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**Optics and optical instruments —
Medical endoscopes and endotherapy
devices**

ICS 11.040.55

Reference number : JIS T 1553 : 2005 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Health, Labour and Welfare and the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Medical-optical equipment Industrial Association (JMOIA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently JIS T 1553 : 1984 is replaced with this Standard.

This Standard has been made based on ISO 8600-1 : 1997 *Optics and optical instruments—Medical endoscopes and endoscopic accessories—Part 1 : General requirements*, ISO 8600-3 : 1997 *Optics and optical instruments—Medical endoscopes and endoscopic accessories—Part 3 : Determination of field of view and direction of view of endoscopes with optics* and ISO 8600-4 : 1997 *Optics and optical instruments—Medical endoscopes and certain accessories—Part 4 : Determination of maximum width of insertion portion* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Optics and optical instruments — Medical endoscopes and endotherapy devices

Introduction This Japanese Industrial Standard has been prepared based on the first edition of **ISO 8600-1** *Optics and optical instruments — Medical endoscopes and endoscopic accessories — Part 1: General requirements*, **ISO 8600-3** *Optics and optical instruments — Medical endoscopes and endoscopic accessories — Part 3: Determination of field of view and direction of view of endoscopes with optics* and **ISO 8600-4** *Optics and optical instruments — Medical endoscopes and certain accessories — Part 4: Determination of maximum width of insertion portion* published in 1997 with some modifications of the technical contents.

The portions underlined with dots are the matters not stated in or modified from the original International Standard. A list of modifications with the explanations is given in annex 3 (informative).

1 Scope This Standard gives definitions of terms and requirements for endoscopes and endotherapy devices used in the practice of medicine.

Remarks : The International Standard corresponding to this Standard is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21.

ISO 8600-1 : 1997 *Optics and optical instruments — Medical endoscopes and endoscopic accessories — Part 1 : General requirements* (MOD)

ISO 8600-3 : 1997 *Optics and optical instruments — Medical endoscopes and endoscopic accessories — Part 3 : Determination of field of view and direction of view of endoscopes with optics* (MOD)

ISO 8600-4 : 1997 *Optics and optical instruments — Medical endoscopes and certain accessories — Part 4 : Determination of maximum width of insertion portion* (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS T 0993-1 *Biological evaluation of medical devices — Part 1 : Evaluation and testing*

Remarks : **ISO 10993-1** *Biological evaluation of medical devices — Part 1: Evaluation and testing* is identical with the said standard.

ISO 8600-3 *Optics and optical instruments — Medical endoscopes and endoscopic accessories — Part 3: Determination of field of view and direction of view of endoscopes with optics.*