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Dentistry - Operator's stool

牙科学 医师椅

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

This document is modified to adopt ISO 7493:2006 "Dentist's chair".

The technical differences between this document and ISO 7493:2006 and their reasons are as follows.

ISO 1942 was replaced by the normatively referenced GB/T 9937 to adapt to my country's technical conditions and improve operability (see 3.1);

ISO 8191-1 was replaced by the normative reference GB 17927.1 to adapt to my country's technical conditions and improve operability (see 6.9);

ISO 9687 was replaced by the normative reference YY/T 0628 to adapt to my country's technical conditions and improve operability (see

ISO 21530 was replaced by the normatively referenced YY/T 1400 to adapt to my country's technical conditions and improve operability (see 6.8);

The test method of general requirements has been changed to be consistent with the provisions of test method 6.2 to improve operability (see 4.1); -the test device of the physician chair has been deleted to adapt to my country's technical conditions and improve operability (see 6.3.1). -the following editorial changes were made to this document.

Changed the clause numbers of general requirements (see 4.1). -

Introduction

The purpose of this document is to ensure that the design and function of the doctor's chair used in the dental clinic meet the requirements of safety, comfort and effectiveness, and maximize the Reduce the fatigue and discomfort of the shoulders, spine and muscles caused by dentists during clinical operations.

Move with ease and freedom.

Dental doctor chair

1 Scope

This document specifies requirements for physician chairs used in dental practices, requirements for the manufacturer's instructions for use, marking and packaging, and describes this standard describes the test methods for physician chairs used in dental offices and provides recommendations for manufacturers regarding physician chairs and

their design (Appendix A).

NOTE: For the purpose of this document, the term "dental practitioner" includes dentists, dental assistants and dental technicians.

This document applies to physician chairs used in dental practices.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies.

in this document.

GB/T 9937 Dental Terminology (GB/T 9937-2020, ISO 1942:2009, MOD) GB 17927.1 Assessment of anti-ignition properties of soft furniture mattresses and sofas Part 1: Smoldering cigarette YY/T 0628 Dentistry Graphical symbols for dental equipment (YY/T 0628-2020, ISO 9687:2015, IDT) YY/T 1400 Dentistry Determination of resistance of dental equipment surface materials to chemical disinfectants (YY/T 1400-2016, ISO 21530. 2004, IDT)

3.1 Terms and Definitions

The terms and definitions defined in GB/T 9937 and the following apply to this document.

3.1.1

Dental surgeon's chair A chair that can adjust height and move position to meet the general requirements of dentists when sitting and working.

3.1.2

anterio-posterior plane Divide the dentist's chair into a left and right vertical plane.

3.1.3

seat height

The vertical distance between the ground and the point of insertion of the axis of rotation of the seat's load-bearing or non-load-bearing surface.

3.1.4

Seat width

The horizontal dimension of the widest part between the upper edges of the seat on both

sides, measured perpendicular to the central symmetry dividing plane.

3.1.5

seat depth

The horizontal dimension between the front vertical projection and the edge of the seat back measured along the width center point on the central symmetry dividing plane.

NOTE: If the seat is provided with a backrest, this dimension is measured as the distance between the forwardmost position of the centre line of the backrest and the normal projection of the front edge of the seat.