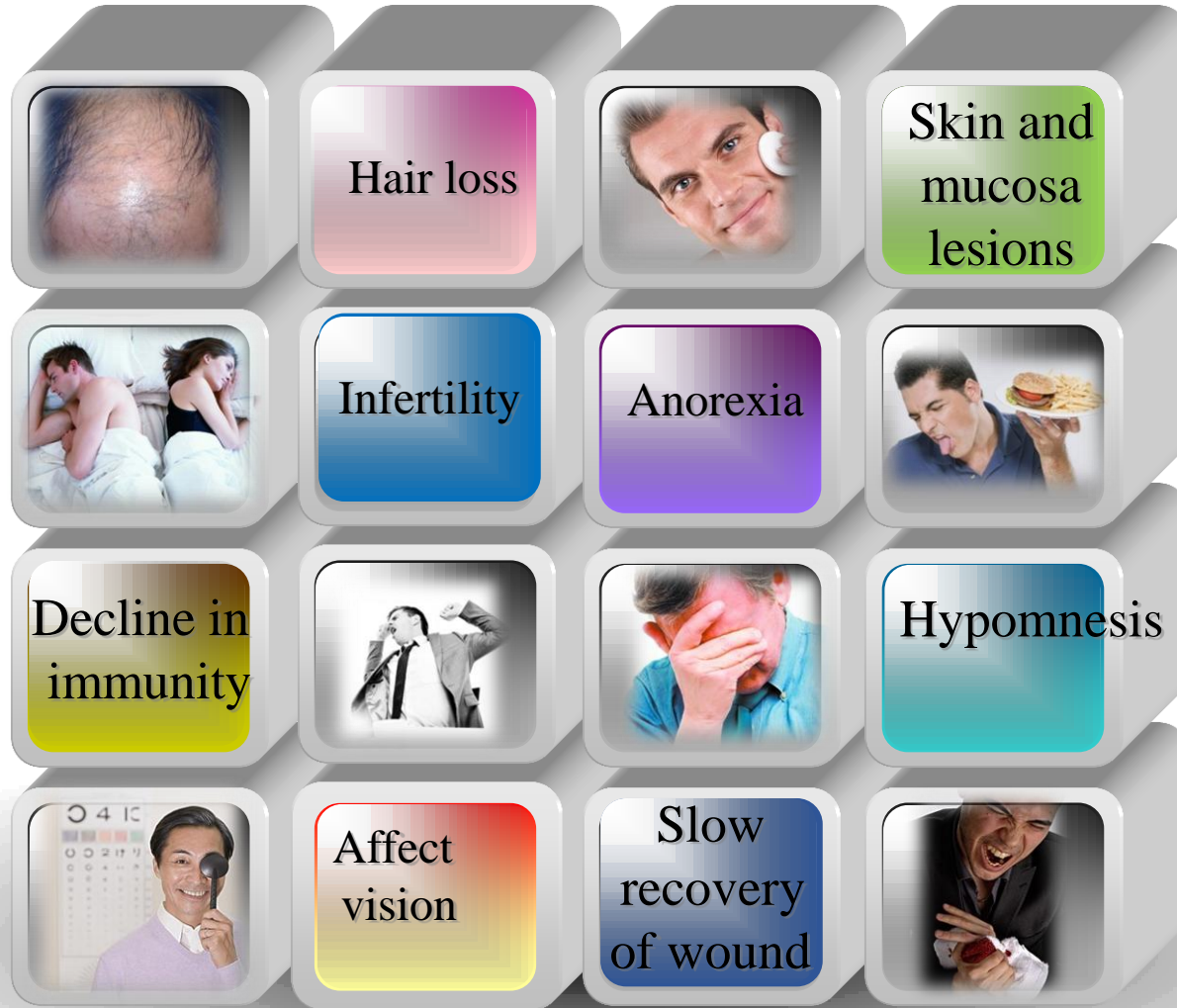


Infectibility

Nyctalopia



Hazards of Zinc Deficiency to Men





Function of Zinc - Male

1. Improve sexuality

Only with enough zinc in human body can the exuberant sexual desire be guaranteed and sexual function as well as reproductive ability be kept normally. Doctors treat impotence with zinc. Zinc is an essential nutrient for the synthesis of male hormones.

It is indicated by the "US Recommended Table of Nutrition Standard" that the normal demand of zinc is 15mg per day for men. But the actual intake is only 2/3. If you do exercise a lot, then the zinc deficiency is more serious, that is because men lose more zinc than women when sweating.

2. Protect prostate

The healthy prostate stores high amount of zinc which is more than any other organs and tissues.

The prostatic fluid contains an antibacterial ingredient which is a zinc-containing protein. In chronic prostatitis patients' body, the zinc content decreases significantly and the antibacterial ability also become weak or disappear.

Supplementing "zinc" is one of the methods to prevent and treat chronic prostatitis.



3. Maintain men's normal spermatogenic function

The standard of zinc content in sperm: 15-30mg/100mL.

Zinc participates the whole process of the growth and maturation process of sperm (the Zinc participates for whole process of the growth and maturation process of sperm). Once a man is lack of zinc, it will lead to the decrease in the number of sperm, vigor drop, semen non-liquefaction and eventually cause infertility.

Zinc is one of the materials to compose sperm.

Zinc deficiency could decrease the swimming ability or egg-penetrating ability of the sperm.

Men are easily to suffer from zinc deficiency.

One time of normal sexual activity will cause the loss of 1.8mg semen zinc, which is equivalent to the zinc content of 300g lean meat.





Daily Zinc Allowance

The daily zinc allowance recommended by China Public Union of Nutrition

Age	Allowance (mg/d)
0~6 months	3
6~12 months	5
1~10 years	10
10 years above	15

Self-test for children
of zinc deficiency



Animal food contains more zinc

The content is more than 10mg/100g, the decomposed amino acid benefits zinc ingestion which reaches about 40%. Oyster has the most content of zinc, which is 712.2mg/100g.



Plant food contains less zinc

The content is about 3~5 mg /100g. The plant food contains more phytic acid, oxalic acid and cellulose which hinders the absorption of zinc. The absorption rate is only about 10%. The wheat germ powder in plant food has the highest zinc content which is 23.4 mg /100g. Fruit contains little zinc and the absorption rate is very low.

Source of Zinc in Food

Food containing rich zinc: meat (including animal liver), seafood (especially oyster), egg, diary products, beer yeast, whole wheat food, nuts, soy beans, etc.

15mg zinc exist in any of following food :



1.25kg
Beef



0.7kg(one carp)
Carp



3.05kg(about 24
eggplants)
Eggplant



2.15kg wheat
(about a.5-1.85kg
flour)



11.5kg(about
57 apple)
Apple

Comparison of Common Zinc Preparations

Inorganic Zinc:

Zinc sulfate, zinc oxide, zinc carbonate, zinc sulfide, etc. The typical one is zinc sulfate, but the human body absorption rate is only 7%, which will cause *nausea and vomiting as well as other adverse gastrointestinal reaction*

Organic Synthesis Zinc:

Zinc gluconate, zinc lactate, zinc oxalate, zinc citrate, etc., comparing to the inorganic zinc, its most significant feature is the *stimulation to the gastrointestinal tract has been significantly reduced, and oral utilization is high*, human absorption rate is 14%.

Composition Of Zinc Capsules

Zinc lactate

Organic acid zinc, high absorption, not influenced by phytic acid and phytic acid salts. It is the best of the zinc supplement in the market.



Egg Protein

1. Enhance zinc absorption;
2. As a kind of filler



Glucose

Glucose, as the carrier of zinc supplement, is better than other food because it doesn't contain the disturber for the zinc absorption.



Zinc Function





TIENS Zinc Capsules

➤ Recommended group

- Growing adolescents and children (particularly people that are "picky eaters")
- Pregnant and lactating women
- People at disease recovery and wound healing period
- People with weak body and poor immunity
- Vegetarians
- People with malnutrition and poor gastrointestinal absorption

➤ Methods

- Take it with warm water twice a day.
- 3-10 years old: 2 capsules each time; 10 years old above: 4 capsules each time.





TIENS Zinc Capsules

The Flower of Life !



Healthy Growth, Starting with Zinc.
Zinc Capsules for Men,
Increasing Your Vitality.



Self-test for children of Zinc Deficiency

1. Anorexia: be picky at food, anorexia, food refusal, appetite reduction, no sense of hunger, no initiative to eat;
2. Eat strange things. For example: biting nails, clothing, toys, hard articles, eat hair, confetti, uncooked rice, wall dust, mud, sand, etc.;
3. Slow growth, the height is 3-6cm lower than other children in same age group and the weight is 2-3 kg lighter;
4. **Hypo immunity**: frequent fever, recurrent respiratory tract infection such as: tonsillitis, bronchitis, pneumonia, abnormal sweating, night sweat;
5. White spot on nails, agnail, geographic tongue (irregular red and white graphics on the tongue surface);
6. Hyperactivity, slow response, lack of concentration, poor learning ability;



Self-test for children of Zinc Deficiency

7. Vision problems: decreased visual acuity, which easily leads to vision problems, nearsightedness, farsightedness, astigmatism, etc.;
8. Skin lesions: if there is trauma, the wound will not easily to be healed; easily causes dermatitis, refractory eczema;
9. Adolescent sexual retardation, such as: the male's genitalia testes and penis are too small; low level of testosterone; sexual dysfunction; the female's late development of breast and menses; male and female's late pubic hair growth, etc.;
10. Recurrent oral ulcers.

Children can be regarded as zinc deficiency if with any three of the above conditions.

