



Draft List of Recognized Standards for Medical Devices

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Health Canada is responsible for helping Canadians maintain and improve their health. It ensures that high-quality health services are accessible, and works to reduce health risks.

Également disponible en français sous le titre :
Ébauche : Normes reconnues pour les instruments médicaux

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Foreword

Guidance documents are meant to provide assistance to industry and health care professionals on how to comply with governing statutes and regulations. Guidance documents also provide assistance to staff on how Health Canada mandates and objectives should be implemented in a manner that is fair, consistent, and effective.

Guidance documents are administrative instruments not having force of law and, as such, allow for flexibility in approach. Alternate approaches to the principles and practices described in this document may be acceptable provided they are supported by adequate justification. Alternate approaches should be discussed in advance with the relevant programme area to avoid the possible finding that applicable statutory or regulatory requirements have not been met.

As a corollary to the above, it is equally important to note that Health Canada reserves the right to request information or material, or define conditions not specifically described in this document, in order to allow the Department to adequately assess the safety, efficacy, or quality of a therapeutic product. Health Canada is committed to ensuring that such requests are justifiable and that decisions are clearly documented.

This document should be read in conjunction with the accompanying notice and the relevant sections of other applicable Guidance documents.

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24 Changes to the List of Recognized Standards

25 Standards Added

26 ISO 25539-2:2012-Ed.2.0

27 Cardiovascular implants - Endovascular devices - Part 2: Vascular stents

28 ISO 13116:2014-Ed.1.0

29 Dentistry — Test Method for Determining Radio-Opacity of Materials

30 ISO 29022:2013-Ed.1.0

31 Dentistry — Adhesion — Notched-edge shear bond strength test

32 IEC 60601-2-1:2014-Ed.3.1

33 Medical electrical equipment - Part 2-1: Particular requirements for the basic safety
34 and essential performance of electron accelerators in the range 1 MeV to 50 MeV

35 IEC 62366-1:2015-Ed.1.0

36 Medical devices - Part 1: Application of usability engineering to medical devices

37 IEC 62366-1/COR 1:2016

38 ASTM F2026-16

39 Standard specification for polyetheretherketone (PEEK) polymers for surgical
40 implant applications

41 ISO 11979-4:2008-Ed.2.0

42 Ophthalmic implants - Intraocular lenses - Part 4: Labelling and information

43 ISO 11979-4/Amd.1:2012

44 ISO 11979-10:2018-Ed.2.0

45 Ophthalmic implants - Intraocular lenses - Part 10: Clinical investigations of
46 intraocular lenses for correction of ametropia in phakic eyes

47 ISO TR 22979:2017-Ed.2.0

48 Ophthalmic implants - Intraocular lenses - Guidance on assessment of the need for
49 clinical investigation of intraocular lens design modifications

50 ASTM F2083-12

51 Standard specification for knee replacement prosthesis

52 ASTM F2346-11

53 Standard test methods for static and dynamic characterization of spinal artificial
54 discs

55

56	ASTM F3140-17
57	Standard test method for cyclic fatigue testing of metal tibial tray components of
58	unicondylar knee joint replacements
59	ASTM F543-17
60	Standard Specification and Test Methods for Metallic Medical Bone Screws
61	IEC 60601-2-45:2015-Ed.3.1
62	Medical electrical equipment – Part 2-45: Particular requirements for the basic
63	safety and essential performance of mammographic X-ray equipment and
64	mammographic stereotactic devices
65	Standards Updated
66	ISO 7199:2016-Ed.3.0
67	Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators)
68	ISO 10993-1:2018-Ed.5.0
69	Biological evaluation of medical devices – Part 1: Evaluation and testing within a risk
70	management process
71	Note: Devices subject to Clause 5.3.2 may require additional testing beyond that
72	which is specified in Clause 5.3.2
73	ISO 10555-1:2013-Ed.2.0
74	Intravascular catheters - Sterile and single-use catheters - Part 1: General
75	requirements
76	ISO 10555-1/Amd.1:2017
77	ISO 25539-1:2017-Ed.2.0
78	Cardiovascular implants – Endovascular devices – Part 1: Endovascular prostheses
79	ISO 4049:2019-Ed.5.0
80	Dentistry – Polymer-based restorative materials
81	ISO 6872:2015-Ed.4.0
82	Dentistry – Ceramic materials
83	ISO 6872/Amd.1:2018
84	ISO 6874:2015-Ed.3.0
85	Dentistry – Polymer-based pit and fissure sealants
86	ISO 7405:2018-Ed.3.0
87	Dentistry – Evaluation of biocompatibility of medical devices used in dentistry
88	

89	ISO 9917-2:2017-Ed.3.0
90	Dentistry - Water-based cements – Part 2: Resin-modified cements
91	ISO 14801:2016-Ed.3.0
92	Dentistry — Implants — Dynamic loading test for endosseous dental implants
93	ISO 22674:2016-Ed.2.0
94	Dentistry – Metallic materials for fixed and removable restorations and appliances
95	ISO 24234:2015-Ed.2.0
96	Dentistry — Dental amalgam
97	ISO/TS 11405:2015-Ed.3.0
98	Dental materials – Testing of adhesion to tooth structure
99	IEC 60601-2-22:2012-Ed.3.1
100	Medical electrical equipment – Part 2-22: Particular requirements for basic safety
101	and essential performance of surgical, cosmetic, therapeutic and diagnostic laser
102	equipment
103	ISO 14708-3:2017-Ed.2.0
104	Implants for Surgery - Active implantable medical devices -- Part 3: Implantable
105	neurostimulators
106	ISO 11979-8:2017-Ed.3.0
107	Ophthalmic implants – Intraocular lenses – Part 8: Fundamental requirements
108	ASTM F1044-05
109	Standard test method for shear testing of calcium phosphate coatings and metallic
110	coatings
111	ASTM F1044-05/(R 2017)
112	ASTM F1044-05/(E 2018)
113	ASTM F1147-05
114	Standard test method for tension testing of calcium phosphate and metal coatings
115	ASTM F1147-05/(R 2017)
116	ASTM F1147-05/(E 2017)
117	ASTM F1717-18
118	Standard Test Methods for Spinal Implant Constructs in a Vertebrectomy Model
119	ASTM F1801-97
120	Standard practice for corrosion fatigue testing of metallic implant materials
121	ASTM F1801-97/(R 2014)

122	ASTM F2077-18
123	Test Methods for Intervertebral Body Fusion Devices
124	ASTM F2267-04
125	Standard Test Method for Measuring Load Induced Subsidence of Intervertebral
126	Body Fusion Device under Static Axial Compression
127	ASTM F2267-04 /(R 2018)
128	ASTM F746-04
129	Standard test method for pitting or crevice corrosion of metallic surgical implant
130	materials
131	ASTM F746-04 /(R 2014)
132	ISO 14242-1:2014-Ed.3.0
133	Implants for surgery — Wear of total hip-joint prostheses — Part 1: Loading and
134	displacement parameters for wear-testing machines and corresponding
135	environmental conditions for test
136	ISO 14242-1/Amd. 1: 2018
137	ISO 14242-2:2016-Ed.2.0
138	Implants for Surgery - Wear of total hip-joint prostheses - Part 2: Methods of
139	measurement
140	ISO 14243-2:2016-Ed.3.0
141	Implants for surgery - Wear of total knee-joint prostheses - Part 2: Methods of
142	measurement
143	ISO 14243-3:2014-Ed.2.0
144	Implants for surgery — Wear of total knee-joint prostheses — Part 3: Loading and
145	displacement parameters for wear-testing machines with displacement control and
146	corresponding environmental conditions for test
147	IEC 60601-2-28:2017-Ed.3.0
148	Medical electrical equipment – Part 2-28: Particular requirements for the basic
149	safety and essential performance of X-ray tube assemblies for medical diagnosis
150	IEC 60601-2-43:2017-Ed.2.1
151	Medical electrical equipment – Part 2-43: Particular requirements for the basic
152	safety and essential performance of X-ray equipment for interventional procedures
153	IEC 60601-2-43/Amd.1:2017
154	

- 155 ISO 11135:2014-Ed.2.0
- 156 Sterilization of health care products – Ethylene oxide – Requirements for the
157 development, validation and routine control of a sterilization process for medical
158 devices
- 159 ISO 11135/Amd.1:2018
- 160 **Standards Removed**
- 161 ISO 9693:1999
- 162 Metal-ceramic dental restorative systems
- 163 ISO 9693/Amd.1:2005
- 164 IEC 60601-1-2:2007-Ed.3.0
- 165 Medical electrical equipment – Part 1-2: General requirements for basic safety and
166 essential performance – Collateral standard: Electromagnetic compatibility –
167 Requirements and tests
- 168 IEC 62366:2014-Ed.1.1
- 169 Medical devices – Application of usability engineering to medical devices
- 170 **List of Recognized Standards**
- 171 **Anaesthetic and Respiratory**
- 172 ASME PVHO-1:2007
- 173 Safety standard for pressure vessels for human occupancy
- 174 ISO 5356-1:2015-Ed.4.0
- 175 Anaesthetic and Respiratory Equipment - Conical Connectors - Part 1: Cones and
176 Sockets
- 177 ISO 5356-2:2012-Ed.3.0
- 178 Anaesthetic and Respiratory Equipment - Conical Connectors - Part 2: Screw
179 threaded weight bearing connectors
- 180 ISO 5360:2012-Ed.3.0
- 181 Anaesthetic Vaporizers - Agent Specific Filling System

182	ISO 7199:2016-Ed.3.0
183	Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators)
184	ISO 8359:1996-Ed.2.0
185	Oxygen Concentrators for medical use - Safety requirements
186	ISO 8359:1996-Ed.2.0/Amd.1:2012
187	ISO 80601-2-12:2011-Ed.1.0
188	Medical electrical equipment – Part 2-12: Particular requirements for basic safety
189	and essential performance of critical care ventilators
190	ISO 80601-2-12:2011-Ed.1.0/Cor.1:2011
191	ISO 80601-2-13:2011-Ed.1.0
192	Medical electrical equipment – Part 2-13: Particular requirements for basic safety
193	and essential performance of an anaesthetic workstation
194	ISO 80601-2-13:2011-Ed.1.0/Amd.1:2015
195	ISO 80601-2-55:2011-Ed.1.0
196	Medical electrical equipment – Part 2-55: Particular requirements for the basic
197	safety and essential performance of respiratory gas monitors
198	ISO 80601-2-61:2011-Ed.1.0
199	Medical electrical equipment – Part 2-61: Particular requirements for basic safety
200	and essential performance of pulse oximeter equipment
201	ISO 80601-2-72:2015-Ed.1.0
202	Medical electrical equipment – Part 2-72: Particular requirements for basic safety
203	and essential performance of home healthcare environment ventilators for
204	ventilator-dependent patients
205	

206 **Biocompatibility**

207 ASTM F981-04

208 Standard practice for assessment of compatibility of biomaterials for surgical
209 implants with respect to effect of materials on muscle and bone

210 ISO 10993-1:2018-Ed.5.0

211 Biological evaluation of medical devices – Part 1: Evaluation and testing within a risk
212 management process

213 **Note:** Devices subject to Clause 5.3.2 may require additional testing beyond that
214 which is specified in Clause 5.3.2

215 ISO 10993-2:2006-Ed.2.0

216 Biological evaluation of medical devices – Part 2: Animal welfare requirements

217 ISO 10993-3:2003-Ed.2.0

218 Biological evaluation of medical devices – Part 3: Tests for genotoxicity,
219 carcinogenicity and reproductive toxicity

220 ISO 10993-4:2002-Ed.2.0

221 Biological evaluation of medical devices – Part 4: Selection of tests for interactions
222 with blood

223 ISO 10993-4:2002-Ed.2.0/Amd.1:2006

224 ISO 10993-5:2009-Ed.3.0

225 Biological evaluation of medical devices – Part 5: Tests for in vitro cytotoxicity

226 ISO 10993-6:2007-Ed.2.0

227 Biological evaluation of medical devices – Part 6: Tests for local effects after
228 implantation

229 ISO 10993-7:2008-Ed.2.0

230 Biological evaluation of medical devices – Part 7: Ethylene oxide sterilization
231 residuals

232 ISO 10993-7:2008-Ed.2.0/Cor.1:2009

233	ISO 10993-9:2009-Ed.2.0
234	Biological evaluation of medical devices – Part 9: Framework for identification and quantification of potential degradation products
235	
236	ISO 10993-10:2010-Ed.3.0
237	Biological evaluation of medical devices – Part 10: Tests for irritation and skin sensitization
238	
239	ISO 10993-11:2006-Ed.2.0
240	Biological evaluation of medical devices – Part 11: Tests for systemic toxicity
241	ISO 10993-12:2007-Ed.3.0
242	Biological evaluation of medical devices – Part 12: Sample preparation and reference materials
243	
244	ISO 10993-13:2010-Ed.2.0
245	Biological evaluation of medical devices – Part 13: Identification and quantification of degradation products from polymeric medical devices
246	
247	ISO 10993-14:2001-Ed.1.0
248	Biological evaluation of medical devices – Part 14: Identification and quantification of degradation products from ceramics
249	
250	ISO 10993-15:2000-Ed.1.0
251	Biological evaluation of medical devices – Part 15: Identification and quantification of degradation products from metals and alloys
252	
253	ISO 10993-16:2010-Ed.2.0
254	Biological evaluation of medical devices – Part 16: Toxicokinetic study design for degradation products and leachables
255	
256	ISO 10993-17:2002-Ed.1.0
257	Biological evaluation of medical devices – Part 17: Establishment of allowable limits for leachable substances
258	
259	

260	ISO 10993-18:2005-Ed.1.0
261	Biological evaluation of medical devices – Part 18: Chemical characterization of
262	materials
263	Cardiovascular
264	ISO 5840-1:2015-Ed.1.0
265	Cardiovascular implants - Cardiovascular implants - Cardiac valve prostheses - Part 1:
266	General requirements
267	ISO 5840-2:2015-Ed.1.0
268	Cardiovascular implants - Cardiac valve prostheses - Part 2: Cardiovascular implants -
269	Surgically implanted heart valve substitutes
270	ISO 5840-3:2013-Ed.1.0
271	Cardiovascular implants — Cardiac valve prostheses — Part 3: Heart valve
272	substitutes implanted by transcatheter techniques
273	ISO 5841-3:2013-Ed.3.0
274	Implants for surgery - Cardiac pacemakers - Part 3: Low-profile connectors (IS-1) for
275	implantable pacemakers
276	ISO 7198:2016-Ed.2.0
277	Cardiovascular implants and extracorporeal systems - Vascular prostheses - Tubular
278	vascular grafts and vascular patches
279	ISO 10555-1:2013-Ed.2.0
280	Intravascular catheters - Sterile and single-use catheters - Part 1: General
281	requirements
282	ISO 10555-1:2013-Ed.2.0/Amd.1:2017
283	ISO 10555-3:2013-Ed.2.0
284	Intravascular catheters - Sterile and single-use catheters - Part 3: Central venous
285	catheters
286	

287	ISO 10555-4:2013-Ed.2.0
288	Intravascular catheters - Sterile and single-use catheters - Part 4: Balloon dilatation
289	catheters
290	ISO 10555-5:2013-Ed.2.0
291	Intravascular catheters - Sterile and single-use catheters - Part 5: Over-needle
292	peripheral catheters
293	ISO 11318:2002-Ed.2.0
294	Cardiac defibrillators – Connector assembly DF-1 for implantable defibrillators -
295	Dimensions and test requirements
296	ISO 14117:2012-Ed.1.0
297	Active implantable medical devices - Electromagnetic compatibility - EMC test
298	protocols for implantable cardiac pacemakers, implantable cardioverter
299	defibrillators and cardiac resynchronization devices
300	ISO 14708-2:2012-Ed.2.0
301	Implants for surgery – Active implantable medical devices – Part 2: Cardiac
302	pacemakers
303	ISO 14708-5:2010-Ed.1.0
304	Implants for surgery – Active implantable medical devices – Part 5: Circulatory
305	support devices
306	ISO 14708-6:2010-Ed.1.0
307	Implants for surgery - Active implantable medical devices - Part 6: Particular
308	requirements for active implantable medical devices intended to treat
309	tachyarrhythmia (including implantable defibrillators)
310	ISO 25539-1:2017-Ed.2.0
311	Cardiovascular implants – Endovascular devices – Part 1: Endovascular prostheses
312	ISO 25539-2:2012-Ed.2.0
313	Cardiovascular implants - Endovascular devices - Part 2: Vascular stents
314	

- 315 ISO 27186:2010-Ed.1.0
- 316 Active implantable medical devices – Four-pole connector system for implantable
317 cardiac rhythm management devices – Dimensional and test requirements
- 318 **Contraception**
- 319 ISO 4074:2002-Ed.1.0
- 320 Natural latex rubber condoms – Requirements and test methods
- 321 ISO 4074:2002-Ed.1.0/Cor.1:2003
- 322 ISO 4074:2002-Ed.1.0/Cor.2:2008
- 323 **Dental**
- 324 ISO 3107:2011-Ed.4.0
- 325 Dentistry – Zinc oxide/eugenol and zinc oxide/non-eugenol cements
- 326 ISO 4049:2019-Ed.5.0
- 327 Dentistry – Polymer-based restorative materials
- 328 ISO 6872:2015-Ed.4.0
- 329 Dentistry – Ceramic materials
- 330 ISO 6872:2015-Ed.4.0/Amd.1:2018
- 331 ISO 6874:2015-Ed.3.0
- 332 Dentistry – Polymer-based pit and fissure sealants
- 333 ISO 6876:2012-Ed.3.0
- 334 Dental root canal sealing materials
- 335 ISO 6877:2006-Ed.2.0
- 336 Dentistry – Root-canal obturating points
- 337 ISO 7405:2018-Ed.3.0
- 338 Dentistry – Evaluation of biocompatibility of medical devices used in dentistry

- 339 ISO 9693-1:2012-Ed.1.0
- 340 Dentistry – Compatibility testing – Part 1: Metal-ceramic systems
- 341 ISO 9917-1:2007-Ed.2.0
- 342 Dentistry – Water-based cements – Part 1: Powder/liquid acid-base cements
- 343 ISO 9917-2:2017-Ed.3.0
- 344 Dentistry - Water-based cements – Part 2: Resin-modified cements
- 345 ISO 10271:2011-Ed.2.0
- 346 Dental metallic materials – Corrosion test methods for metallic materials
- 347 ISO 14801:2016-Ed.3.0
- 348 Dentistry — Implants — Dynamic loading test for endosseous dental implants
- 349 ISO 22674:2016-Ed.2.0
- 350 Dentistry – Metallic materials for fixed and removable restorations and appliances
- 351 ISO 22794:2007-Ed.1.0
- 352 Dentistry – Implantable materials for bone filling and augmentation in oral and
353 maxillofacial surgery – Contents of a technical file
- 354 ISO 22803:2004-Ed.1.0
- 355 Dentistry – Membrane materials for guided tissue regeneration in oral and
356 maxillofacial surgery – Contents of a technical file
- 357 ISO 24234:2015-Ed.2.0
- 358 Dentistry –Dental amalgam
- 359 ISO/TS 11405:2015-Ed.3.0
- 360 Dental materials – Testing of adhesion to tooth structure
- 361 ISO 13116:2014-Ed.1.0
- 362 Dentistry - Test Method for Determining Radio-Opacity of Materials
- 363

364	ISO 29022:2013-Ed.1.0
365	Dentistry - Adhesion - Notched-edge shear bond strength test
366	Electromedical
367	CAN/CSA C22.2 NO 60601-1-14:2014-Ed.3.0
368	Medical electrical equipment – Part 1: General requirements for basic safety and
369	essential performance
370	IEC 60529:2001-Ed.2.1
371	Degrees of protection provided by enclosures (IP Code)
372	IEC 60529:2001-Ed.2.1/Cor.1:2001
373	IEC 60529:2001-Ed.2.1/Cor.2:2007
374	IEC 60529:2001-Ed.2.1/Cor.3:2009
375	IEC 60601-1:2005-Ed.3.0
376	Medical electrical equipment – Part 1: General requirements for basic safety and
377	essential performance
378	IEC 60601-1:2005-Ed.3.0/Cor.1:2006
379	IEC 60601-1:2005-Ed.3.0/Cor.2:2007
380	IEC 60601-1:2012-Ed.3.1
381	Medical electrical equipment – Part 1: General requirements for basic safety and
382	essential performance
383	IEC 60601-1-2:2014-Ed.4.0
384	Medical electrical equipment – Part 1-2: General requirements for basic safety and
385	essential performance – Collateral standard: Electromagnetic disturbances –
386	Requirements and tests
387	IEC 60601-1-6:2013-Ed.3.1
388	Medical electrical equipment – Part 1-6: General requirements for basic safety and
389	essential performance – Collateral standard: Usability

390	IEC 60601-1-8:2012-Ed.2.1
391	Medical electrical equipment – Part 1-8: General requirements for basic safety and
392	essential performance – Collateral Standard: General requirements, tests and
393	guidance for alarm systems in medical electrical equipment and medical electrical
394	systems
395	IEC 60601-1-10:2007-Ed 1.0
396	Medical electrical equipment - Part 1-10: General requirements for basic safety and
397	essential performance – Collateral Standard: Requirements for the development of
398	physiologic closed-loop controllers
399	IEC 60601-1-11:2010 -Ed 1.0
400	Medical electrical equipment – Part 1-11: General requirements for basic safety and
401	essential performance – Collateral Standard: Requirements for medical electrical
402	equipment and medical electrical systems used in the home healthcare environment
403	IEC 60601-2-1:2014-Ed.3.1
404	Medical electrical equipment - Part 2-1: Particular requirements for the basic safety
405	and essential performance of electron accelerators in the range 1 MeV to 50 MeV
406	IEC 60601-2-2:2009-Ed.5.0
407	Medical electrical equipment – Part 2-2: Particular requirements for the basic safety
408	and essential performance of high frequency surgical equipment and high frequency
409	surgical accessories
410	IEC 60601-2-4:2010-Ed.3.0
411	Medical electrical equipment – Part 2-4: Particular requirements for the basic safety
412	and essential performance of cardiac defibrillators
413	IEC 60601-2-5:2009-Ed.3.0
414	Medical electrical equipment – Part 2-5: Particular requirements for the basic safety
415	and essential performance of ultrasonic physiotherapy equipment
416	

- 417 IEC 60601-2-16:2008-Ed.3.0
- 418 Medical electrical equipment – Part 2-16: Particular requirements for basic safety
419 and essential performance of haemodialysis, haemodiafiltration and haemofiltration
420 equipment
- 421 IEC 60601-2-16:2008-Ed.3.0/Cor.1:2008
- 422 IEC 60601-2-18:2009-Ed.3.0
- 423 Medical electrical equipment – Part 2-18: Particular requirements for the basic
424 safety and essential performance of endoscopic equipment
- 425 IEC 60601-2-22:2012-Ed.3.1
- 426 Medical electrical equipment – Part 2-22: Particular requirements for basic safety
427 and essential performance of surgical, cosmetic, therapeutic and diagnostic laser
428 equipment
- 429 IEC 60601-2-23:2011-Ed.3.0
- 430 Medical electrical equipment – Part 2-23: Particular requirements for the basic
431 safety and essential performance of transcutaneous partial pressure monitoring
432 equipment
- 433 IEC 60601-2-24:2012-Ed.2.0
- 434 Medical electrical equipment – Part 2-24: Particular requirements for the basic
435 safety and essential performance of infusion pumps and controllers
- 436 **Note:** Additional accuracy testing results for flow rates below 1 ml/h may be
437 required depending on the pump's intended use
- 438 IEC 60601-2-25:2011-Ed.2.0
- 439 Medical electrical equipment – Part 2-25: Particular requirements for the basic
440 safety and essential performance of electrocardiographs
- 441 IEC 60601-2-26:2012-Ed.3.0
- 442 Medical electrical equipment – Part 2-26: Particular requirements for the basic
443 safety and essential performance of electroencephalographs
444

445 IEC 60601-2-27:2011-Ed.3.0

446 Medical Electrical Equipment – Part 2-27: Particular Requirements for the Basic
447 Safety and Essential Performance of Electrocardiographic Monitoring Equipment

448 IEC 60601-2-27:2011-Ed.3.0/Cor.1:2012

449 IEC 60601-2-31:2008-Ed.2.0

450 Medical electrical equipment – Part 2-31: Particular requirements for the basic
451 safety and essential performance of external cardiac pacemakers with internal
452 power source

453 IEC 60601-2-31:2008-Ed.2.0/Amd.1:2011

454 IEC 60601-2-33:2010-Ed.3.0

455 Medical electrical equipment – Part 2-33: Particular requirements for the basic
456 safety and essential performance of magnetic resonance equipment for medical
457 diagnosis

458 IEC 60601-2-33:2010-Ed.3.0/Cor.1:2012

459 IEC 60601-2-34:2011-Ed.3.0

460 Medical electrical equipment – Part 2-34: Particular requirements for the basic
461 safety and essential performance of invasive blood pressure monitoring equipment

462 IEC 60601-2-47:2012-Ed.2.0

463 Medical electrical equipment – Part 2-47: Particular requirements for the basic
464 safety and essential performance of ambulatory electrocardiographic systems

465 IEC 60601-2-49:2011-Ed.2.0

466 Medical electrical equipment – Part 2-49: Particular requirements for the basic
467 safety and essential performance of multifunction patient monitoring equipment

468 IEC 60601-2-50:2009-Ed.2.0

469 Medical electrical equipment – Part 2-50: Particular requirements for the basic
470 safety and essential performance of infant phototherapy equipment

471 IEC 60601-2-50:2009-Ed.2.0/Cor.1:2010

472

473	IEC 60601-2-57:2011-Ed.1.0
474	Medical electrical equipment – Part 2-57: Particular requirements for the basic
475	safety and essential performance of non-laser light source equipment intended for
476	therapeutic, diagnostic, monitoring and cosmetic/aesthetic use
477	IEC 60825-1:2014-Ed.3.0
478	Safety of laser products - Part 1: Equipment classification and requirements
479	IEC 61000-3-2:2009-Ed.3.2
480	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current
481	emissions (equipment input current ≤ 16 A per phase)
482	IEC 61000-3-2:2009-Ed.3.2/Cor.1:2009
483	IEC 61000-3-3:2008-Ed.2.0
484	Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage
485	changes, voltage fluctuations and flicker in public low-voltage supply systems, for
486	equipment with rated current ≤ 16 A per phase and not subject to conditional
487	connection
488	IEC 61000-4-2:2008-Ed.2.0
489	Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement
490	techniques – Electrostatic discharge immunity test
491	IEC 61000-4-3:2010-Ed.3.2
492	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement
493	techniques – Radiated, radio-frequency, electromagnetic field immunity test
494	IEC 61000-4-4:2012-Ed.3.0
495	Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement
496	techniques – Electrical fast transient/burst immunity test
497	IEC 61000-4-5:2005-Ed.2.0
498	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement
499	techniques – Surge immunity test
500	IEC 61000-4-5:2005-Ed.2.0/Cor.1:2009

- 501 IEC 61000-4-6:2008-Ed.3.0
- 502 Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement
503 techniques – Immunity to conducted disturbances, induced by radio-frequency fields
- 504 IEC 61000-4-8:2009-Ed.2.0
- 505 Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement
506 techniques – Power frequency magnetic field immunity test
- 507 IEC 61000-4-11:2004-Ed.2.0
- 508 Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement
509 techniques – Voltage dips, short interruptions and voltage variations immunity tests
- 510 IEC 80601-2-30:2009-Ed.1.0
- 511 Medical electrical equipment – Part 2-30: Particular requirements for the basic
512 safety and essential performance of automated non-invasive sphygmomanometers
- 513 IEC 80601-2-30:2009-Ed.1.0/Cor.1:2010
- 514 IEC CISPR 11:2010-Ed.5.1
- 515 Industrial, scientific and medical equipment – Radio-frequency disturbance
516 characteristics – Limits and methods of measurement
- 517 ISO 14708-1:2014-Ed.2.0
- 518 Implants for surgery - Active implantable medical devices - Part 1: General
519 requirements for safety, marking and for information to be provided by the
520 manufacturer.
- 521 **General**
- 522 ASTM D4169-16
- 523 Standard Practice for Performance Testing of Shipping Containers and Systems
- 524 ASTM F1140-13
- 525 Standard Test Methods for Internal Pressurization Failure Resistance of Unrestrained
526 Packages
- 527

528	ASTM F1929-98
529	Standard test method for detecting seal leaks in porous medical packaging by dye
530	penetration
531	ASTM F1929-98:2004/(R 2004)
532	ASTM F2096-11
533	Standard Test Method for Detecting Gross Leaks in Packaging by Internal
534	Pressurization (Bubble Test)
535	ASTM F88-15
536	Standard Test Method for Seal Strength of Flexible Barrier Materials
537	IEC 62304:2015-Ed.1.1
538	Medical device software - Software life cycle processes
539	IEC 62366-1:2015-Ed.1.0
540	Medical devices –Part 1: Application of usability engineering to medical devices
541	IEC 62366-1:2015-Ed.1.0/COR 1:2016
542	ISO 10282:2002-Ed.2.0
543	Single-Use Sterile Surgical Rubber Gloves - Specification
544	ISO 11193-1:2008-Ed.2.0
545	Single-use medical examination gloves – Part 1: Specification for gloves made from
546	rubber latex or rubber solution
547	ISO 11193-1:2008-Ed.2.0/Amd.1:2012
548	ISO 11663:2009-Ed.1.0
549	Quality of dialysis fluid for haemodialysis and related therapies
550	ISO 13959:2009-Ed.2.0
551	Water for haemodialysis and related therapies
552	

553	ISO 14155:2011-Ed.2.0
554	Clinical investigation of medical devices for human subjects – Good clinical practice
555	ISO 14155:2011-Ed.2.0/Cor.1:2011
556	ISO 14971:2007-Ed.2.0
557	Medical devices – Application of risk management to medical devices
558	ISO 22442-1:2015-Ed.2.0
559	Medical devices utilizing animal tissues and their derivatives - Part 1: Application of
560	risk management
561	ISO 22442-2:2015-Ed.2.0
562	Medical devices utilizing animal tissues and their derivatives - Part 2: Controls on
563	sourcing, collection and handling
564	ISO 22442-3:2007-Ed.1.0
565	Medical devices utilizing animal tissues and their derivatives – Part 3: Validation of
566	the elimination and/or inactivation of viruses and transmissible spongiform
567	encephalopathy (TSE) agents
568	ISO 26722:2009-Ed.1.0
569	Water treatment equipment for haemodialysis applications and related therapies
570	SAI AS 2869:2008-Ed.4.0
571	Tampons – Menstrual
572	In Vitro Diagnostic
573	CLSI C46-A2:2009-Ed.2.0
574	Blood gas and pH analysis and related measurements; Approved guideline
575	CLSI EP12-A2:2008-Ed.2.0
576	User protocol for evaluation of qualitative test performance; Approved guideline
577	

578	CLSI EP14-A3:2014-Ed.3.0
579	Evaluation of Commutability of Processed Samples; Approved guideline
580	CLSI EP17-A2:2012-Ed.2.0
581	Evaluation of Detection Capability for Clinical Laboratory Measurement Procedures;
582	Approved guideline
583	CLSI EP24-A2:-2011-Ed.2.0
584	Assessment of the Diagnostic Accuracy of Laboratory Tests Using Receiver Operating
585	Characteristic Curves; Approved Guideline – Second Edition
586	CLSI EP25-A:2009-Ed.1.0
587	Evaluation of stability of in vitro diagnostic reagents; Approved guideline
588	(Note: Except: Section 7.1.3)
589	CLSI EP28-A3C:2010-Ed.3.0
590	Defining, establishing, and verifying reference intervals in the clinical laboratory;
591	Approved guideline
592	CLSI EP5-A3:2014-Ed.3.0
593	Evaluation of precision of quantitative measurement procedures; Approved
594	guideline
595	CLSI EP6-A:2003-Ed.1.0
596	Evaluation of the linearity of quantitative measurement procedures: A statistical
597	approach; Approved guideline
598	CLSI EP7-A2:2005-Ed.2.0
599	Interference testing in clinical chemistry; Approved guideline
600	CLSI H15-A3:2000-Ed.3.0
601	Reference and selected procedures for the quantitative determination of
602	hemoglobin in blood; Approved standard
603	

604	CLSI H20-A2:2007-Ed.2.0
605	Reference leukocyte (WBC) differential count (proportional) and evaluation of
606	instrumental methods; Approved standard
607	CLSI I/LA18-A2:2001-Ed.2.0
608	Specifications for immunological testing for infectious diseases; Approved guideline
609	CLSI I/LA21-A2:2008-Ed.2.0
610	Clinical evaluation of immunoassays; Approved guideline
611	CLSI MM01-A3:2012-Ed.3.0
612	Molecular Methods for Clinical Genetics and Oncology Testing; Approved Guideline
613	CLSI MM06-A2:2010-Ed.2.0
614	Quantitative Molecular Methods for Infectious Diseases
615	CLSI MM12-A:2006-Ed.1.0
616	Diagnostic nucleic acid microarrays; Approved guideline
617	CLSI MM13-A:2005-Ed.1.0
618	Collection, transport, preparation, and storage of specimens for molecular methods;
619	Approved guideline. Note: Except: Section 6.1.1
620	CLSI MM16-A:2006-Ed.1.0
621	Use of external RNA controls in gene expression assays; Approved guideline
622	CLSI MM17-A:2008-Ed.1.0
623	Verification and validation of multiplex nucleic acid assays; Approved guideline
624	CLSI POCT14-A:2004-Ed.1.0
625	Point-of-care monitoring of anticoagulation therapy; Approved guideline
626	

- 627 IEC 61010-1:2010-Ed.3.0
- 628 Safety requirements for electrical equipment for measurement, control, and
629 laboratory use – Part 1: General requirements
- 630 IEC 61010-1:2010-Ed.3.0/Cor.1:2011
- 631 IEC 61010-1:2010-Ed.3.0/Cor.2:2013 French Only/Version Francaise
- 632 IEC 61010-2-101:2015-Ed.2.0
- 633 Safety requirements for electrical equipment for measurement, control, and
634 laboratory use – Part 2-101: Particular requirements for in vitro diagnostic (IVD)
635 medical equipment
- 636 IEC 61326-1:2012-Ed.2.0
- 637 Electrical equipment for measurement, control and laboratory use – EMC
638 requirements Part 1: General requirements
- 639 IEC 61326-2-6:2012-Ed.2.0
- 640 Electrical equipment for measurement, control and laboratory use – EMC
641 requirements – Part 2-6: Particular requirements – In vitro diagnostic (IVD) medical
642 equipment
- 643 ISO 15197:2013-Ed.2.0
- 644 In vitro diagnostic test systems – Requirements for blood-glucose monitoring
645 systems for self-testing in managing diabetes mellitus
- 646 ISO 23640:2011-Ed.1.0
- 647 In vitro diagnostic medical devices – Evaluation of stability of in vitro diagnostic
648 reagents
- 649 **Manufacturing**
- 650 ISO 13408-1:2008-Ed.2.0
- 651 Aseptic processing of health care products - Part 1 : General requirements
- 652 ISO 13408-2:2003-Ed.1.0
- 653 Aseptic processing of health care products - Part 2 : Filtration

654	ISO 13408-3:2006-Ed.1.0
655	Aseptic processing of health care products - Part 3 : Lyophilization
656	ISO 13408-4:2005-Ed.1.0
657	Aseptic processing of health care products - Part 4 : Clean-in-place technologies
658	ISO 13408-5:2006-Ed.1.0
659	Aseptic processing of health care products - Part 5 : Sterilization in place
660	ISO 13408-6:2005-Ed.1.0
661	Aseptic processing of health care products - Part 6 : Isolator systems
662	ISO 13408-7:2012-Ed.1.0
663	Aseptic processing of health care products - Part 7 : Alternative processes for
664	medical devices and combination products
665	ISO 14644-1:1999-Ed.1.0
666	Cleanrooms and associated controlled environments - Part 1: Classification of air
667	cleanliness
668	ISO 14644-2:2000-Ed.1.0
669	Cleanrooms and associated controlled environments - Part 2: Specifications for
670	testing and monitoring to prove continued compliance with ISO 14644-1
671	ISO 14644-3:2005-Ed.1.0
672	Cleanrooms and associated controlled environments - Part 3: Test methods
673	ISO 14644-4:2001-Ed.1.0
674	Cleanrooms and associated controlled environments - Part 4: Design, Construction
675	and Start Up
676	ISO 14644-5:2004-Ed.1.0
677	Cleanrooms and associated controlled environments - Part 5: Operations
678	

679	ISO 14644-6:2007-Ed.1.0
680	Cleanrooms and associated controlled environments - Part 6: Vocabulary
681	ISO 14644-7:2004-Ed.1.0
682	Cleanrooms and associated controlled environments - Part 7: Separative devices
683	(clean air hoods, glove boxes, isolators and mini-environments)
684	ISO 14644-8:2013-Ed.2.0
685	Cleanrooms and associated controlled environments - Part 8: Classification of air
686	cleanliness by chemical concentration (ACC)
687	ISO 14644-9:2012-Ed.1.0
688	Cleanrooms and associated controlled environments - Part 9: Classification of
689	surface cleanliness by particle concentration
690	ISO 14644-10:2013-Ed.1.0
691	Cleanrooms and associated controlled environments - Part 10: Classification of
692	surface cleanliness by chemical concentration
693	ISO 14698-1:2003-Ed.1.0
694	Cleanrooms and associated controlled environments - Biocontamination control -
695	Part 1: General principles and methods
696	ISO 14698-2:2003-Ed.1.0
697	Cleanrooms and associated controlled environments - Biocontamination control -
698	Part 2: Evaluation and interpretation of biocontamination data
699	Materials
700	ASTM F1088-04a
701	Standard specification for beta-tricalcium phosphate for surgical implantations
702	ASTM F1088-04a:2010/(R 2010)ASTM F1091-08
703	Standard specification for wrought cobalt-20chromium-15tungsten-10nickel alloy
704	surgical fixation wire (UNS R30605)

705	ASTM F1108-04
706	Standard specification for titanium-6aluminum-4vanadium alloy castings for surgical implants (UNS R56406)
707	
708	ASTM F1108-04:2009/(R 2009)
709	ASTM F1295-05
710	Standard specification for wrought titanium-6 aluminum-7 niobium alloy for surgical implant applications (UNS R56700)
711	
712	ASTM F1314-07
713	Standard specification for wrought nitrogen strengthened 22chromium-13nickel-5manganese-2.5molybdenum stainless steel alloy bar and wire for surgical implants (UNS S20910)
714	
715	
716	ASTM F1350-08
717	Standard specification for wrought 18chromium-14nickel-2.5molybdenum stainless steel surgical fixation wire (UNS S31673)
718	
719	ASTM F136-12
720	Standard specification for wrought titanium-6aluminum-4vanadium ELI (Extra Low Interstitial) alloy for surgical implant applications (UNS R56401)
721	
722	ASTM F138-08
723	Standard specification for wrought 18chromium-14nickel-2.5molybdenum stainless steel bar and wire for surgical implants (UNS S31673)
724	
725	ASTM F139-08
726	Standard specification for wrought 18chromium-14nickel-2.5molybdenum stainless steel sheet and strip for surgical implants (UNS S31673)
727	
728	ASTM F1472-08
729	Standard specification for wrought titanium-6aluminum-4vanadium alloy for surgical implant applications (UNS R56400)
730	
731	

732	ASTM F1537-08
733	Standard specification for wrought cobalt-28 chromium-6 molybdenum alloy for surgical implants (UNS R31537, UNS R31538, and UNS R31539)
734	
735	ASTM F1580-12
736	Standard specification for titanium and titanium-6aluminum-4vanadium alloy powders for coatings of surgical implants
737	
738	ASTM F1586-08
739	Standard specification for wrought nitrogen strengthened 21chromium-10nickel-3manganese-2.5molybdenum stainless steel bar for surgical implants (UNS S31675)
740	
741	ASTM F1713-08
742	Standard specification for wrought titanium-13niobium-13zirconium alloy for surgical implant applications (UNS R58130)
743	
744	ASTM F2026-16
745	Standard specification for polyetheretherketone (PEEK) polymers for surgical implant applications
746	
747	ASTM F2565-06
748	Standard guide for extensively irradiation-crosslinked ultra-high molecular weight polyethylene fabricated forms for surgical implant applications
749	
750	ASTM F560-08
751	Standard specification for unalloyed tantalum for surgical implant applications (UNS R05200, UNS R05400)
752	
753	ASTM F562-07
754	Standard specification for wrought 35cobalt-35nickel-20chromium-10molybdenum alloy for surgical implant applications (UNS R30035)
755	
756	ASTM F620-06
757	Standard specification for alpha plus beta titanium alloy forgings for surgical implants
758	
759	

760	ASTM F621-08
761	Standard specification for stainless steel forgings for surgical implants
762	ASTM F648-07
763	Standard specification for ultra-high-molecular weight polyethylene powder and
764	fabricated form for surgical implants
765	ASTM F648-07:2007/(e 2007)ASTM F67-06
766	Standard specification for unalloyed titanium for surgical implant applications (UNS
767	R50250, UNS R50400, UNS R50550, UNS R50700)
768	ASTM F688-05
769	Standard specification for wrought cobalt-35 nickel-20 chromium-10 molybdenum
770	alloy plate, sheet, and foil for surgical implants (UNS R30035)
771	ASTM F75-12
772	Standard specification for cobalt-28chromium-6molybdenum alloy castings and
773	casting alloy for surgical implants (UNS R30075)
774	ASTM F799-11
775	Standard specification for cobalt-28chromium-6molybdenum alloy forgings for
776	surgical implants (UNS R31537, R31538, R31539)
777	ASTM F899-12
778	Standard specification for wrought stainless steel for surgical instruments
779	ASTM F90-09
780	Standard specification for wrought cobalt-20chromium-15tungsten-10nickel alloy
781	for surgical implant applications (UNS R30605)
782	ASTM F961-08
783	Standard specification for 35cobalt-35nickel-20chromium-10molybdenum alloy
784	forgings for surgical implants (UNS R30035)
785	

786	ISO 3826-1:2003-Ed.1.0
787	Plastic collapsible containers for human blood and blood components – Part 1: Conventional containers
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789	ISO 5832-1:2007-Ed.4.0
790	Implants for Surgery – Metallic materials – Part 1: Wrought stainless steel
791	ISO 5832-1:2007-Ed.4.0/Corr1:2008
792	ISO 5832-2:1999-Ed.3.0
793	Implants for surgery – Metallic materials – Part 2: Unalloyed titanium
794	ISO 5832-3:1996-Ed.3.0
795	Implants for surgery – Metallic materials – Part 3: Wrought titanium 6-aluminium 4- vanadium alloy
796	
797	ISO 5832-4:1996-Ed.2.0
798	Implants for surgery – Metallic materials – Part 4: Cobalt-chromium-molybdenum casting alloy
799	
800	ISO 5832-5:2005-Ed.3.0
801	Implants for surgery – Metallic materials – Part 5: Wrought cobalt-chromium- tungsten-nickel alloy
802	
803	ISO 5832-6:1997-Ed.2.0
804	Implants for surgery – Metallic materials – Part 6: Wrought cobalt-nickel-chromium- molybdenum alloy
805	
806	ISO 5832-9:2007-Ed.2.0
807	Implants for surgery – Metallic materials – Part 9: Wrought high nitrogen stainless steel
808	
809	ISO 5832-11:1994-Ed.1.0
810	Implants for surgery – Metallic materials – Part 11: Wrought titanium 6-aluminium 7-niobium alloy
811	
812	

813	ISO 5832-12:2007-Ed.2.0
814	Implants for surgery – Metallic materials – Part 12: Wrought cobalt-chromium-molybdenum alloy
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816	ISO 5832-12:2007-Ed.2.0/Cor.1:2008
817	ISO 5834-2:2011-Ed.4.0
818	Implants for surgery – Ultra-high molecular weight polyethylene – Part 2: Moulded forms
819	
820	ISO 6474-1:2010-Ed.1.0
821	Implants for surgery – Ceramic materials – Part 1: Ceramic materials based on high purity alumina
822	
823	ISO 6474-2:2012-Ed.1.0
824	Implants for surgery - Ceramic materials - Part 2: Composite materials based on a highpurity alumina matrix with zirconia reinforcement
825	
826	ISO 7153-1:1991-Ed.2.0
827	Surgical instruments – Metallic materials – Part 1: Stainless steel
828	ISO 7153-1:1991-Ed.2.0/Amd.1:1999
829	ISO 13402:1995-Ed.1.0
830	Surgical and dental hand instruments – Determination of resistance against autoclaving, corrosion and thermal exposure
831	
832	ISO 13782:1996-Ed.1.0
833	Implants for surgery – Metallic materials – Unalloyed tantalum for surgical implant applications
834	
835	Neurology
836	IEC 60601-2-10:2012-Ed.2.0
837	Medical electrical equipment – Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators
838	
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840	ISO 14708-3:2017-Ed.2.0
841	Implants for Surgery - Active implantable medical devices -- Part 3: Implantable neurostimulators
842	
843	
844	ISO 14708-7:2013-Ed.1.0
845	Implants for surgery - Active implantable medical devices - Part 7: Particular requirements for cochlear implant systems
846	
847	Ophthalmology
848	ANSI Z80.7:2002
849	Ophthalmic optics – Intraocular lenses
850	ISO 11979-1:2006-Ed.2.0
851	Ophthalmic implants – Intraocular lenses – Part 1: Vocabulary
852	ISO 11979-2:2014-Ed.2.0
853	Ophthalmic implants -- Intraocular lenses -- Part 2: Optical properties and test methods
854	
855	ISO 11979-3:2006-Ed.2.0
856	Ophthalmic implants – Intraocular lenses – Part 3: Mechanical properties and test methods
857	
858	ISO 11979-4:2008-Ed.2.0
859	Ophthalmic implants - Intraocular lenses - Part 4: Labelling and information
860	ISO 11979-4:2008-Ed.2.0/Amd.1:2012
861	ISO 11979-5:2006-Ed.2.0
862	Ophthalmic implants – Intraocular lenses – Part 5: Biocompatibility
863	ISO 11979-6:2007-Ed.2.0
864	Ophthalmic implants – Intraocular lenses – Part 6: Shelf-life and transport stability
865	

866	ISO 11979-7:2006-Ed.2.0
867	Ophthalmic implants – Intraocular lenses – Part 7: Clinical investigations
868	ISO 11979-7:2006-Ed.2.0/Amd.1:2012
869	ISO 11979-8:2017-Ed.3.0
870	Ophthalmic implants – Intraocular lenses – Part 8: Fundamental requirements
871	ISO 11979-10:2018-Ed.2.0
872	Ophthalmic implants - Intraocular lenses - Part 10: Clinical investigations of
873	intraocular lenses for correction of ametropia in phakic eyes
874	ISO TR 22979:2017-Ed.2.0
875	Ophthalmic implants - Intraocular lenses - Guidance on assessment of the need for
876	clinical investigation of intraocular lens design modifications
877	ISO 11980:2009-Ed.2.0
878	Ophthalmic optics – Contact lenses and contact lens care products – Guidance for
879	clinical investigations
880	ISO 15004-2:2007-Ed.1.0
881	Ophthalmic instruments – Fundamental requirements and test methods – Part 2:
882	Light hazard protection
883	ISO 18369-1:2006-Ed.1.0
884	Ophthalmic optics – Contact lenses – Part 1: Vocabulary, classification system and
885	recommendations for labelling specifications
886	ISO 18369-1:2006-Ed.1.0/Amd.1:2009
887	ISO 18369-2:2006-Ed.1.0
888	Ophthalmic optics – Contact lenses – Part 2: Tolerances
889	ISO 18369-3:2006-Ed.1.0
890	Ophthalmic optics – Contact lenses – Part 3: Measurement methods
891	

892	ISO 18369-4:2006-Ed.1.0
893	Ophthalmic optics – Contact lenses – Part 4: Physicochemical properties of contact lens materials
894	
895	IEC 80601-2-58:2016-Ed.2.1
896	Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery
897	
898	
899	Orthopaedics
900	ASTM F1044-05
901	Standard test method for shear testing of calcium phosphate coatings and metallic coatings
902	
903	ASTM F1044-05:2005/(R 2017)
904	ASTM F1044-05:2005/(E 2018)
905	ASTM F1089-10
906	Standard test method for corrosion of surgical instruments
907	ASTM F1147-05
908	Standard test method for tension testing of calcium phosphate and metal coatings
909	
910	ASTM F1147-05:2005/(E 2017)
911	ASTM F1160-14
912	Standard test method for shear and bending fatigue testing of calcium phosphate and metallic medical and composite calcium phosphate/metallic coatings
913	
914	ASTM F1377-13
915	Standard specification for cobalt-28chromium-6molybdenum powder for coating of orthopedic Implants (UNS R30075)
916	
917	

- 918 ASTM F1609-08
- 919 Standard Specification for calcium phosphate coatings for implantable materials
- 920 ASTM F1609-08:2008/(R 2014)
- 921 ASTM F1717-18
- 922 Standard Test Methods for Spinal Implant Constructs in a Vertebrectomy Model
- 923 ASTM F1798-13
- 924 Standard Test Method for evaluating the static and fatigue properties of
- 925 interconnection mechanisms and subassemblies used in spinal arthrodesis implants
- 926 ASTM F1800-12
- 927 Standard Practice for Cyclic Fatigue Testing of Metal Tibial Tray Components of Total
- 928 Knee Joint Replacements
- 929 ASTM F1801-97
- 930 Standard practice for corrosion fatigue testing of metallic implant materials
- 931 ASTM F1801-97:1997/(R 2014)
- 932 ASTM F1829-17
- 933 Standard Test Method for Static Evaluation of Anatomic Glenoid Locking Mechanism
- 934 in Shear
- 935 ASTM F1875-98
- 936 Standard Practice for Fretting Corrosion Testing of Modular Implant Interfaces: Hip
- 937 Femoral Head-Bore and Cone Taper Interface
- 938 ASTM F1875-98:2014/(R 2014)
- 939 ASTM F2028-14
- 940 Standard Test Methods for Dynamic Evaluation of Glenoid Loosening or
- 941 Disassociation
- 942 ASTM F2077-18
- 943 Test Methods for Intervertebral Body Fusion Devices

944	ASTM F2267-04
945	Standard Test Method for Measuring Load Induced Subsidence of Intervertebral
946	Body Fusion Device under Static Axial Compression
947	ASTM F2267-04:2004/(R 2018)
948	ASTM F2346-11
949	Standard test methods for static and dynamic characterization of spinal artificial
950	discs
951	ASTM F2582-14
952	Standard Test Method for Impingement of Acetabular Prostheses
953	ASTM F2665-09
954	Standard Specification for Total Ankle Replacement Prosthesis
955	ASTM F2665-09:2014/(R 2014)
956	ASTM F2943-14
957	Standard Guide for Presentation of End User Labeling Information for
958	Musculoskeletal Implants
959	ASTM F3140-17
960	Standard test method for cyclic fatigue testing of metal tibial tray components of
961	unicondylar knee joint replacements
962	ASTM F543-17
963	Standard Specification and Test Methods for Metallic Medical Bone Screws
964	ASTM F746-04
965	Standard test method for pitting or crevice corrosion of metallic surgical implant
966	materials
967	ASTM F746-04:2004/(R 2014)
968	ASTM F86-13
969	Standard Practice for Surface Preparation and Marking of Metallic Surgical Implants
970	

971	ASTM F897-02
972	Standard test method for measuring fretting corrosion of osteosynthesis plates and screws
973	
974	ASTM F897-02:2002/(R 2013)
975	ASTM F983-86
976	Standard practice for permanent marking of orthopaedic implant components
977	
978	ISO 5838-1:2013-Ed.3.0
979	Implants for surgery - Metallic skeletal pins and wires Part 1: General requirements
980	ISO 5838-2:1991-Ed.1.0
981	Implants for surgery – Skeletal pins and wires – Part 2: Steinmann skeletal pins – Dimensions
982	
983	ISO 5838-3:1993-Ed.1.0
984	Implants for surgery – Skeletal pins and wires – Part 3: Kirschner skeletal wires
985	ISO 7153-1:1991-Ed.2.0
986	Surgical instruments – Metallic materials – Part 1: Stainless steel
987	ISO 7153-1:1991-Ed.2.0/Amd.1:1999
988	ISO 7206-4:2010-Ed.3.0
989	Implants for surgery partial and total hip joint prostheses – Part 4: Determination of endurance properties and performance of stemmed femoral components
990	
991	ISO 7206-6:2013-Ed.2.0
992	Implants for surgery - Partial and total hip joint prostheses - Part 6: Endurance properties testing and performance requirements of neck region of stemmed femoral components
993	
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996	ISO 9583:1993-Ed.1.0
997	Implants for surgery – Non-destructive testing – Liquid penetrant inspection of metallic surgical implants
998	
999	ISO 14242-1:2014-Ed.3.0
1000	Implants for surgery — Wear of total hip-joint prostheses — Part 1: Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test
1001	
1002	
1003	ISO 14242-1:2014-Ed.3.0/Amd. 1: 2018
1004	ISO 14242-2:2016-Ed.2.0
1005	Implants for Surgery - Wear of total hip-joint prostheses - Part 2: Methods of measurement
1006	
1007	ISO 14243-1:2009-Ed.2.0
1008	Implants for surgery - Wear of total knee-joint prostheses - Part 1: Loading and displacement parameters for wear-testing machines with load control and corresponding environmental conditions for test
1009	
1010	
1011	ISO 14243-2:2016-Ed.3.0
1012	Implants for surgery - Wear of total knee-joint prostheses - Part 2: Methods of measurement
1013	
1014	ISO 14243-3:2014-Ed.2.0
1015	Implants for surgery — Wear of total knee-joint prostheses — Part 3: Loading and displacement parameters for wear-testing machines with displacement control and corresponding environmental conditions for test
1016	
1017	
1018	ISO 14630:2012-Ed.4.0
1019	Non-active surgical implants - General requirements
1020	Radiology
1021	AIUM/NEMA UD 2:2004
1022	Acoustic output measurement standard for diagnostic ultrasound equipment
1023	AIUM/NEMA UD 2:2004/(R 2009)

1024	AIUM/NEMA UD 3:2004
1025	Standard for real-time display of thermal and mechanical acoustic output indices on diagnostic ultrasound equipment
1026	
1027	IEC 60601-1-3:2013-Ed.2.1
1028	Medical electrical equipment – Part 1-3: General requirements for basic safety and essential performance – Collateral Standard: Radiation protection in diagnostic X-ray equipment
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