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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

WS/T 456-2014

**Screening standard for malnutrition of school-age children and
adolescents
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed by the Ministry of Health School Health Standards Committee and centralized.

This standard was drafted. Peking University Institute of Childhood and Youth Health.

Introduction

There are currently two sets of malnutrition screening standards abroad, respectively, from the World Health Organization (WHO, 2006) developed "child growth standard Quasi "and the United States Centers for Disease Control and Prevention (2000) developed the "American children's growth evaluation table ", mainly in Europe and the United States and other countries to use these two sets Standards are based on white children in Europe and the United States on the basis of trial results in our country show that they do not meet the constitutional and genetic characteristics of children and adolescents in China Zheng, screening errors appear larger.

This standard selection of large sample growth and development of our sample as a reference population, give full consideration to our population's physical fitness and social characteristics Economic differences and other environmental impacts of malnutrition on the health risks of children and adolescents as the basis to determine the growth of adolescents in school-age children late Slow, thin two types of malnutrition screening threshold range, can be used for all groups in China (including all ethnic minorities) 6 years old to 18 years of school-age children Adolescent malnutrition screening for all levels of government to develop nutrition intervention policy to provide a scientific basis.

School-age children adolescent malnutrition screening

1 Scope

This standard specifies the age of 18 to 18-year-old children malnutrition screening method for adolescents (including screening of malnutrition, the scope of the criteria Broken, description and technical requirements) and reporting requirements.

This standard applies to all social and economic background in our country groups (including all ethnic minorities) of school-age children and adolescents, that is, primary schools, High school and early college students. The same applies for children and adolescents aged 6 to 18 years who are not in school for various reasons.

This standard applies to protein - inadequate energy intake caused by malnutrition screening, does not include excess nutrients, does not include other specific Vitamins, minerals, lack of sexual dysfunction. For those who are in a variety of acute and chronic disease status of individuals, this standard can be judged at present, the nutritional status of the reference basis, but without the diagnosis of a variety of genetic and metabolic disorders, can not be attributed to a simple etiology for "dietary malnutrition."

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 26343 Student Health Check Technical Specifications

3 Terms and definitions

The following terms and definitions apply to this document.

Protein - energy malnutrition; PEM Indices of dietary deficiency due to inadequate energy and protein intake to reflect dietary deficiencies in children and adolescents, excluding other specific dimensions Vitamin, mineral deficiency malnutrition. This standard referred to as malnutrition.

Stunting

Mainly due to fetal, infant, stage of dietary protein - lack of energy intake, resulting in height (3 years ago, length) below the screening criteria Age-specific height range, is a long-term malnutrition.

Wasting

One of the main manifestations of "malnutrition" is immediate malnutrition, which is caused by the current dietary protein - insufficient energy intake, resulting in Body mass index (BMI) is below the screening age-standardized BMI cutoff.

4.1 Age screening height growth retardation threshold range

See Table A.1 of Appendix A for ages ranged from 6 to 18 years of age.