(PREVIEW)

Indian Standard

IMPLANTS FOR SURGERY — ACTIVE IMPLANTABLE MEDICAL DEVICES

PART 3 IMPLANTABLE NEUROSTIMULATORS

1 Scope

This part of ISO 14708 is applicable to active implantable medical devices intended for electrical stimulation of the central or peripheral nervous system.

This part of ISO 14708 is also applicable to all non-implantable parts and accessories of the devices as defined in Clause 3.

The tests that are specified in this part of ISO 14708 are type tests intended to be carried out on a sample of a device to show compliance, and are not intended to be used for the routine testing of manufactured products.

NOTE This part of ISO 14708 is not intended to apply to non-implantable neurostimulation devices. However, it does apply to devices intended to be used as trial screeners because of their close affiliation with implantable neurostimulators.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 14708-1, *Implants for surgery — Active implantable medical devices — Part 1: General requirements for safety, marking and for information to be provided by the manufacturer*

IEC 60601-1:2005, *Medical electrical equipment — Part 1: General requirements for basic safety and essential performance*

IEC 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 61000-4-3:2002, *Electromagnetic compatibility (EMC) — Part 4-3: Testing and measurement techniques — Radiated, radio-frequency, electromagnetic field immunity test*

ANSI/AAMI PC69:2000, *Active implantable medical devices — Electromagnetic compatibility — EMC test protocols for implantable cardiac pacemakers and implantable cardioverter defibrillators*