

SYNOPSIS

1. IS/IEC 62563-1 : 2009 'Medical Electrical Equipment — Medical image display system : Part 1 Evaluation methods'

a) **Scope:** This Standard describes the evaluation methods for testing medical image display systems. It is directed to practical tests that can be visually evaluated or measured using basic test equipment. It applies to medical image display systems, which can display monochrome image information in the form of greyscale values on colour and greyscale image display systems (e.g. cathode ray tube (CRT) monitors, flat panel displays, projection system).

This standard applies to medical image display systems used for diagnostic (interpretation of medical images toward rendering clinical diagnosis) or viewing (viewing medical images for medical purposes other than for providing a medical interpretation) purposes and therefore having specific requirements in terms of image quality. Head mounted image display systems and image display systems used for confirming positioning and for operation of the system are not covered by this standard.

b) **Salient features of content:** This standard consists prerequisites, equipment and tools and evaluation methods.

c) **Type/grades/classes, if any covered in the standards:** Nil

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13/11/19