IEC 62083

Edition 3.0 2025-12

INTERNATIONAL STANDARD

Medical device software - Requirements for the safety of radiotherapy treatment planning systems

ICS 11.040.60

ISBN 978-2-8327-0914-6

IEC 62083:2025-12(en)

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IEC 62083 has been prepared by IEC subcommittee 62C: Equipment for radiotherapy, nuclear medicine and radiation dosimetry, of IEC technical committee 62: Medical equipment, software, and systems. It is an International Standard.

This third edition cancels and replaces the second edition published in 2009. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

– modification of the title from Medical electrical system - Requirements for the safety of radiotherapy treatment planning systems, to Medical device software - Requirements for the safety of radiotherapy treatment planning systems;
– adaptive radiotherapy is added in Clause 16;
– the title reflects different implementations of radiotherapy treatment planning systems.

The text of this document is based on the following documents:

FDIS	Report on voting
62C/957/FDIS	62C/966/RVD

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

The language used for the development of this International Standard is English.

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