# TECHNICAL REPORT



Second edition 2004-02

Medical electrical equipment -

**Glossary of defined terms** 

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

# MEDICAL ELECTRICAL EQUIPMENT – GLOSSARY OF DEFINED TERMS

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The main task of IEC technical committees is to prepare International Standards. However, a technical committee may propose the publication of a technical report when it has collected data of a different kind from that which is normally published as an International Standard, for example "state of the art".

IEC 60788, which is a technical report, has been prepared by IEC TC 62: Electrical EQUIPMENT in medical practice.

This second edition cancels and replaces the first edition of IEC 60788 published in 1984. This second edition constitutes a technical revision.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
62/137/DTR	62/140/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication does not follow the rules for structuring International Standards as given in Part 2 of the ISO/IEC Directives.

The committee has decided that the contents of this publication will remain unchanged until 2005. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

# INTRODUCTION

#### Purpose

- To provide an actual mirror of defined terms for all steps in the development of IEC standards under the scope of "MEDICAL ELECTRICAL EQUIPMENT", IEC TC 62.
- To give guidance for harmonisation of the defined terms used in the IEC standards on "MEDICAL ELECTRICAL EQUIPMENT".

#### Contents

- All DEFINED TERMS used in the General, Particular and Collateral Standards, recorded in the project files of the IEC for TC 62, SC 62A, 62B, 62C and 62D are mirrored.
- Recommendations to avoid existing redundancy are added as red text in the column "Definitions" in the table.

#### Maintenance

- An annual maintenance cycle for this TR is introduced. Closing date for the editorial input is the middle of December of a year.
- The annual editorial maintenance is done by the Secretaries of the IEC technical committee 62 and its subcommittees 62A, 62B, 62C and 62D.
- The compilation (addition of new terms and deletion of obsolete terms) is done by the Secretary of IEC TC 62.

#### Targets

- Represent the state-of-the-art in the definitions
- Harmonize the language of the IEC publications
- Ease translations of the IEC publications
- Enable self-control by the experts working in projects for MEDICAL ELECTRICAL EQUIPMENT.

## Coded reference of the DEFINED TERMS

- In all cases as appropriate the reference codes "IEV xxx-xx-xx" of the International Electronic Vocabulary (IEV) are added in the "Reference" column of the table.
- For DEFINED TERMS used in RADIOLOGY the reference codes "rm-xx-xx" remain unchanged as initiated by IEC 60788 Ed.1.
- For main fields other than RADIOLOGY, the coded references will be generated in future annual editions.

#### Replacement

This technical report replaces IEC 60788 Ed.1, Medical radiology - Terminology.

# MEDICAL ELECTRICAL EQUIPMENT – GLOSSARY OF DEFINED TERMS

## 1 Scope

This Technical report comprises all defined terms used in the IEC standards and technical reports which

- fall under the scope of MEDICAL ELECTRICAL EQUIPMENT, and
- are on the list of publications as stated in May 2003.

## 2 Normative references

The documents referenced in 2.2 are forming the sources for the defined terms in this document.

#### 2.1 General

The defined terms listed in this glossary are mirrored as presented in the standards and technical reports. Only the recommendations are added for further harmonisation of multiple defined terms.

The glossary is prepared to ease the use of the electronic version by two search functions:

- Search in the alphabetic order, and
- Search by the technical and physical chapters in case of ionising radiation (rm-xx-xx).

#### 2.2 List of the IEC publications mirrored in this edition 2004

The list of IEC Standards below comprises the defined terms as used in the latest consolidated version, comprising the amendments as applicable.

4	00000	4000.07
1	60336	1993-07
2	60522	1999-02
3	60526	1978-01
4	60580	2000-01
5	60601-1/A1+ A2	1988-12/
		1991-11/
		1995-03
6	60601-1-2	2001-09
7	60601-1-3	1994-07
8	60601-1-4 Ed.1.1	2000-04
9	60601-2-1 /A1	1998-06/
9	00001-2-1/A1	
10	60604.0.0	2002-05
10	60601-2-2	1998-09
11	60601-2-3/A1	1991-06/
		1998-09
12	60601-2-4	2002-08
13	60601-2-5	2000-07
14	60601-2-6	1984-01
15	60601-2-7	1998-02
16	60601-2-8 Ed.1.1	1999-04
17	60601-2-9	1996-10
18	60601-2-3	1987-12/
10	00001210//1	2001-09
19	60601-2 11	
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20	60601-2-12	2001-10
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22	60601-2-16	1998-02
23	60601-2-17/A1	1989-09/
		1996-03
24	60601-2-18/A1	1996-08/
		2000-07
25	60601-2-19/A1	1990-12/
		1996-10
26	60601-2-20/A1	1990-12/
-		1996-10
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		1996-10
28	60601-2-23	1999-12
29	60601-2-24	1998-02
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31	60601-2-26	2002-11
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33	60601-2-28	1993-04
34	60601-2-29,	1999-01
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43	60601-2-38/A1	1996-10/
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47	60601-2-43	2000-06
48	60601-2-44 Ed.2.1	2002-11
49	60601-2-45	2001-05
50	60601-2-46	1998-06
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51	60601-2-47	2001-07
52	60601-2-49	2001-07
53	60601-2-50	2000-07
54	60601-2-51	2003-02
55	60601-2-55	To be
		published
56	60601-3-1	1996-08
57	60613	1989-05
58	60627	2001-08
59	60731/A1	1997-07/
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61	60806	1984-01
62	60976/A1	1989-06/
02	00070///1	2000-07
63	60977/A1	1989-10/
05	00977781	2000-04
64	61168	1993-12
65	61170	1993-12
66	61217 Ed.1.1	2002-03
67	61223-1	1993-07
68	61223-2-1	1993-07
69	61223-2-4	1994-03
70	61223-2-5	1994-03
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88	61303	1994-10
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90	61331-2	1994-10
91	61331-3	1998-11
92	61674/A1	1997-10/
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94	61675-2	1998-01
95	61675-3	1998-02
96	61676	2002-09
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90	61948-1, TR	2001-02
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100	61948-2, TR	
101	62083	2000-11
102	62266, TR	2002-03
103	ISO 14971	2000-11