



**International
Standard**

ISO 7151

**Surgical instruments — Non-cutting,
articulated instruments — General
requirements and test methods**

*Instruments chirurgicaux — Instruments articulés, non
tranchants — Spécifications générales et méthodes d'essai*

**Third edition
2024-04**

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 170, *Surgical instruments*.

This third edition cancels and replaces the second edition (ISO 7151:1988), which has been technically revised.

The main changes are as follows:

- normative references updated;
- test methods for the determination of resistance against autoclaving, corrosion and thermal exposure updated to reference ISO 13402.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Surgical instruments — Non-cutting, articulated instruments — General requirements and test methods

1 Scope

This document specifies general requirements and corresponding test methods for a general range of non-cutting instruments in surgery.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method*

ISO 7153-1, *Surgical instruments — Materials — Part 1: Metals*

ISO 13402, *Surgical and dental hand instruments — Determination of resistance against autoclaving, corrosion and thermal exposure*

ISO 10993-1, *Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process*

ISO 20417, *Medical devices — Information to be supplied by the manufacturer*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Material

The instrument, except for inserts, shall be made of the grade of stainless steel specified in ISO 7153-1 in accordance with [Table 1](#).