American National Standard

ANSI/AAMI EC53:2013/(R)2020

ECG trunk cables and patient leadwires

AAMI
Advancing Safety in Health Technology

American National Standard **ANSI/AAMI EC53:2013/(R)2020**

(Revision of ANSI/AAMI EC53:1995 and ANSI/AAMI EC53A:1998)

ECG TRUNK CABLES and PATIENT LEADWIRES

Developed by
Association for the Advancement of Medical Instrumentation

Approved 19 November 2013 and reaffirmed 20 November 2020 by
American National Standards Institute, Inc.

Abstract: The objective of this standard is to allow ECG TRUNK CABLES and PATIENT LEADWIRES to be interchanged between ECG DEVICES with isolated PATIENT connections by establishing a common interface between the TRUNK CABLE and the PATIENT LEADWIRE connectors. Performance and safety criteria for TRUNK CABLES and PATIENT LEADWIRES used with isolated PATIENT connectors are also specified. This standard's original scope related to TRUNK CABLES and PATIENT LEADWIRES used with cardiac monitors. The scope was extended to include PATIENT LEADWIRES used with other ECG DEVICES including diagnostic electrocardiographs, ambulatory ECG (Holter) recorders/event recorders and ECG telemetry.

Keywords: electrocardiographic monitoring; cardiac monitoring; cables; patient leadwires

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