

**Commission communication in the framework of the implementation of Council Directive
93/42/EEC of 14 June 1993 concerning medical devices**

(Text with EEA relevance)

(Publication of titles and references of harmonised standards under the Directive)

(2009/C 293/03)

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN 285:2006 + A2:2009 Sterilisation — Steam sterilisers — Large sterilisers	This is the first publication	EN 285:2006 + A1:2008 EN 285:2006 Note 2.1	21.3.2010
CEN	EN 455-1:2000 Medical gloves for single use — Part 1: Requirements and testing for freedom from holes	30.9.2005	EN 455-1:1993 Note 2.1	Date expired (30.4.2001)
CEN	EN 455-2:2000 Medical gloves for single use — Part 2: Requirements and testing for physical properties (including Technical Corrigendum 1:1996)	31.7.2002	EN 455-2:1995 Note 2.1	Date expired (30.4.2001)
CEN	EN 455-3:2006 Medical gloves for single use — Part 3: Requirements and testing for biological evaluation	9.8.2007	EN 455-3:1999 Note 2.1	Date expired (30.6.2007)
CEN	EN 556-1:2001 Sterilisation of medical devices — Requirements for medical devices to be designated 'STERILE' — Part 1: Requirements for terminally sterilised medical devices EN 556-1:2001/AC:2006	31.7.2002 15.11.2006	EN 556:1994 + A1:1998 Note 2.1	Date expired (30.4.2002)
CEN	EN 556-2:2003 Sterilisation of medical devices — Requirements for medical devices to be designated 'STERILE' — Part 2: Requirements for aseptically processed medical devices	9.8.2007		
CEN	EN 794-1:1997 + A2:2009 Lung ventilators — Part 1: Particular requirements for critical care ventilators	This is the first publication	EN 794-1:1997 Note 2.1	21.3.2010
CEN	EN 794-3:1998 Lung ventilators — Part 3: Particular requirements for emergency and transport ventilators EN 794-3:1998/A1:2005	28.6.1999 2.6.2006	 Note 3	 Date expired (31.12.2005)
CEN	EN 980:2008 Symbols for use in the labelling of medical devices	23.7.2008	EN 980:2003 Note 2.1	31.5.2010
CEN	EN 1041:2008 Information supplied by the manufacturer of medical devices	19.2.2009	EN 1041:1998 Note 2.1	31.8.2011

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN 1060-1:1995 Non-invasive sphygmomanometers — Part 1: General requirements EN 1060-1:1995/A1:2002	23.8.1996 30.9.2005	Note 3	Date expired (30.11.2002)
CEN	EN 1060-2:1995 Non-invasive sphygmomanometers — Part 2: Supplementary requirements for mechanical sphygmomanometers EN 1060-2:1995/AC:2002	26.8.1996 This is the first publication		
CEN	EN 1060-3:1997 Non-invasive sphygmomanometers — Part 3: Supplementary requirements for electro-mechanical blood pressure measuring systems EN 1060-3:1997/A1:2005	9.5.1998 2.6.2006	Note 3	Date expired (30.6.2006)
CEN	EN 1060-4:2004 Non-invasive sphygmomanometers — Part 4: Test procedures to determine the overall system accuracy of automated non-invasive sphygmomanometers	30.9.2005		
CEN	EN 1089-3:2004 Transportable gas cylinders — Gas cylinder identification (excluding LPG) — Part 3: Colour coding	30.9.2005	EN 1089-3:1997 Note 2.1	Date expired (31.10.2004)
CEN	EN 1282-2:2005 Tracheostomy tubes — Part 2: Paediatric tubes (ISO 5366-3:2001, modified)	30.9.2005	EN 1282-2:1997 Note 2.1	Date expired (31.12.2005)
CEN	EN 1422:1997 + A1:2009 Sterilisers for medical purposes — Ethylene oxide sterilisers — Requirements and test methods	This is the first publication	EN 1422:1997 Note 2.1	21.3.2010
CEN	EN 1618:1997 Catheters other than intravascular catheters — Test methods for common properties	9.5.1998		
CEN	EN 1639:2004 Dentistry — Medical devices for dentistry — Instruments	30.9.2005	EN 1639:1996 Note 2.1	Date expired (31.12.2004)
CEN	EN 1640:2004 Dentistry — Medical devices for dentistry — Equipment	30.9.2005	EN 1640:1996 Note 2.1	Date expired (31.12.2004)
CEN	EN 1641:2004 Dentistry — Medical devices for dentistry — Materials	30.9.2005	EN 1641:1996 Note 2.1	Date expired (31.12.2004)

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CEN	EN 1642:2004 Dentistry — Medical devices for dentistry — Dental implants	30.9.2005	EN 1642:1996 Note 2.1	Date expired (31.12.2004)
CEN	EN 1707:1996 Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment — Lock fittings	17.5.1997		
CEN	EN 1782:1998 Tracheal tubes and connectors	30.9.2005		
CEN	EN 1789:2007 Medical vehicles and their equipment — Road ambulances	23.7.2008	EN 1789:1999 Note 2.1	Date expired (30.11.2007)
CEN	EN 1820:2005 Anaesthetic reservoir bags (ISO 5362:2000, modified)	30.9.2005	EN 1820:1997 Note 2.1	Date expired (31.12.2005)
CEN	EN 1865:1999 Specifications for stretchers and other patient handling equipment used in road ambulances	14.10.2000		
CEN	EN 1970:2000 Adjustable beds for disabled persons — Requirements and test methods EN 1970:2000/A1:2005	14.11.2001 30.9.2005	Note 3	Date expired (30.9.2005)
CEN	EN 1985:1998 Walking aids — General requirements and test methods	10.8.1999		
CEN	EN ISO 3826-2:2008 Plastics collapsible containers for human blood and blood components — Part 2: Graphical symbols for use on labels and instruction leaflets (ISO 3826-2:2008)	19.2.2009		
CEN	EN ISO 3826-3:2007 Plastics collapsible containers for human blood and blood components — Part 3: Blood bag systems with integrated features (ISO 3826-3:2006)	27.2.2008		
CEN	EN ISO 4074:2002 Natural latex rubber condoms — Requirements and test methods (ISO 4074:2002) EN ISO 4074:2002/AC:2008	31.7.2002 This is the first publication	EN 600:1996 Note 2.1	Date expired (31.8.2005)

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 4135:2001 Anaesthetic and respiratory equipment — Vocabulary (ISO 4135:2001)	31.7.2002	EN ISO 4135:1996 Note 2.1	Date expired (28.2.2002)
CEN	EN ISO 5356-1:2004 Anaesthetic and respiratory equipment — Conical connectors — Part 1: Cones and sockets (ISO 5356-1:2004)	30.9.2005	EN 1281-1:1997 Note 2.1	Date expired (30.11.2004)
CEN	EN ISO 5356-2:2007 Anaesthetic and respiratory equipment — Conical connectors — Part 2: Screw-threaded weight-bearing connectors (ISO 5356-2:2006)	9.11.2007	EN 1281-2:1995 Note 2.1	Date expired (29.2.2008)
CEN	EN ISO 5359:2008 Low-pressure hose assemblies for use with medical gases (ISO 5359:2008)	23.7.2008	EN 739:1998 Note 2.1	30.6.2010
CEN	EN ISO 5360:2009 Anaesthetic vaporisers — Agent-specific filling systems (ISO 5360:2006)	This is the first publication	EN ISO 5360:2007 Note 2.1	21.3.2010
CEN	EN ISO 5366-1:2009 Anaesthetic and respiratory equipment — Tracheostomy tubes — Part 1: Tubes and connectors for use in adults (ISO 5366-1:2000)	This is the first publication	EN ISO 5366-1:2004 Note 2.1	21.3.2010
CEN	EN ISO 5840:2009 Cardiovascular implants — Cardiac valve prostheses (ISO 5840:2005)	This is the first publication	EN ISO 5840:2005 Note 2.1	21.3.2010
CEN	EN ISO 7197:2009 Neurosurgical implants — Sterile, single-use hydrocephalus shunts and components (ISO 7197:2006, including Cor 1:2007)	This is the first publication	EN ISO 7197:2006 Note 2.1	21.3.2010
CEN	EN ISO 7376:2009 Anaesthetic and respiratory equipment — Laryngoscopes for tracheal intubation (ISO 7376:2003)	This is the first publication	EN ISO 7376:2003 Note 2.1	21.3.2010
CEN	EN ISO 7396-1:2007 Medical gas pipeline systems — Part 1: Pipeline systems for compressed medical gases and vacuum (ISO 7396-1:2007)	9.8.2007	EN 737-3:1998 Note 2.1	Date expired (30.4.2009)
CEN	EN ISO 7396-2:2007 Medical gas pipeline systems — Part 2: Anaesthetic gas scavenging disposal systems (ISO 7396-2:2007)	9.8.2007	EN 737-2:1998 Note 2.1	Date expired (30.4.2009)

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 7439:2009 Copper-bearing intra-uterine contraceptive devices — Requirements, tests (ISO 7439:2002)	This is the first publication	EN ISO 7439:2002 Note 2.1	21.3.2010
CEN	EN ISO 7886-3:2005 Sterile hypodermic syringes for single use — Part 3: Auto-disable syringes for fixed-dose immunisation (ISO 7886-3:2005)	30.9.2005		
CEN	EN ISO 7886-4:2006 Sterile hypodermic syringes for single use — Part 4: Syringes with reuse prevention feature (ISO 7886-4:2006)	9.8.2007		
CEN	EN ISO 8185:2009 Respiratory tract humidifiers for medical use — Particular requirements for respiratory humidification systems (ISO 8185:2007)	This is the first publication	EN ISO 8185:2007 Note 2.1	21.3.2010
CEN	EN ISO 8359:2009 Oxygen concentrators for medical use — Safety requirements (ISO 8359:1996)	This is the first publication	EN ISO 8359:1996 Note 2.1	21.3.2010
CEN	EN ISO 8536-4:2007 Infusion equipment for medical use — Part 4: Infusion sets for single use, gravity feed (ISO 8536-4:2007)	9.8.2007		
CEN	EN ISO 8835-2:2009 Inhalational anaesthesia systems — Part 2: Anaesthetic breathing systems (ISO 8835-2:2007)	This is the first publication	EN ISO 8835-2:2007 Note 2.1	21.3.2010
CEN	EN ISO 8835-3:2009 Inhalational anaesthesia systems — Part 3: Transfer and receiving systems of active anaesthetic gas scavenging systems (ISO 8835-3:2007)	This is the first publication	EN ISO 8835-3:2007 Note 2.1	21.3.2010
CEN	EN ISO 8835-4:2009 Inhalational anaesthesia systems — Part 4: Anaesthetic vapour delivery devices (ISO 8835-4:2004)	This is the first publication	EN ISO 8835-4:2004 Note 2.1	21.3.2010
CEN	EN ISO 8835-5:2009 Inhalational anaesthesia systems — Part 5: Anaesthetic ventilators (ISO 8835-5:2004)	This is the first publication	EN ISO 8835-5:2004 Note 2.1	21.3.2010
CEN	EN ISO 9170-1:2008 Terminal units for medical gas pipeline systems — Part 1: Terminal units for use with compressed medical gases and vacuum (ISO 9170-1:2008)	19.2.2009	EN 737-1:1998 Note 2.1	31.7.2010

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CEN	EN ISO 9170-2:2008 Terminal units for medical gas pipeline systems — Part 2: Terminal units for anaesthetic gas scavenging systems (ISO 9170-2:2008)	19.2.2009	EN 737-4:1998 Note 2.1	31.7.2010
CEN	EN ISO 9360-1:2009 Anaesthetic and respiratory equipment — Heat and moisture exchangers (HMEs) for humidifying respired gases in humans — Part 1: HMEs for use with minimum tidal volumes of 250 ml (ISO 9360-1:2000)	This is the first publication	EN ISO 9360-1:2000 Note 2.1	21.3.2010
CEN	EN ISO 9360-2:2009 Anaesthetic and respiratory equipment — Heat and moisture exchangers (HMEs) for humidifying respired gases in humans — Part 2: HMEs for use with tracheostomised patients having minimum tidal volumes of 250 ml (ISO 9360-2:2001)	This is the first publication	EN ISO 9360-2:2002 Note 2.1	21.3.2010
CEN	EN ISO 9713:2009 Neurosurgical implants — Self-closing intracranial aneurysm clips (ISO 9713:2002)	This is the first publication	EN ISO 9713:2004 Note 2.1	21.3.2010
CEN	EN ISO 9919:2009 Medical electrical equipment — Particular requirements for the basic safety and essential performance of pulse oximeter equipment for medical use (ISO 9919:2005)	This is the first publication	EN ISO 9919:2005 Note 2.1	21.3.2010
CEN	EN ISO 10079-1:2009 Medical suction equipment — Part 1: Electrically powered suction equipment — Safety requirements (ISO 10079-1:1999)	This is the first publication	EN ISO 10079-1:1999 Note 2.1	21.3.2010
CEN	EN ISO 10079-2:2009 Medical suction equipment — Part 2: Manually powered suction equipment (ISO 10079-2:1999)	This is the first publication	EN ISO 10079-2:1999 Note 2.1	21.3.2010
CEN	EN ISO 10079-3:2009 Medical suction equipment — Part 3: Suction equipment powered from a vacuum or pressure source (ISO 10079-3:1999)	This is the first publication	EN ISO 10079-3:1999 Note 2.1	21.3.2010
CEN	EN ISO 10328:2006 Prosthetics — Structural testing of lower-limb prostheses — Requirements and test methods (ISO 10328:2006)	9.8.2007		
CEN	EN ISO 10524-1:2006 Pressure regulators for use with medical gases — Part 1: Pressure regulators and pressure regulators with flow-metering devices (ISO 10524-1:2006)	2.6.2006	EN 738-1:1997 Note 2.1	Date expired (31.10.2008)

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CEN	EN ISO 10524-2:2006 Pressure regulators for use with medical gases — Part 2: Manifold and line pressure regulators (ISO 10524-2:2005)	7.6.2009	EN 738-2:1998 Note 2.1	Date expired (31.10.2008)
CEN	EN ISO 10524-3:2006 Pressure regulators for use with medical gases — Part 3: Pressure regulators integrated with cylinder valves (ISO 10524-3:2005)	7.9.2006	EN 738-3:1998 Note 2.1	Date expired (31.10.2008)
CEN	EN ISO 10524-4:2008 Pressure regulators for use with medical gases — Part 4: Low-pressure regulators (ISO 10524-4:2008)	23.7.2008	EN 738-4:1998 Note 2.1	30.6.2010
CEN	EN ISO 10535:2006 Hoists for the transfer of disabled persons — Requirements and test methods (ISO 10535:2006)	9.8.2007	EN ISO 10535:1998 Note 2.1	Date expired (30.6.2007)
CEN	EN ISO 10555-1:2009 Sterile, single-use intravascular catheters — Part 1: General requirements (ISO 10555-1:1995, including Amd 1:1999 and Amd 2:2004)	This is the first publication	EN ISO 10555-1:1996 Note 2.1	21.3.2010
CEN	EN ISO 10651-2:2009 Lung ventilators for medical use — Particular requirements for basic safety and essential performance — Part 2: Home care ventilators for ventilator-dependent patients (ISO 10651-2:2004)	This is the first publication	EN ISO 10651-2:2004 Note 2.1	21.3.2010
CEN	EN ISO 10651-4:2009 Lung ventilators — Part 4: Particular requirements for operator-powered resuscitators (ISO 10651-4:2002)	This is the first publication	EN ISO 10651-4:2002 Note 2.1	21.3.2010
CEN	EN ISO 10651-6:2009 Lung ventilators for medical use — Particular requirements for basic safety and essential performance — Part 6: Home-care ventilatory support devices (ISO 10651-6:2004)	This is the first publication	EN ISO 10651-6:2004 Note 2.1	21.3.2010
CEN	EN ISO 10993-1:2009 Biological evaluation of medical devices — Part 1: Evaluation and testing (ISO 10993-1:2003)	This is the first publication	EN ISO 10993-1:2003 Note 2.1	21.3.2010
CEN	EN ISO 10993-3:2009 Biological evaluation of medical devices — Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity (ISO 10993-3:2003)	This is the first publication	EN ISO 10993-3:2003 Note 2.1	21.3.2010
CEN	EN ISO 10993-4:2009 Biological evaluation of medical devices — Part 4: Selection of tests for interactions with blood (ISO 10993-4:2002, including Amd 1:2006)	This is the first publication	EN ISO 10993-4:2002 Note 2.1	21.3.2010

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CEN	EN ISO 10993-5:2009 Biological evaluation of medical devices — Part 5: Tests for in-vitro cytotoxicity (ISO 10993-5:2009)	This is the first publication	EN ISO 10993-5:1999 Note 2.1	31.12.2009
CEN	EN ISO 10993-6:2009 Biological evaluation of medical devices — Part 6: Tests for local effects after implantation (ISO 10993-6:2007)	This is the first publication	EN ISO 10993-6:2007 Note 2.1	21.3.2010
CEN	EN ISO 10993-7:2008 Biological evaluation of medical devices — Part 7: Ethylene oxide sterilisation residuals (ISO 10993-7:2008)	19.2.2009		
CEN	EN ISO 10993-9:2009 Biological evaluation of medical devices — Part 9: Framework for identification and quantification of potential degradation products (ISO 10993-9:1999)	This is the first publication	EN ISO 10993-9:1999 Note 2.1	21.3.2010
CEN	EN ISO 10993-10:2009 Biological evaluation of medical devices — Part 10: Tests for irritation and delayed-type hypersensitivity (ISO 10993-10:2002, including Amd 1:2006)	This is the first publication	EN ISO 10993-10:2002 Note 2.1	21.3.2010
CEN	EN ISO 10993-11:2009 Biological evaluation of medical devices — Part 11: Tests for systemic toxicity (ISO 10993-11:2006)	This is the first publication	EN ISO 10993-11:2006 Note 2.1	21.3.2010
CEN	EN ISO 10993-12:2009 Biological evaluation of medical devices — Part 12: Sample preparation and reference materials (ISO 10993-12:2007)	This is the first publication	EN ISO 10993-12:2007 Note 2.1	21.3.2010
CEN	EN ISO 10993-13:2009 Biological evaluation of medical devices — Part 13: Identification and quantification of degradation products from polymeric medical devices (ISO 10993-13:1998)	This is the first publication	EN ISO 10993-13:1998 Note 2.1	21.3.2010
CEN	EN ISO 10993-14:2009 Biological evaluation of medical devices — Part 14: Identification and quantification of degradation products from ceramics (ISO 10993-14:2001)	This is the first publication	EN ISO 10993-14:2001 Note 2.1	21.3.2010
CEN	EN ISO 10993-15:2009 Biological evaluation of medical devices — Part 15: Identification and quantification of degradation products from metals and alloys (ISO 10993-15:2000)	This is the first publication	EN ISO 10993-15:2000 Note 2.1	21.3.2010
CEN	EN ISO 10993-16:2009 Biological evaluation of medical devices — Part 16: Toxicokinetic study design for degradation products and leachables (ISO 10993-16:1997)	This is the first publication	EN ISO 10993-16:1997 Note 2.1	21.3.2010

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CEN	EN ISO 10993-17:2009 Biological evaluation of medical devices — Part 17: Establishment of allowable limits for leachable substances (ISO 10993-17:2002)	This is the first publication	EN ISO 10993-17:2002 Note 2.1	21.3.2010
CEN	EN ISO 10993-18:2009 Biological evaluation of medical devices — Part 18: Chemical characterisation of materials (ISO 10993-18:2005)	This is the first publication	EN ISO 10993-18:2005 Note 2.1	21.3.2010
CEN	EN ISO 11135-1:2007 Sterilisation of healthcare products — Ethylene oxide — Part 1: Requirements for development, validation and routine control of a sterilisation process for medical devices (ISO 11135-1:2007)	9.8.2007	EN 550:1994 Note 2.1	31.5.2010
CEN	EN ISO 11137-1:2006 Sterilisation of healthcare products — Radiation — Part 1: Requirements for development, validation and routine control of a sterilisation process for medical devices (ISO 11137-1:2006)	7.9.2006	EN 552:1994 Note 2.1	Date expired (30.4.2009)
CEN	EN ISO 11137-2:2007 Sterilisation of healthcare products — Radiation — Part 2: Establishing the sterilisation dose (ISO 11137-2:2006, corrected version 2006-08-01) EN ISO 11137-2:2007/AC:2009	9.8.2007 This is the first publication		
CEN	EN ISO 11138-2:2009 Sterilisation of healthcare products — Biological indicators — Part 2: Biological indicators for ethylene oxide sterilisation processes (ISO 11138-2:2006)	This is the first publication	EN ISO 11138-2:2006 Note 2.1	21.3.2010
CEN	EN ISO 11138-3:2009 Sterilisation of healthcare products — Biological indicators — Part 3: Biological indicators for moist heat sterilisation processes (ISO 11138-3:2006)	This is the first publication	EN ISO 11138-3:2006 Note 2.1	21.3.2010
CEN	EN ISO 11140-1:2009 Sterilisation of healthcare products — Chemical indicators — Part 1: General requirements (ISO 11140-1:2005)	This is the first publication	EN ISO 11140-1:2005 Note 2.1	21.3.2010
CEN	EN ISO 11140-3:2009 Sterilisation of healthcare products — Chemical indicators — Part 3: Class 2 indicator systems for use in the Bowie and Dick-type steam penetration test (ISO 11140-3:2007, including Cor 1:2007)	This is the first publication	EN ISO 11140-3:2007 Note 2.1	21.3.2010
CEN	EN ISO 11197:2009 Medical supply units (ISO 11197:2004)	This is the first publication	EN ISO 11197:2004 Note 2.1	21.3.2010

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CEN	EN ISO 11607-1:2009 Packaging for terminally sterilised medical devices — Part 1: Requirements for materials, sterile barrier systems and packaging systems (ISO 11607-1:2006)	This is the first publication	EN ISO 11607-1:2006 Note 2.1	21.3.2010
CEN	EN ISO 11607-2:2006 Packaging for terminally sterilised medical devices — Part 2: Validation requirements for forming, sealing and assembly processes (ISO 11607-2:2006)	7.9.2006		
CEN	EN ISO 11737-1:2006 Sterilisation of medical devices — Microbiological methods — Part 1: Determination of a population of micro-organisms on products (ISO 11737-1:2006) EN ISO 11737-1:2006/AC:2009	7.9.2006 This is the first publication	EN 1174-2:1996 EN 1174-1:1996 EN 1174-3:1996 Note 2.1	Date expired (31.10.2006)
CEN	EN ISO 11810-1:2009 Lasers and laser-related equipment — Test method and classification for the laser resistance of surgical drapes and/or patient protective covers — Part 1: Primary ignition and penetration (ISO 11810-1:2005)	This is the first publication		
CEN	EN ISO 11810-2:2009 Lasers and laser-related equipment — Test method and classification for the laser-resistance of surgical drapes and/or patient-protective covers — Part 2: Secondary ignition (ISO 11810-2:2007)	This is the first publication	EN ISO 11810-2:2007 Note 2.1	21.3.2010
CEN	EN ISO 11979-8:2009 Ophthalmic implants — Intraocular lenses — Part 8: Fundamental requirements (ISO 11979-8:2006)	This is the first publication	EN ISO 11979-8:2006 Note 2.1	21.3.2010
CEN	EN ISO 11990:2003 Optics and optical instruments — Lasers and laser-related equipment — Determination of laser resistance of tracheal tube shafts (ISO 11990:2003)	7.11.2003	EN ISO 11990:1999 Note 2.1	Date expired (31.10.2003)
CEN	EN 12006-2:1998 + A1:2009 Non active surgical implants — Particular requirements for cardiac and vascular implants — Part 2: Vascular prostheses including cardiac valve conduits	This is the first publication	EN 12006-2:1998 Note 2.1	21.3.2010
CEN	EN 12006-3:1998 + A1:2009 Non active surgical implants — Particular requirements for cardiac and vascular implants — Part 3: Endovascular devices	This is the first publication	EN 12006-3:1998 Note 2.1	21.3.2010
CEN	EN 12182:1999 Technical aids for disabled persons — General requirements and test methods	14.10.2000		

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CEN	EN 12342:1998 Breathing tubes intended for use with anaesthetic apparatus and ventilators	26.6.1999		
CEN	EN 12470-1:2000 + A1:2009 Clinical thermometers — Part 1: Metallic liquid-in-glass thermometers with maximum device	This is the first publication	EN 12470-1:2000 Note 2.1	21.3.2010
CEN	EN 12470-2:2000 + A1:2009 Clinical thermometers — Part 2: Phase change type (dot matrix) thermometers	This is the first publication	EN 12470-2:2000 Note 2.1	21.3.2010
CEN	EN 12470-3:2000 + A1:2009 Clinical thermometers — Part 3: Performance of compact electrical thermometers (non-predictive and predictive) with maximum device	This is the first publication	EN 12470-3:2000 Note 2.1	21.3.2010
CEN	EN 12470-4:2000 + A1:2009 Clinical thermometers — Part 4: Performance of electrical thermometers for continuous measurement	This is the first publication	EN 12470-4:2000 Note 2.1	21.3.2010
CEN	EN 12470-5:2003 Clinical thermometers — Part 5: Performance of infra-red ear thermometers (with maximum device)	7.11.2003		
CEN	EN ISO 12870:2009 Ophthalmic optics — Spectacle frames — Requirements and test methods (ISO 12870:2004)	This is the first publication	EN ISO 12870:2004 Note 2.1	21.3.2010
CEN	EN 13060:2004 + A1:2009 Small steam sterilisers	This is the first publication	EN 13060:2004 Note 2.1	21.3.2010
CEN	EN ISO 13485:2003 Medical devices — Quality management systems — Requirements for regulatory purposes (ISO 13485:2003) EN ISO 13485:2003/AC:2007	2.4.2004 9.8.2007	EN ISO 13488:2000 EN ISO 13485:2000 EN 46003:1999 Note 2.1	Date expired (31.7.2009)
CEN	EN 13544-1:2007 Respiratory therapy equipment — Part 1: Nebulising systems and their components	9.8.2007	EN 13544-1:2001 Note 2.1	Date expired (31.10.2007)
CEN	EN 13544-2:2002 Respiratory therapy equipment — Part 2: Tubing and connectors	21.12.2002		
CEN	EN 13544-3:2001 Respiratory therapy equipment — Part 3: Air entrainment devices	30.9.2005		

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CEN	EN 13624:2003 Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants for instruments used in the medical area — Test method and requirements (phase 2, step 1)	30.9.2005		
CEN	EN 13718-1:2008 Medical vehicles and their equipment — Air ambulances — Part 1: Requirements for medical devices used in air ambulances	19.2.2009	EN 13718-1:2002 Note 2.1	Date expired (28.2.2009)
CEN	EN 13726-1:2002 Test methods for primary wound dressings — Part 1: Aspects of absorbency EN 13726-1:2002/AC:2003	27.3.2003 This is the first publication		
CEN	EN 13726-2:2002 Test methods for primary wound dressings — Part 2: Moisture vapour transmission rate of permeable film dressings	27.3.2003		
CEN	EN 13727:2003 Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants for instruments used in the medical area — Test method and requirements (phase 2, step 1)	30.9.2005		
CEN	EN 13795-1:2002 Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment — Part 1: General requirements for manufacturers, processors and products	19.2.2009		
CEN	EN 13795-2:2004 Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment — Part 2: Test methods	19.2.2009		
CEN	EN 13795-3:2006 Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment — Part 3: Performance requirements and performance levels	19.2.2009		
CEN	EN 13824:2004 Sterilisation of medical devices — Aseptic processing of liquid medical devices — Requirements	30.9.2005		
CEN	EN 13867:2002 + A1:2009 Concentrates for haemodialysis and related therapies	This is the first publication	EN 13867:2002 Note 2.1	21.3.2010

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN 13976-1:2003 Rescue systems — Transportation of incubators — Part 1: Interface conditions	30.9.2005		
CEN	EN 13976-2:2003 Rescue systems — Transportation of incubators — Part 2: System requirements EN 13976-2:2003/AC:2004	30.9.2005 This is the first publication		
CEN	EN 14079:2003 Non-active medical devices — Performance requirements and test methods for absorbent cotton gauze and absorbent cotton and viscose gauze	30.9.2005		
CEN	EN ISO 14155-1:2003 Clinical investigation of medical devices for human subjects — Part 1: General requirements (ISO 14155-1:2003)	11.11.2003	EN 540:1993 Note 2.1	Date expired (31.8.2003)
CEN	EN ISO 14155-2:2003 Clinical investigation of medical devices for human subjects — Part 2: Clinical investigation plans (ISO 14155-2:2003)	11.11.2003		
CEN	EN ISO 14160:1998 Sterilisation of single-use medical devices incorporating materials of animal origin — Validation and routine control of sterilisation by liquid chemical sterilants (ISO 14160:1998)	27.8.1998		
CEN	EN 14180:2003 + A1:2009 Sterilisers for medical purposes — Low temperature steam and formaldehyde sterilisers — Requirements and testing	This is the first publication	EN 14180:2003 Note 2.1	21.3.2010
CEN	EN 14348:2005 Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants — Test methods and requirements (phase 2, step 1)	30.9.2005		
CEN	EN ISO 14408:2009 Tracheal tubes designed for laser surgery — Requirements for marking and accompanying information (ISO 14408:2005)	This is the first publication	EN ISO 14408:2005 Note 2.1	21.3.2010

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 14534:2009 Ophthalmic optics — Contact lenses and contact lens care products — Fundamental requirements (ISO 14534:2002)	This is the first publication	EN ISO 14534:2002 Note 2.1	21.3.2010
CEN	EN 14561:2006 Chemical disinfectants and antiseptics — Quantitative carrier test for the evaluation of bactericidal activity for instruments used in the medical area — Test method and requirements (phase 2, step 2)	15.11.2006		
CEN	EN 14562:2006 Chemical disinfectants and antiseptics — Quantitative carrier test for the evaluation of fungicidal or yeasticidal activity for instruments used in the medical area — Test method and requirements (phase 2, step 2)	15.11.2006		
CEN	EN 14563:2008 Chemical disinfectants and antiseptics — Quantitative carrier test for the evaluation of mycobactericidal or tuberculocidal activity of chemical disinfectants used for instruments in the medical area — Test method and requirements (phase 2, step 2)	19.2.2009		
CEN	EN ISO 14602:2009 Non-active surgical implants — Implants for osteosynthesis — Particular requirements (ISO 14602:1998)	This is the first publication	EN ISO 14602:1998 Note 2.1	21.3.2010
CEN	EN ISO 14607:2009 Non-active surgical implants — Mammary implants — Particular requirements (ISO 14607:2007)	This is the first publication	EN ISO 14607:2007 Note 2.1	21.3.2010
CEN	EN ISO 14630:2009 Non-active surgical implants — General requirements (ISO 14630:2008)	This is the first publication	EN ISO 14630:2008 Note 2.1	21.3.2010
CEN	EN 14683:2005 Surgical masks — Requirements and test methods	2.6.2006		
CEN	EN ISO 14889:2009 Ophthalmic optics — Spectacle lenses — Fundamental requirements for uncut finished lenses (ISO 14889:2003)	This is the first publication	EN ISO 14889:2003 Note 2.1	21.3.2010
CEN	EN 14931:2006 Pressure vessels for human occupancy (PVHO) — Multi-place pressure chamber systems for hyperbaric therapy — Performance, safety requirements and testing	15.11.2006		

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 14937:2000 Sterilisation of healthcare products — General requirements for characterisation of a sterilising agent and the development, validation and routine control of a sterilisation process for medical devices (ISO 14937:2000) EN ISO 14937:2000/AC:2005	31.7.2002 This is the first publication		
CEN	EN ISO 14971:2007 Medical devices — Application of risk management to medical devices (ISO 14971:2007)	9.8.2007	EN ISO 14971:2000 Note 2.1	31.3.2010
CEN	EN ISO 15001:2004 Anaesthetic and respiratory equipment — Compatibility with oxygen (ISO 15001:2003)	30.9.2005		
CEN	EN ISO 15002:2008 Flow-metering devices for connection to terminal units of medical gas pipeline systems (ISO 15002:2008)	19.2.2009	EN 13220:1998 Note 2.1	31.7.2010
CEN	EN ISO 15004-1:2009 Ophthalmic instruments — Fundamental requirements and test methods — Part 1: General requirements applicable to all ophthalmic instruments (ISO 15004-1:2006)	This is the first publication	EN ISO 15004-1:2006 Note 2.1	21.3.2010
CEN	EN ISO 15225:2000 Nomenclature — Specification for a nomenclature system for medical devices for the purpose of regulatory data exchange (ISO 15225:2000) EN ISO 15225:2000/A1:2004 EN ISO 15225:2000/A2:2005	31.7.2002 30.9.2005 This is the first publication	Note 3 Note 3	Date expired (31.8.2004) Date expired (31.1.2006)
CEN	EN 15424:2007 Sterilisation of medical devices — Low temperature steam and formaldehyde — Requirements for development, validation and routine control of a sterilisation process for medical devices	9.8.2007		
CEN	EN 15546-1:2008 Small bore connectors for liquids and gases in healthcare applications — Part 1 — General Requirements	23.7.2008		
CEN	EN ISO 15747:2005 Plastics containers for intravenous injection (ISO 15747:2003)	30.9.2005		

European Standards Organisation (*)	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 15883-1:2009 Washer-disinfectors — Part 1: General requirements, terms and definitions and tests (ISO 15883-1:2006)	This is the first publication	EN ISO 15883-1:2006 Note 2.1	21.3.2010
CEN	EN ISO 15883-2:2009 Washer-disinfectors — Part 2: Requirements and tests for washer-disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, bowls, dishes, receivers, utensils, glassware, etc. (ISO 15883-2:2006)	This is the first publication	EN ISO 15883-2:2006 Note 2.1	21.3.2010
CEN	EN ISO 15883-3:2009 Washer-disinfectors — Part 3: Requirements and tests for washer-disinfectors employing thermal disinfection for human waste containers (ISO 15883-3:2006)	This is the first publication	EN ISO 15883-3:2006 Note 2.1	21.3.2010
CEN	EN ISO 15883-4:2009 Washer-disinfectors — Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes (ISO 15883-4:2008)	This is the first publication	EN ISO 15883-4:2008 Note 2.1	21.3.2010
CEN	EN ISO 16061:2008 Instrumentation for use in association with non-active surgical implants — General requirements (ISO 16061:2008)	19.2.2009	EN 12011:1998 Note 2.1	Date expired (30.6.2009)
CEN	EN ISO 16201:2006 Technical aids for disabled persons — Environmental control systems for daily living (ISO 16201:2006)	19.2.2009		
CEN	EN ISO 17510-1:2009 Sleep apnoea breathing therapy — Part 1: Sleep apnoea breathing therapy equipment (ISO 17510-1:2007)	This is the first publication	EN ISO 17510-1:2007 Note 2.1	21.3.2010
CEN	EN ISO 17510-2:2009 Sleep apnoea breathing therapy — Part 2: Masks and application accessories (ISO 17510-2:2007)	This is the first publication	EN ISO 17510-2:2007 Note 2.1	21.3.2010
CEN	EN ISO 17664:2004 Sterilisation of medical devices — Information to be provided by the manufacturer for the processing of re-sterilisable medical devices (ISO 17664:2004)	30.9.2005		
CEN	EN ISO 17665-1:2006 Sterilisation of healthcare products — Moist heat — Part 1: Requirements for the development, validation and routine control of a sterilisation process for medical devices (ISO 17665-1:2006)	15.11.2006	EN 554:1994 Note 2.1	Date expired (31.8.2009)
CEN	EN ISO 18777:2009 Transportable liquid oxygen systems for medical use — Particular requirements (ISO 18777:2005)	This is the first publication	EN ISO 18777:2005 Note 2.1	21.3.2010

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 18778:2009 Respiratory equipment — Infant monitors — Particular requirements (ISO 18778:2005)	This is the first publication	EN ISO 18778:2005 Note 2.1	21.3.2010
CEN	EN ISO 18779:2005 Medical devices for conserving oxygen and oxygen mixtures — Particular requirements (ISO 18779:2005)	30.9.2005		
CEN	EN ISO 19054:2006 Rail systems for supporting medical equipment (ISO 19054:2005)	7.9.2006	EN 12218:1998 Note 2.1	Date expired (30.6.2008)
CEN	EN 20594-1:1993 Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment — Part 1: General requirements (ISO 594-1:1986) EN 20594-1:1993/A1:1997 EN 20594-1:1993/AC:1996	18.11.1995 10.8.1999 This is the first publication	Note 3	Date expired (31.5.1998)
CEN	EN ISO 21171:2006 Medical gloves — Determination of removable surface powder (ISO 21171:2006)	7.9.2006		
CEN	EN ISO 21534:2009 Non-active surgical implants — Joint replacement implants — Particular requirements (ISO 21534:2007)	This is the first publication	EN ISO 21534:2007 Note 2.1	21.3.2010
CEN	EN ISO 21535:2009 Non-active surgical implants — Joint replacement implants — Specific requirements for hip-joint replacement implants (ISO 21535:2007)	This is the first publication	EN ISO 21535:2007 Note 2.1	21.3.2010
CEN	EN ISO 21536:2009 Non-active surgical implants — Joint replacement implants — Specific requirements for knee-joint replacement implants (ISO 21536:2007)	This is the first publication	EN ISO 21536:2007 Note 2.1	21.3.2010
CEN	EN ISO 21647:2009 Medical electrical equipment — Particular requirements for the basic safety and essential performance of respiratory gas monitors (ISO 21647:2004, including Cor 1:2005)	This is the first publication	EN ISO 21647:2004 Note 2.1	21.3.2010
CEN	EN ISO 21649:2006 Needle-free injectors for medical use — Requirements and test methods (ISO 21649:2006)	7.9.2006		

European Standards Organisation (*)	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 21969:2006 High-pressure flexible connections for use with medical gas systems (ISO 21969:2005)	7.9.2006	EN 13221:2000 Note 2.1	Date expired (31.12.2007)
CEN	EN ISO 22442-1:2007 Medical devices utilising animal tissues and their derivatives — Part 1: Application of risk management (ISO 22442-1:2007)	27.2.2008	EN 12442-1:2000 Note 2.1	Date expired (30.6.2008)
CEN	EN ISO 22442-2:2007 Medical devices utilising animal tissues and their derivatives — Part 2: Controls on sourcing, collection and handling (ISO 22442-2:2007)	27.2.2008	EN 12442-2:2000 Note 2.1	Date expired (30.6.2008)
CEN	EN ISO 22442-3:2007 Medical devices utilising animal tissues and their derivatives — Part 3: Validation of the elimination and/or inactivation of viruses and transmissible spongiform encephalopathy (TSE) agents (ISO 22442-3:2007)	27.2.2008	EN 12442-3:2000 Note 2.1	Date expired (30.6.2008)
CEN	EN ISO 22523:2006 External limb prostheses and external orthoses — Requirements and test methods (ISO 22523:2006)	9.8.2007	EN 12523:1999 Note 2.1	Date expired (30.4.2007)
CEN	EN ISO 22610:2006 Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment — Test method to determine the resistance to wet bacterial penetration (ISO 22610:2006)	15.11.2006		
CEN	EN ISO 22612:2005 Clothing for protection against infectious agents — Test method for resistance to dry microbial penetration (ISO 22612:2005)	30.9.2005		
CEN	EN ISO 22675:2006 Prosthetics — Testing of ankle-foot devices and foot units — Requirements and test methods (ISO 22675:2006)	9.8.2007		
CEN	EN ISO 23328-1:2008 Breathing system filters for anaesthetic and respiratory use — Part 1: Salt test method to assess filtration performance (ISO 23328-1:2003)	19.2.2009	EN 13328-1:2001 Note 2.1	Date expired (30.9.2008)
CEN	EN ISO 23328-2:2009 Breathing system filters for anaesthetic and respiratory use — Part 2: Non-filtration aspects (ISO 23328-2:2002)	This is the first publication	EN ISO 23328-2:2008 Note 2.1	21.3.2010

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 23747:2009 Anaesthetic and respiratory equipment — Peak expiratory flow meters for the assessment of pulmonary function in spontaneously breathing humans (ISO 23747:2007)	This is the first publication	EN ISO 23747:2007 Note 2.1	21.3.2010
CEN	EN ISO 25539-1:2009 Cardiovascular implants — Endovascular devices — Part 1: Endovascular prostheses (ISO 25539-1:2003 including Amd 1:2005)	This is the first publication	EN ISO 25539-1:2008 Note 2.1	21.3.2010
CEN	EN ISO 25539-2:2009 Cardiovascular implants — Endovascular devices — Part 2: Vascular stents (ISO 25539-2:2008)	This is the first publication	EN ISO 25539-2:2008 Note 2.1	21.3.2010
CEN	EN 27740:1992 Instruments for surgery, scalpels with detachable blades, fitting dimensions (ISO 7740:1985) EN 27740:1992/A1:1997 EN 27740:1992/AC:1996	18.11.1995 10.8.1999 This is the first publication	Note 3	Date expired (31.5.1998)
Cenelec	EN 60118-13:2005 Electroacoustics — Hearing aids — Part 13: Electromagnetic compatibility (EMC) IEC 60118-13:2004	19.1.2006	EN 60118-13:1997 Note 2.1	Date expired (1.2.2008)
Cenelec	EN 60522:1999 Determination of the permanent filtration of X-ray tube assemblies IEC 60522:1999	14.11.2001		
Cenelec	EN 60580:2000 Medical electrical equipment — Dose area product meters IEC 60580:2000	13.12.2002		
Cenelec	EN 60601-1:1990 Medical electrical equipment — Part 1: General requirements for safety IEC 60601-1:1988 EN 60601-1:1990/A1:1993 IEC 60601-1:1988/A1:1991 EN 60601-1:1990/A2:1995 IEC 60601-1:1988/A2:1995	18.11.1995 18.11.1995 18.11.1995	Note 3 Note 3	
Cenelec	EN 60601-1:2006 Medical electrical equipment — Part 1: General requirements for basic safety and essential performance IEC 60601-1:2005	27.11.2008	EN 60601-1:1990 and its amendments Note 2.1	

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
Cenelec	EN 60601-1-1:2001 Medical electrical equipment — Part 1-1: General requirements for safety — Collateral standard: Safety requirements for medical electrical systems IEC 60601-1-1:2000	14.11.2001	EN 60601-1-1:1993 + A1:1996 Note 2.1	Date expired (1.12.2003)
Cenelec	EN 60601-1-2:2001 Medical electrical equipment — Part 1-2: General requirements for safety — Collateral standard: Electromagnetic compatibility — Requirements and tests IEC 60601-1-2:2001 EN 60601-1-2:2001/A1:2006 IEC 60601-1-2:2001/A1:2004	13.12.2002 22.12.2007	EN 60601-1-2:1993 Note 2.1 Note 3	Date expired (1.11.2004) Date expired (1.3.2009)
Cenelec	EN 60601-1-2:2007 Medical electrical equipment — Part 1-2: General requirements for basic safety and essential performance — Collateral standard: Electromagnetic compatibility — Requirements and tests IEC 60601-1-2:2007 (modified)	27.11.2008	EN 60601-1-2:2001 and its amendment Note 2.1	
Cenelec	EN 60601-1-3:1994 Medical electrical equipment — Part 1: General requirements for safety — 3. Collateral standard: General requirements for radiation protection in diagnostic X-ray equipment IEC 60601-1-3:1994	18.11.1995		
Cenelec	EN 60601-1-3:2008 Medical electrical equipment — Part 1-3: General requirements for basic safety and essential performance — Collateral Standard: Radiation protection in diagnostic X-ray equipment IEC 60601-1-3:2008	27.11.2008	EN 60601-1-3:1994 Note 2.1	Date expired (1.7.1995)
Cenelec	EN 60601-1-4:1996 Medical electrical equipment — Part 1-4: General requirements for safety — Collateral standard: Programmable electrical medical systems IEC 60601-1-4:1996 EN 60601-1-4:1996/A1:1999 IEC 60601-1-4:1996/A1:1999	8.11.1997 8.11.1997	Note 3	Date expired (1.12.2002)
Cenelec	EN 60601-1-6:2004 Medical electrical equipment — Part 1-6: General requirements for safety — Collateral standard: Usability IEC 60601-1-6:2004	2.7.2006		

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Cenelec	EN 60601-1-6:2007 Medical electrical equipment — Part 1-6: General requirements for basic safety and essential performance — Collateral Standard: Usability IEC 60601-1-6:2006	27.11.2008	EN 60601-1-6:2004 Note 2.1	
Cenelec	EN 60601-1-8:2004 Medical electrical equipment — Part 1-8: General requirements for safety — Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems IEC 60601-1-8:2003 EN 60601-1-8:2004/A1:2006 IEC 60601-1-8:2003/A1:2006	22.12.2007 22.12.2007	Note 3	Date expired (1.1.2007)
Cenelec	EN 60601-1-8:2007 Medical electrical equipment — Part 1-8: General requirements for basic safety and essential performance — Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems IEC 60601-1-8:2006	27.11.2008	EN 60601-1-8:2004 and its amendment Note 2.1	
Cenelec	EN 60601-1-10:2008 Medical electrical equipment — Part 1-10: General requirements for basic safety and essential performance — Collateral Standard: Requirements for the development of physiologic closed-loop controllers IEC 60601-1-10:2007	27.11.2008		
Cenelec	EN 60601-2-1:1998 Medical electrical equipment — Part 2-1: Particular requirements for the safety of electron accelerators in the range of 1 MeV to 50 MeV IEC 60601-2-1:1998 EN 60601-2-1:1998/A1:2002 IEC 60601-2-1:1998/A1:2002	14.11.2001 13.12.2002	Note 3	Date expired (1.6.2005)
Cenelec	EN 60601-2-2:2000 Medical electrical equipment — Part 2-2: Particular requirements for the safety of high frequency surgical equipment IEC 60601-2-2:1998	13.12.2002	EN 60601-2-2:1993 Note 2.1	Date expired (1.8.2003)
Cenelec	EN 60601-2-2:2007 Medical electrical equipment — Part 2-2: Particular requirements for the safety of high frequency surgical equipment IEC 60601-2-2:2006	22.12.2007	EN 60601-2-2:2000 Note 2.1	Date expired (1.10.2009)

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Cenelec	EN 60601-2-3:1993 Medical electrical equipment — Part 2: Particular requirements for the safety of short-wave therapy equipment IEC 60601-2-3:1991 EN 60601-2-3:1993/A1:1998 IEC 60601-2-3:1991/A1:1998	18.11.1995 18.11.1995	Note 3	Date expired (1.7.2001)
Cenelec	EN 60601-2-4:2003 Medical electrical equipment — Part 2-4: Particular requirements for the safety of cardiac defibrillators IEC 60601-2-4:2002	15.10.2003		
Cenelec	EN 60601-2-5:2000 Medical electrical equipment — Part 2-5: Particular requirements for the safety of ultrasonic physiotherapy equipment IEC 60601-2-5:2000	13.12.2002		
Cenelec	EN 60601-2-7:1998 Medical electrical equipment — Part 2-7: Particular requirements for the safety of high-voltage generators of diagnostic X-ray generators IEC 60601-2-7:1998	9.10.1999		
Cenelec	EN 60601-2-8:1997 Medical electrical equipment — Part 2: Particular requirements for the safety of therapeutic X-ray equipment operating in the range 10 kV to 1 MV IEC 60601-2-8:1987 EN 60601-2-8:1997/A1:1997 IEC 60601-2-8:1987/A1:1997	14.11.2001 14.11.2001	Note 3	Date expired (1.6.1998)
Cenelec	EN 60601-2-10:2000 Medical electrical equipment — Part 2-10: Particular requirements for the safety of nerve and muscle stimulators IEC 60601-2-10:1987 EN 60601-2-10:2000/A1:2001 IEC 60601-2-10:1987/A1:2001	13.12.2002 13.12.2002	Note 3	Date expired (1.11.2004)
Cenelec	EN 60601-2-11:1997 Medical electrical equipment — Part 2-11: Particular requirements for the safety of gamma beam therapy equipment IEC 60601-2-11:1997 EN 60601-2-11:1997/A1:2004 IEC 60601-2-11:1997/A1:2004	9.10.1999 9.10.1999	Note 3	Date expired (1.9.2007)

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Cenelec	EN 60601-2-12:2006 Medical electrical equipment — Part 2-12: Particular requirements for the safety of lung ventilators — Critical care ventilators IEC 60601-2-12:2001	22.12.2007		
Cenelec	EN 60601-2-13:2006 Medical electrical equipment — Part 2-13: Particular requirements for the safety and essential performance of anaesthetic systems IEC 60601-2-13:2003 EN 60601-2-13:2006/A1:2007 IEC 60601-2-13:2003/A1:2006	22.12.2007 22.12.2007	Note 3	Date expired (1.3.2010)
Cenelec	EN 60601-2-16:1998 Medical electrical equipment — Part 2-16: Particular requirements for the safety of haemodialysis, haemodiafiltration and haemofiltration equipment IEC 60601-2-16:1998	9.10.1999		
Cenelec	EN 60601-2-17:2004 Medical electrical equipment — Part 2-17: Particular requirements for the safety of automatically-controlled brachytherapy afterloading equipment IEC 60601-2-17:2004	8.11.2005	EN 60601-2-17:1996 + A1:1996 Note 2.1	Date expired (1.3.2007)
Cenelec	EN 60601-2-18:1996 Medical electrical equipment — Part 2: Particular requirements for the safety of endoscopic equipment IEC 60601-2-18:1996 EN 60601-2-18:1996/A1:2000 IEC 60601-2-18:1996/A1:2000	9.10.1999 9.10.1999	Note 3	Date expired (1.8.2003)
Cenelec	EN 60601-2-19:1996 Medical electrical equipment — Part 2: Particular requirements for the safety of baby incubators IEC 60601-2-19:1990 EN 60601-2-19:1996/A1:1996 IEC 60601-2-19:1990/A1:1996	9.10.1999 9.10.1999	Note 3	Date expired (13.6.1998)
Cenelec	EN 60601-2-20:1996 Medical electrical equipment — Part 2: Particular requirements for the safety of transport incubators IEC 60601-2-20:1990 + A1:1996	9.10.1999		

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Cenelec	EN 60601-2-21:1994 Medical electrical equipment — Part 2: Particular requirements for the safety of infant radiant warmers IEC 60601-2-21:1994 EN 60601-2-21:1994/A1:1996 IEC 60601-2-21:1994/A1:1996	18.11.1995 23.8.2006	 Note 3	 Date expired (13.6.1998)
Cenelec	EN 60601-2-22:1996 Medical electrical equipment — Part 2: Particular requirements for the safety of diagnostic and therapeutic laser equipment IEC 60601-2-22:1995	17.5.1997		
Cenelec	EN 60601-2-23:2000 Medical electrical equipment — Part 2-23: Particular requirements for the safety, including essential performance, of transcutaneous partial pressure monitoring equipment IEC 60601-2-23:1999	14.11.2001	EN 60601-2-23:1997 Note 2.1	Date expired (1.1.2003)
Cenelec	EN 60601-2-24:1998 Medical electrical equipment — Part 2-24: Particular requirements for the safety of infusion pumps and controllers IEC 60601-2-24:1998	9.10.1999		
Cenelec	EN 60601-2-25:1995 Medical electrical equipment — Part 2-25: Particular requirements for the safety of electrocardiographs IEC 60601-2-25:1993 EN 60601-2-25:1995/A1:1999 IEC 60601-2-25:1993/A1:1999	17.5.1997 13.12.2002	 Note 3	 Date expired (1.5.2002)
Cenelec	EN 60601-2-26:2003 Medical electrical equipment — Part 2-26: Particular requirements for the safety of electroencephalographs IEC 60601-2-26:2002	8.11.2005	EN 60601-2-26:1994 Note 2.1	Date expired (1.3.2006)
Cenelec	EN 60601-2-27:2006 Medical electrical equipment — Part 2-27: Particular requirements for the safety, including essential performance, of electrocardiographic monitoring equipment IEC 60601-2-27:2005	26.7.2006	EN 60601-2-27:1994 Note 2.1	Date expired (1.11.2008)
Cenelec	EN 60601-2-28:1993 Medical electrical equipment — Part 2: Particular requirements for the safety of X-ray source assemblies and X-ray tube assemblies for medical diagnosis IEC 60601-2-28:1993	18.11.1995		

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Cenelec	EN 60601-2-29:1999 Medical electrical equipment — Part 2-29: Particular requirements for the safety of radiotherapy simulators IEC 60601-2-29:1999	9.10.1999	EN 60601-2-29:1995 + A1:1996 Note 2.1	Date expired (1.4.2002)
Cenelec	EN 60601-2-29:2008 Medical electrical equipment — Part 2-29: Particular requirements for the basic safety and essential performance of radiotherapy simulators IEC 60601-2-29:2008	15.7.2009	EN 60601-2-29:1999 Note 2.1	1.11.2011
Cenelec	EN 60601-2-30:2000 Medical electrical equipment — Part 2-30: Particular requirements for the safety, including essential performance, of automatic cycling non-invasive blood pressure monitoring equipment IEC 60601-2-30:1999	14.11.2001	EN 60601-2-30:1995 Note 2.1	Date expired (1.2.2003)
Cenelec	EN 60601-2-31:1995 Medical electrical equipment — Part 2-31: Particular requirements for the safety of external cardiac pacemakers with internal power source IEC 60601-2-31:1994 EN 60601-2-31:1995/A1:1998 IEC 60601-2-31:1994/A1:1998	18.11.1995 14.11.2001	Note 3	Date expired (1.1.2001)
Cenelec	EN 60601-2-32:1994 Medical electrical equipment — Part 2: Particular requirements for the safety of associated equipment of X-ray equipment IEC 60601-2-32:1994	18.11.1995		
Cenelec	EN 60601-2-33:2002 Medical electrical equipment — Part 2-33: Particular requirements for the safety of magnetic resonance equipment for medical diagnosis IEC 60601-2-33:2002 EN 60601-2-33:2002/A1:2005 IEC 60601-2-33:2002/A1:2005 EN 60601-2-33:2002/A2:2008 IEC 60601-2-33:2002/A2:2007	15.10.2003 27.7.2006 27.11.2008	EN 60601-2-33:1995 + A11:1997 Note 2.1 Note 3 Note 3	Date expired (1.7.2005) Date expired (1.11.2008) Date expired (1.2.2011)
Cenelec	EN 60601-2-34:2000 Medical electrical equipment — Part 2-34: Particular requirements for the safety, including essential performance, of invasive blood pressure monitoring equipment IEC 60601-2-34:2000	15.10.2003	EN 60601-2-34:1995 Note 2.1	Date expired (1.11.2003)

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
Cenelec	EN 60601-2-35:1996 Medical electrical equipment — Part 2: Particular requirements for the safety of blankets, pads and mattresses, intended for heating in medical use IEC 60601-2-35:1996	9.10.1999		
Cenelec	EN 60601-2-36:1997 Medical electrical equipment — Part 2: Particular requirements for the safety of equipment for extracorporeally induced lithotripsy IEC 60601-2-36:1997	9.10.1999		
Cenelec	EN 60601-2-37:2001 Medical electrical equipment — Part 2-37: Particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment IEC 60601-2-37:2001 EN 60601-2-37:2001/A1:2005 IEC 60601-2-37:2001/A1:2004 EN 60601-2-37:2001/A2:2005 IEC 60601-2-37:2001/A2:2005	13.12.2002 8.11.2005 26.7.2006	Note 3 Note 3	Date expired (1.1.2008) Date expired (1.12.2008)
Cenelec	EN 60601-2-37:2008 Medical electrical equipment — Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment IEC 60601-2-37:2007	27.11.2008	EN 60601-2-37:2001 and its amendments Note 2.1	1.10.2010
Cenelec	EN 60601-2-38:1996 Medical electrical equipment — Part 2-38: Particular requirements for the safety of electrically operated hospital beds IEC 60601-2-38:1996 EN 60601-2-38:1996/A1:2000 IEC 60601-2-38:1996/A1:1999	9.10.1999 14.11.2001	Note 3	Date expired (1.1.2003)
Cenelec	EN 60601-2-39:1999 Medical electrical equipment — Part 2-39: Particular requirements for the safety of peritoneal dialysis equipment IEC 60601-2-39:1999	14.11.2001		
Cenelec	EN 60601-2-39:2008 Medical electrical equipment — Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment IEC 60601-2-39:2007	27.11.2008	EN 60601-2-39:1999 Note 2.1	1.3.2011

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
Cenelec	EN 60601-2-40:1998 Medical electrical equipment — Part 2-40: Particular requirements for the safety of electromyographs and evoked response equipment IEC 60601-2-40:1998	9.10.1999		
Cenelec	EN 60601-2-41:2000 Medical electrical equipment — Part 2-41: Particular requirements for the safety of surgical luminaires and luminaires for diagnosis IEC 60601-2-41:2000	14.11.2001		
Cenelec	EN 60601-2-43:2000 Medical electrical equipment — Part 2-43: Particular requirements for the safety of X-ray equipment for interventional procedures IEC 60601-2-43:2000	13.12.2002		
Cenelec	EN 60601-2-44:2001 Medical electrical equipment — Part 2-44: Particular requirements for the safety of X-ray equipment for computed tomography IEC 60601-2-44:2001	14.11.2001	EN 60601-2-44:1999 Note 2.1	Date expired (1.7.2004)
	EN 60601-2-44:2001/A1:2003 IEC 60601-2-44:2001/A1:2002	8.11.2005	Note 3	Date expired (1.12.2005)
Cenelec	EN 60601-2-45:2001 Medical electrical equipment — Part 2-45: Particular requirements for the safety of mammographic X-ray equipment and mammographic stereotactic devices IEC 60601-2-45:2001	14.11.2001	EN 60601-2-45:1998 Note 2.1	Date expired (1.7.2004)
Cenelec	EN 60601-2-46:1998 Medical electrical equipment — Part 2-46: Particular requirements for the safety of operating tables IEC 60601-2-46:1998	14.11.2001		
Cenelec	EN 60601-2-47:2001 Medical electrical equipment — Part 2-47: Particular requirements for the safety, including essential performance, of ambulatory electrocardiographic systems IEC 60601-2-47:2001	13.12.2002		
Cenelec	EN 60601-2-49:2001 Medical electrical equipment — Part 2-49: Particular requirements for the safety of multifunction patient monitoring equipment IEC 60601-2-49:2001	13.12.2002		

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
Cenelec	EN 60601-2-50:2002 Medical electrical equipment — Part 2-50: Particular requirements for the safety of infant phototherapy equipment IEC 60601-2-50:2000	13.12.2002		
Cenelec	EN 60601-2-51:2003 Medical electrical equipment — Part 2-51: Particular requirements for safety, including essential performance, of recording and analysing single channel and multi-channel electrocardiographs IEC 60601-2-51:2003	24.6.2004		
Cenelec	EN 60627:2001 Diagnostic X-ray imaging equipment — Characteristics of general purpose and mammographic anti-scatter grids IEC 60627:2001	13.12.2002		
Cenelec	EN 60645-1:2001 Electroacoustics — Audiological equipment — Part 1: Pure-tone audiometers IEC 60645-1:2001	13.12.2002	EN 60645-1:1994 Note 2.1	Date expired (1.10.2004)
Cenelec	EN 60645-2:1997 Audiometers — Part 2: Equipment for speech audiometry IEC 60645-2:1993	17.5.1997		
Cenelec	EN 60645-3:1995 Audiometers — Part 3: Auditory test signals of short duration for audiometric and neuro-otological purposes IEC 60645-3:1994	23.8.1996		
Cenelec	EN 60645-3:2007 Electroacoustics — Audiometric equipment — Part 3: Test signals of short duration IEC 60645-3:2007	27.11.2008	EN 60645-3:1995 Note 2.1	1.6.2010
Cenelec	EN 60645-4:1995 Audiometers — Part 4: Equipment for extended high-frequency audiometry IEC 60645-4:1994	23.8.1996		
Cenelec	EN 61217:1996 Radiotherapy equipment — Coordinates, movements and scales IEC 61217:1996	14.11.2001		
	EN 61217:1996/A1:2001 IEC 61217:1996/A1:2000	14.11.2001	Note 3	Date expired (1.12.2003)
	EN 61217:1996/A2:2008 IEC 61217:1996/A2:2007	27.11.2008	Note 3	Date expired (1.2.2011)

European Standards Organisation ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication in the Official Journal	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
Cenelec	EN 61676:2002 Medical electrical equipment — Dosimetric instruments used for non-invasive measurement of X-ray tube voltage in diagnostic radiology IEC 61676:2002	15.10.2003		
Cenelec	EN 62083:2001 Medical electrical equipment — Requirements for the safety of radiotherapy treatment planning systems IEC 62083:2000	13.12.2002		
Cenelec	EN 62220-1:2004 Medical electrical equipment — Characteristics of digital X-ray imaging devices — Part 1: Determination of the detective quantum efficiency IEC 62220-1:2003	24.6.2004		
Cenelec	EN 62220-1-2:2007 Medical electrical equipment — Characteristics of digital X-ray imaging devices — Part 1-2: Determination of the detective quantum efficiency — Detectors used in mammography IEC 62220-1-2:2007	27.11.2008		
Cenelec	EN 62220-1-3:2008 Medical electrical equipment — Characteristics of digital X-ray imaging devices — Part 1-3: Determination of the detective quantum efficiency — Detectors used in dynamic imaging IEC 62220-1-3:2008	15.7.2009		
Cenelec	EN 62304:2006 Medical device software — Software lifecycle processes IEC 62304:2006	27.11.2008		
Cenelec	EN 62366:2008 Medical devices — Application of usability engineering to medical devices IEC 62366:2007	27.11.2008		

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Cenelec: Avenue Marnix 17, 1000 Brussels, BELGIUM, tel. +32 25196871, fax: +32 25196919 (<http://www.cenelec.eu>).

ETSI: 650, route des Lucioles, 06921 Sophia Antipolis, FRANCE, tel. +33 492944200, fax: +33 493654716 (<http://www.etsi.eu>).

- Note 1: Generally the date of cessation of presumption of conformity will be the date of withdrawal (dow), set by the European Standardisation Organisation, but attention of users of these standards is drawn to the fact that in certain exceptional cases this can be otherwise.
- Note 2.1: The new (or amended) standard has the same scope as the superseded standard. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.
- Note 2.2: The new standard has a broader scope than the superseded standard. On the date stated the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.
- Note 2.3: The new standard has a narrower scope than the superseded standard. On the date stated the (partially) superseded standard ceases to give presumption of conformity with the essential requirements of the Directive for those products that fall within the scope of the new standard. Presumption of conformity with the essential requirements of the Directive for products that still fall within the scope of the (partially) superseded standard, but that do not fall within the scope of the new standard, is unaffected.
- Note 3: In case of amendments, the referenced standard is EN CCCC:YYYY, its previous amendments, if any, and the new, quoted amendment. The superseded standard (column 3) therefore consists of EN CCCC:YYYY and its previous amendments, if any, but without the new quoted amendment. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the Directive.

NOTE:

- Any information concerning the availability of the standards can be obtained either from the European Standardisation Organisations or from the national standardisation bodies of which the list is annexed to the Directive 98/34/EC of the European Parliament and of the Council ⁽¹⁾ amended by the Directive 98/48/EC ⁽²⁾.
- Publication of the references in the *Official Journal of the European Union* does not imply that the standards are available in all the Community languages.
- This list replaces all the previous lists published in the *Official Journal of the European Union*. The Commission ensures the updating of this list.
- More information about harmonised standards on the Internet at <http://ec.europa.eu/enterprise/newapproach/standardization/harmstds/>

⁽¹⁾ OJ L 204, 21.7.1998, p. 37.

⁽²⁾ OJ L 217, 5.8.1998, p. 18.