

Australian/New Zealand Standard™

**Safe use of medical electrical equipment
in health care**

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AS/NZS 2500:2020

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The following are represented on Committee HE-003:

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- Australasian College of Physical Scientists and Engineers in Medicine
- Australasian Society for Ultrasound in Medicine
- Australian & New Zealand College of Anaesthetists
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- MidCentral District Health Board
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This Standard was issued in draft form for comment as DR AS/NZS 2500:2019.

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Australian/New Zealand Standard™

Safe use of medical electrical equipment in health care

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Preface

This Standard was prepared by the joint Standards Australia/Standards New Zealand Committee HE-003, Medical Electrical Equipment, to supersede AS/NZS 2500:2004, *Guide to the safe use of electricity in patient care*.

This Standard sets out guidelines for the safe use of electrical medical equipment in patient care.

The major changes in this edition are as follows:

- (a) The removal of all appendices.
- (b) Inclusion of [Clauses 3.8](#) to [3.11](#).
- (c) Alignment of this Standard with the requirement of AS/NZS 3003 that all patient areas be at least body-protected.
- (d) Alignment of this Standard with the requirement of AS/NZS 3003 for socket-outlets to be colour coded in order to distinguish between essential, non-essential, UPS, and cleaners' socket-outlets.
- (e) Recommendations for medical electrical systems and upgrading of mobile communications.
- (f) Upgrading of defibrillator recommendations.

Commonly accepted terms (such as earth wire) are used throughout this document while the product Standard may use a more precise term (such as protective earthing conductor).

Contents

Preface	ii
Introduction	vi
Section 1 Scope and general	1
1.1 Scope.....	1
1.2 Application.....	1
1.2.1 Setting.....	1
1.2.2 Personnel.....	1
1.3 Normative references.....	1
1.4 Terms and definitions.....	2
Section 2 Nature of electricity	6
2.1 Need for care.....	6
2.2 Supply systems.....	6
2.3 Function of fuses and circuit-breakers.....	7
2.4 Socket-outlets.....	8
2.4.1 General.....	8
2.4.2 Colour coding of socket-outlets.....	9
2.5 Basic equipment safety.....	9
2.5.1 Forms of construction.....	9
2.5.2 Classification of applied parts.....	11
2.6 Leakage current.....	11
Section 3 Nature of hazards	12
3.1 General.....	12
3.2 Electric shock.....	12
3.2.1 Causes of electric shock.....	12
3.2.2 Contributing factors.....	13
3.2.3 Levels of susceptibility to electric shock.....	13
3.3 Thermal hazards.....	15
3.3.1 General.....	15
3.3.2 Electric burns.....	15
3.3.3 Thermal burns.....	15
3.3.4 Temperature of infused fluids.....	15
3.3.5 Fire and explosion.....	15
3.4 Radiant energy hazards.....	16
3.4.1 General.....	16
3.4.2 Ultrasonic energy.....	16
3.4.3 Laser and intense light sources.....	16
3.5 Electromagnetic interference.....	17
3.6 Electrostatic hazards.....	17
3.7 Loss of electrical power.....	17
3.8 Software hazards.....	17
3.8.1 General.....	17
3.8.2 Cybersecurity threats.....	18
3.8.3 Software updates.....	18
3.9 Equipment configuration.....	19
3.10 Alarm management.....	19
3.11 Data integration.....	19
3.12 Impact of repairs.....	19
Section 4 Compatibility of medical procedure, equipment and patient areas	21
4.1 Safety triangle.....	21
4.2 Medical procedures.....	21
4.2.1 General.....	21
4.2.2 Inadvertent contact with live conductors.....	21
4.2.3 Body-type procedure — Applied parts not involving the heart.....	21

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