

Australian/New Zealand Standard™

**Medical electrical equipment**

**Part 2.46: Particular requirements for  
the safety of operating tables**

### **AS/NZS 3200.2.46:2003**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee HE-003, Medical Electrical Equipment. It was approved on behalf of the Council of Standards Australia on 30 May 2003 and on behalf of the Council of Standards New Zealand on 24 June 2003. It was published on 30 June 2003.

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The following are represented on Committee HE-003:

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Australasian Society for Ultrasound in Medicine  
Australian and New Zealand College of Anaesthetists  
Australian Chamber of Commerce and Industry  
Australian Dental Association  
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# Australian/New Zealand Standard™

## Medical electrical equipment

### Part 2.46: Particular requirements for the safety of operating tables

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## PREFACE

This Standard was prepared by the Joint Standards Australia/ Standards New Zealand Committee HE-003, Medical Electrical Equipment.

This Standard is identical with and has been reproduced from IEC 60601-2-46:1998, *Medical electrical equipment—Part 2-46: Particular requirements for the safety of operating tables*.

The objective of this Standard is to specify safety requirements for operating tables, whether or not having electrical parts, including transporters, used for the transportation of the table top to or from the base or pedestal of an operating table with detachable table top.

Please note that in Clause 24, Stability in NORMAL USE, Committee HE-003 considers that reference to Figure 102 is not adequate if designed for a patient in lithotomy position. All four leg weights should be placed across the lower ‘abdominal’ area and the body positioned on the end of table designed for leg elevation.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text ‘this International Standard’ should read ‘this Australian Standard’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards as follows:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
IEC		AS/NZS	
60601	Medical electrical equipment	3200	Medical electrical equipment
60601-1	Part 1: General requirements for safety	3200.1.0	Part 1.0: General requirements for safety—Parent Standard
60601-2-2	Part 2: Particular requirements for the safety of high-frequency surgical equipment	3200.2.2	Part 2.2: Particular requirements for safety—High frequency surgical equipment

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## INTRODUCTION

This Particular Standard amends and supplements IEC 60601-1 (second edition, 1988): *Medical electrical equipment – Part 1: General requirements for safety*, as amended by its amendment 1 (1991) and its amendment 2 (1995), hereinafter referred to as the General Standard (see 1.3).

This Particular Standard is necessary because of the special attention which has to be given to features of OPERATING TABLES which are used together with OTHER MEDICAL ELECTRICAL EQUIPMENT.

Additional requirements for safety, beyond those stated in the General Standard, are specified.

An asterisk (\*) beside a clause or subclause number indicates that some explanatory notes are given in annex AA at the end of this Particular Standard.



## AUSTRALIAN/NEW ZEALAND STANDARD

### Medical electrical equipment

#### Particular requirements for the safety of operating tables

##### Section one – General

The clauses and subclauses of this section of the General Standard apply except as follows:

#### 1 Scope and object

This clause of the General Standard applies, except as follows:

##### 1.1 Scope

*Addition:*

This Particular Standard specifies safety requirements for OPERATING TABLES, as defined in 2.12.101, whether or not having electrical parts, including TRANSPORTERS, as defined in 2.12.104, used for the transportation of the table top to or from the base or pedestal of an OPERATING TABLE with detachable table top.

This Particular Standard does not apply to

- dental patient chairs;
- examination chairs and couches;
- patient-supporting systems of diagnostic and therapeutic devices;
- operating table heating blankets;
- patient transfer equipment;
- delivery tables and beds;
- hospital beds;
- field tables.

##### 1.3 Particular Standards

*Addition:*

This Particular Standard refers to IEC 60601-1 (1988): *Medical electrical equipment – Part 1: General requirements for safety* as amended by its amendments 1 (1991) and 2 (1995).

For brevity, part 1 is referred to in this Particular Standard either as the "General Standard" or as the "General Requirements(s)".

The numbering of sections, clauses and subclauses of this Particular Standard corresponds to that of the General Standard. The changes to the text of the General Standard are specified by the use of the following words.

"Replacement" means that the clause or subclause of the General Standard is replaced completely by the text of this Particular Standard.

"Addition" means that the text of this Particular Standard is additional to the requirements of the General Standard.