STANDARDS UPDATE

Looking for training on AAMI Standards Management Platform (StMP)? Information is available here.

Join us

AAMI eXchange 2024
June 14-17, 2024 | Phoenix, AZ
The Phoenix Convention Center, North Building
Join us for four days where the entire field of healthcare technology management comes together to learn, connect with peers, and showcase the latest innovations, upgrades, and advances in health technology—which is where you come in! Register here. For information on standards development activities at AAMI eXchange, click here.

AAMI Standards Insider

AAMI’s Standards Insider has been revamped. Please view our bimonthly video snippets for news and updates about AAMI’s standards program and portfolio here. If there are any topics that you would like the Standards team to address, please reach out to Standards@aami.org.

Publications

PUBLISHED! AAMI TIR48:2024; Quality management systems (QMS) recommendations on application of the U.S. FDA’s CGMP final rule on combination products. Click here for more information.

PUBLISHED! AAMI TIR99:2024; Processing of Dilators, Transesophageal and Ultrasound Probes In Health Care Facilities. Click here for more information.

PUBLISHED! AAMI TIR106:2024; Microbiological Methods—Understanding and Use Of Product Bioburden Data. Click here for more information.

PUBLISHED! ANSI/AAMI/ISO 13004:2022, Sterilization of Health Care Products—Radiation—Substantiation of Selected Sterilization Dose: Method VD_{max}^{SD}. Click here for more information.


**NATIONAL STANDARDS**

**AAMI Call for Comments**

*If you would like to comment on one of the draft documents listed below, contact the individual indicated by email to receive a PDF copy of the draft. These copies are free.*

*Published documents proposed for reaffirmation can be purchased from the AAMI Store.*

**Comments due 13 May 2024**

**AAMI EQ56, Standard for a medical equipment management program** (proposed new American National Standard). This document specifies minimum requirements for a management program designed to minimize risks associated with medical equipment that is used during the care of patients in a healthcare delivery organization. This document addresses the structure of the program, documentation requirements, staffing, resources, relationship/client management, service continuity and availability, change management, and quality management associated with the management of medical equipment. Contact: Mike Miskell

**AAMI EQ103, Alternate equipment management (AEM) in healthcare facilities** (proposed new American National Standard). This document provides a framework for the development and ongoing management of an AEM program. It assists healthcare delivery organizations (HDOs) seeking to meet the related Conditions of Participation set by the Centers for Medicare and Medicaid Services (CMS). By incorporating a quantitative, scientific, and risk-based methodology, along with input from clinical staff, this document establishes minimum requirements for AEM programs. For devices included in an AEM program, this document provides requirements for procedures that assure acceptable levels of safety and performance are maintained. Contact: Mike Miskell

**Comments due 3 June 2024**

**AAMI EQ110, Healthcare technology management (HTM) educational programs** (proposed new American National Standard). This document provides a recommended framework for new or established educational opportunities for future HTM professionals. It addresses normative definitions,
learner evaluation, learning topics, instructor qualifications, facilities, instructional best practices, workplace training, learning venue support, and stakeholder relations. Contact: Mike Miskell

New Work

Initiation of the following New Work Items have been approved and added to AAMI’s standards work program in the past three months. Directly and materially interested parties wishing to receive more information or to submit comments are to contact the individual indicated by email.

AAMI SM-WG05, Medical Device Security Working Group. The working group is developing a new consensus report (CR) with the title Security Risk Estimation for Medical Devices. This consensus report will provide guidance for security risk estimation within the context defined by ANSI/AAMI SW96: 2023 Standard for medical device security—Security risk management for device manufacturers. Contact: Rose Kodzwa.

Project Initiation Notice

The following projects have been initiated by AAMI in the past three months. Directly and materially interested parties wishing to receive more information or to submit comments are to contact the individual indicated by email.


Consensus Body Members Needed

The committees listed below are seeking new members in the indicated stakeholder interest category to participate in the development of their documents. Definitions of the various stakeholder groups are:
Industry: A member of a consensus body who, as an individual or organizational representative, is involved in the commercial production, promotion, sale, use or distribution of materials, products, systems, or services covered in the scope of technical documents developed by AAMI shall be classified as an Industry Interest stakeholder. Individuals in this interest category include manufacturers, those involved in supply chains, employees of test labs or commercial labs, industry consultants, etc.

User: A member of a consensus body who, as an individual or organizational representative, purchases, utilizes or receives the materials, products, systems, or services covered in the scope of technical documents developed by AAMI in the delivery of healthcare shall be classified as a User Interest stakeholder. Individuals in this interest category include clinicians, employees or representatives of Healthcare Delivery Organizations, clinical consultants, patients, etc.

Regulatory: A member of a consensus body who, as an individual or organizational representative, is involved in the regulation of the materials, products, systems, or services covered in the scope of the technical documents developed by AAMI shall be classified as a Regulatory Interest stakeholder. Individuals in this interest category would include those representing federal, state, local, foreign, or other government entities.

General interest: A member of a consensus body who, as an individual or organizational representative, has a general direct and material interest in the materials, products, systems, or services covered in the scope of the technical documents developed by AAMI and who does not fit into any of the preceding categories shall be classified as a General Interest stakeholder. Individuals in this category would include noncommercial academicians, noncommercial researchers, patient or consumer advocates, representatives of accrediting organizations, representatives of other organizations, etc.

Other Interest: A member who does not fit into any of the preceding interest categories but who still has an identifiable material interest in, or specialized knowledge of the materials, products, systems, or services covered in the scope of technical documents developed by AAMI in the delivery of healthcare shall be classified as an Other Interest stakeholder. The particular interest shall be declared and documented.

Please contact the staff person indicated for more information on how to join.

AAMI AI, Artificial Intelligence Committee. AAMI is seeking user, regulatory, and general interest members to participate in the development of a new standard, AAMI AI120 – Bias Management for Machine Learning (ML) Systems. Contact: Rachel Porter

AAMI BE-WG02, Degradation aspects related to biological testing Working Group. AAMI is seeking user, regulatory, and general interest members to participate in the expedited adoption of ISO 10993-9:2019, Biological evaluation of medical devices — Part 9: Framework for identification and
quantification of potential degradation products and ISO/TS 37137-1:2021, Biological evaluation of absorbable medical devices — Part 1: General requirements Contact: Rose Kodzwa

AAMI BE-WG08, Irritation and sensitization Working Group. AAMI is seeking user, regulatory, and general interest members to participate in the expedited adoption of ISO 10993-10:2021, Biological evaluation of medical devices — Part 10. Contact: Rose Kodzwa

AAMI BE-WG11, Allowable limits for leachable substances Working Group. AAMI is seeking user, regulatory, and general interest members to participate in the expedited adoption of ISO 10993-17:2023, Biological evaluation of medical devices — Part 17: Toxicological risk assessment of medical device constituents. Contact: Rose Kodzwa

AAMI BE-WG12, Sample preparation and reference materials Working Group. AAMI is seeking user, regulatory, and general interest members to participate in the expedited adoption of ISO 10993-12:2021, Biological evaluation of medical devices — Part 12: Sample preparation and reference materials. Contact: Rose Kodzwa

AAMI BE-WG19, Tissue Product Safety Working Group. AAMI is seeking industry, user, regulatory, and general interest members for the newly formed working group to provide input on ISO TC/194/WG 19 activities. Contact: Rose Kodzwa

AAMI BG, Blood/Gas Exchange Device Committee. The committee is seeking industry, user, regulatory, and general interest members to participate in the revision of ISO 7199, Cardiovascular implants and artificial organs — Blood-gas exchangers Blood-gas exchangers and to provide input on ISO TC150/SC2/WG4 activities Contact: Jill Zajac

AAMI BP, Blood Pressure Monitoring Committee. The committee is seeking regulatory, user and general interest members to participate in the reaffirmation and future revision of AAMI BP22-1994 (R2016), Blood pressure transducers. Contact: Ladan Bulookbashi

AAMI CI, Cochlear Implants Committee. The committee is seeking industry, regulatory, and general interest members to participate in the reaffirmation and future revision of AAMI CI86-2017, Cochlear implant systems—Requirements for safety, functional verification, labeling and reliability reporting. Contact: Mike Miskell

AAMI CP, Combination Products Committee. The committee is seeking user, regulatory, and general interest/regulator members to contribute to the development and review of various TIRs Contact: Jill Zajac

AAMI CV, Cardiac Valves Committee. The committee is seeking user, regulatory, and general interest members to participate in the US adoption of amendments to ISO 5840-1:2021, Cardiovascular implants—Cardiac valve prostheses—Part 1: General requirements; ISO 5840-2:2021, Cardiovascular
implants—Cardiac valve prostheses—Part 2: Surgically implanted heart valve substitutes; and ISO 5840-3:2021, Cardiovascular implants—Cardiac valve prostheses—Part 3: Heart valve substitutes implanted by transcatheter techniques; and the revision of ISO 5910:2018, Cardiovascular implants and extracorporeal systems—Cardiac valve repair devices. Contact: Jill Zajac

AAMI DPC-10, Needles Working Group. The committee is seeking user, industry, and general interest/regulator members to contribute to the development of the U.S. positions towards the revisions of ISO 9626:2016, Stainless steel needle tubing for the manufacture of medical devices and ISO 7864:2016, Sterile hypodermic needles for single use. Contact: Sam Alameda

AAMI EQ-WG01, Healthcare Technology Management (HTM) Program Management working group. The working group is seeking general interest, industry, and regulatory members to participate in the revision of AAMI EQ56:2013, Recommended practice for a medical equipment management program. Contact: Mike Miskell

AAMI EQ-WG02, Servicing Vocabulary Working Group. The working group is seeking regulatory and general interest members to participate in the reaffirmation of AAMI EQ93:2019/Ed. 1, Medical equipment management - Vocabulary used in medical equipment programs. Contact: Mike Miskell

AAMI EQ-WG04, Alternative Equipment Maintenance Working Group. The working group is seeking industry, regulatory and general interest members to participate in the development of AAMI EQ103/Ed.1, Alternative equipment maintenance in healthcare delivery organizations. Contact: Mike Miskell

AAMI EQ-WG05, HTM Education Programs Working Group. The working group is seeking industry, regulatory and general interest members to participate in the development of AAMI EQ110/Ed.1, Healthcare technology management education programs. Contact: Mike Miskell

AAMI EV-WG13, Lens Removal and Vitrectomy Devices Working Group. The working group is seeking additional members from regulatory, user and general interest categories to participate in the identical adoption project for IEC 80501-2-58:2024, 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. Contact: Ladan Bulookbashi

AAMI HF, High Frequency Therapeutic Device Committee The working group is seeking regulatory, user and general interest members to participate in the adoption project for IEC 60601-2-2:2017/AMD1:2023, Amendment 1 - Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories. Contact: Ladan Bulookbashi
AAMI HIT-WG01, Health IT Risk Management Working Group. The working group is seeking user, general interest, and regulatory members to participate in the development of AAMI HIT1000-3/Ed.1, Safety and effectiveness of health IT software and systems—Part 3: Application of risk management. Contact: Amir Aboutaleb or Matt Williams

AAMI HIT-WG02, Health IT Quality Systems Working Group. The working group is seeking user, general interest, and regulatory members to participate in the development of AAMI HIT1000-2/Ed.1, Health IT software and systems—Part 2: Application of quality systems principles and practices. Contact: Amir Aboutaleb or Matt Williams

AAMI HIT-WG03, Health IT Usability Working Group. The working group is seeking user, general interest, and regulatory members to participate in the development of AAMI HIT1000-4/Ed.1, Safety and effectiveness of health IT software and systems—Part 4: Application of human factors engineering. Contact: Amir Aboutaleb or Matt Williams

AAMI IP, Implantable Infusion Pumps Committee The working group is seeking industry, regulatory, user and general interest members to participate in the adoption project for ISO 14708-04:2022 (Ed.2), Implants for surgery—Active implantable medical devices—Part 4: Implantable infusion pumps. Contact: Mike Miskell

AAMI MC, Mechanical Circulatory Support Systems Committee. The committee is seeking user and general interest/regulatory members to participate in the development of documents under ISO/TC150/SC2/WG2 including the revision of ISO 14708-5:2020, Implants for surgery — Active implantable medical devices — Part 5: Circulatory support devices. Contact: Jill Zajac

AAMI NS-WG02, Implantable neurostimulator Working Group The working group is seeking regulatory, user and general interest members to participate in the reaffirmation of ANSI/AAMI/ISO 14708-3:2017, Implants for surgery—Active implantable medical devices—Part 3: Implantable neurostimulators. Contact: Mike Miskell

AAMI NS-WG03, Transcutaneous electrical stimulator Working Group The working group is seeking industry, regulatory, user and general interest members to participate in the reaffirmation and future revision of AAMI NS4-2013 (R2017), Transcutaneous electrical nerve stimulators. Contact: Ladan Bulookbashi

AAMI PC-WG03, Pacemaker & ICD MRI Compatibility This working group is seeking user, regulatory, general interest members to participate in the project to develop the first amendment to ANSI/AAMI PC76:2021, Active implantable medical devices - Requirements and test protocols for safety of patients with pacemakers and ICDs exposed to magnetic resonance imaging. Contact: Mike Miskell

AAMI RB, Robotics Committee. This committee is seeking additional members from regulatory, user and general interest categories to participate in the identical adoption projects for IEC 80601-2-
AAMI Standards Monitor Online
10 May 2024


AAMI RD, Renal Disease and Detoxification Committee. The committee is seeking user, and general interest/regulator members to participate in the development of new TIRs including backflow prevention, wall boxes, and water distribution loops; a TIR on empty bed contact time calculation and carbon sizing, and input on the adoption of the ISO 23500-1 through -5:2024, Preparation and quality management of fluids for haemodialysis and related therapies series standards: Part 1: General requirements; Part 2: Water treatment equipment for haemodialysis applications and related therapies; Part 3, Water for haemodialysis and related therapies; Part 4: Concentrates for haemodialysis and related therapies; Part 5, Quality of dialysis fluids for haemodialysis and related therapies; and the revision of the ISO 8637, Extracorporeal systems for blood purification series standards: Part 1, Haemodialysers, haemodiafilters, haemofilters, and haemoconcentrators, Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters, and haemofilters; and Part 3, Plasmafilters. Contact: Jill Zajac

AAMI SM-WG03, Interoperability Working Group. The group is seeking general interest, regulatory, and users. The committee is developing a new American National Standard, AAMI SW114 - Remote control of medical devices: Lung Ventilators and Intravenous (IV) Infusion Pumps. Contact: Rose Kodzwa

AAMI SM-WG05, Medical Device Security Working Group. The group is seeking general interest, regulatory, and users to participate in the revisions of AAMI TIR57:2016/(R)2023, Principles for medical device security—Risk Management and a new consensus report (CR) with the title Security Risk Estimation for Medical Devices. Contact: Rose Kodzwa

AAMI SM-WG06, Wireless Working Group. The group is seeking general interest, regulatory, and users to participate in the reaffirmation of AAMI TIR69:2017/(R)2020 – Risk management of radio-frequency wireless coexistence for medical devices and systems. Contact: Rose Kodzwa

AAMI SM-WG08, Software Defect Classification Working Group. The group is seeking general interest, regulatory, and users to participate in the reaffirmation of ANSI/AAMI SW91:2018 – Classification of defects in health software. Contact: Rose Kodzwa

AAMI SM-WG10, Cloud Computing Working Group. The group is seeking user, general interest, and regulatory members to participate in the development of a new TIR, AAMI TIR115: Cloud – Guidance for the appropriate use of public cloud computing to enable medical device functions. Contact: Rose Kodzwa

AAMI SP, Sphygmomanometer Committee The committee is seeking regulatory, and general interest members to participate in the identical adoption project for ISO 81060-3:2022/Ed.1, Non-invasive
sphygmomanometers — Part 3: Clinical investigation of continuous automated measurement type.
Contact: Ladan Bulookbashi


AAMI ST-WG03, Industrial moist heat sterilization working group. The working group is seeking general interest, regulatory, and user members to participate in the adoption project for ISO 17665:202X (Ed.2), Sterilization of health care products—Moist heat—Requirements for the development, validation and routine control of a sterilization process for medical devices. Contact: Gigi Golriz.


AAMI ST-WG08 – Microbiological methods working group. The working group is seeking general interest, regulatory, and user members to participate in the development of AAMI TIR52/Ed.2, Environmental monitoring for terminally sterilized healthcare products and the reaffirmations of AAMI/ISO 11737-1, Sterilization of health care products — Microbiological methods — Part 1: Determination of a population of microorganisms on products and AAMI/ISO TIR22456:2022, Ed.1, Sterilization of health care products—Microbiological methods—Guidance on conducting bioburden determinations and tests of sterility for biologics and tissue-based products. Contact: Gigi Golriz.

AAMI ST-WG42 - Dry heat sterilization. The working group is seeking general interest, regulatory, and user members to contribute to participate in the reaffirmation of ANSI/AAMI ST40:2004/(R)2018, Ed. 2, Table-top dry heat (heated air) sterilization and sterility assurance in health care facilities. Contact: Gigi Golriz.

AAMI ST-WG43, Hospital steam sterilizer Working Group. The group is seeking user, general interest, and regulatory members to participate in the development of AAMI ST8/Ed.7, Hospital steam sterilizers. Contact: Gigi Golriz.

AAMI ST-WG45, Processing of tattoo machines and accessories in healthcare settings Working Group. The group is seeking industry, user, general interest, and regulatory members to participate in the development of AAMI TIR117/Ed.1, Guidance for processing tattoo machines and accessories in the healthcare setting. Contact: Tommy Kim
AAMI ST-WG86, Quality System for Device Processing Working Group. The group is seeking general interest and regulatory/government members to participate in the amendment of AAMI ST90, Processing of health care products—Quality management systems for processing in health care facilities. Contact: Tommy Kim

AAMI ST-WG94, Rigid sterilization container systems working group. The working group is seeking general interest, regulatory, and user members to participate in the revision of ANSI/AAMI ST77:2013/(R)2018, Ed.2, Containment devices for reusable medical device sterilization. Contact: Gigi Golriz.

AAMI TIB, Transfusion, Infusion, and Injection, and Blood Processing Equipment for Medical and Pharmaceutical Use Committee. The committee and its affiliated working groups are seeking user and general interest members to participate in developing the U.S. position towards documents under development in ISO/TC 76, Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use, and other projects. Contact: Sam Alameda

AAMI VP, Vascular Prostheses Committee. The committee is seeking user, industry, and general interest/regulator members to participate in the U.S. adoption of ISO 25539-2:2020, Cardiovascular implants—Endovascular devices—Part 2: Vascular stents; the revision of ISO 25539-3, Cardiovascular implants—Endovascular devices—Part 3: Vena cava filters; the revision of ISO 7198 Cardiovascular implants and extracorporeal systems—Vascular prostheses—Tubular vascular grafts and vascular patches Contact: Jill Zajac

UPCOMING MEETINGS

AAMI Committees and U.S. TAGs

Open meetings of AAMI committees and U.S. Technical Advisory Groups (TAGs) are listed here and at the AAMI website (www.aami.org). Note: If you plan to attend a meeting, please send a brief note to the AAMI Standards Department at (standards@aami.org) indicating the name and date of the meeting so that staff can contact you in the event of a last-minute cancellation.

May 2024

AAMI EV-WG05, Hospital Beds (open meeting) 14 May 2024, 09:00h to 13:00h EST, web meeting. The WG will meet to finalize U.S. position on Committee Drafts for Vote for IEC 80601-2-52 ED.1 and IEC 80601-2-89 ED.1. Contact: Ladan Bulookbashi

AAMI PC, Cardiac Rhythm Management Device Committee (open meeting) Boston, Massachusetts, USA. 16 May 2024, 09:00h to 15:00h EST, hybrid meeting. Contact: Mike Miskell
June 2024

AAMI TIB-WG04, Elastomeric parts, components and packaging working group (open meeting) 5 June 2024, 10:00h to 11:00h EST, web meeting. The WG will meet virtually the 1st Wednesday of every month, from 10:00h to 11:00h EST, to discuss CR514, Guidance for Closed System Transfer Device Testing with Hazardous Drugs (CSTD). Contact: Sam Alameda

AAMI EQ-WG01, HTM Program Management working group (open meeting). Phoenix, Arizona, USA. 12-13 June, 17:00h to 20:00h and 11:00 to 20:00h EDT, respectively, hybrid meeting. The WG will meet to resolve comments for AAMI/CDV-3 EQ56. Contact: Mike Miskell

AAMI EQ-WG04, Alternative Equipment Maintenance working group (open meeting). Phoenix, Arizona, USA. 13 June, 16:00 to 20:00h EDT, hybrid meeting. The WG will meet to resolve comments for AAMI/CDV-1 EQ103. Contact: Mike Miskell

AAMI EQ-WG05, HTM Educational Programs working group (open meeting). Phoenix, Arizona, USA. 13 June, 11:00 to 15:00h EDT, hybrid meeting. The WG will meet to resolve comments for AAMI/CDV-1 EQ110. Contact: Mike Miskell

AAMI EQ, Medical Equipment Management Committee (open meeting). Phoenix, Arizona, USA. 14 June, 13:00h to 15:00h 20:00h EDT hybrid meeting. The Committee will meet to review working group progress and steering for future AAMI EQ and EQ WGs projects. Contact: Mike Miskell

AAMI PC-WG03, Pacemaker & ICD MRI Compatibility working group (open meeting) 20 June 2024, 10:00h to 11:30h EST, web meeting. The WG meets monthly to discuss revisions to ANSI/AAMI PC76:2021. Contact: Mike Miskell

July 2024

AAMI TIB-WG04, Elastomeric parts, components and packaging working group (open meeting) 3 July 2024, 10:00h to 11:00h EST, web meeting. The WG will meet virtually the 1st Wednesday of every month, from 10:00h to 11:00h EST, to discuss CR514, Guidance for Closed System Transfer Device Testing with Hazardous Drugs (CSTD). Contact: Sam Alameda
INTERNATIONAL STANDARDS

Information on draft international standards under ballot can be found in ANSI Standards Action.

International Committee and Working Group Meetings

Call or email the indicated staff person at AAMI for more information about upcoming international standards meetings.

May 2024

ISO/TC 121, Anaesthetic and respiratory equipment, and affiliated SCs and (J)WGs (closed meetings). Luebeck, Germany, May 13 – 17, 09:00h to 17:00h daily local time. Contact: Colleen Elliott.

June 2024


ISO/TC 198, Sterilization of health care products, and affiliated WGs (closed meetings). Galway, Ireland, June 24-28, 09:00h to 17:30h daily local time. Contact: Amanda Benedict.

September 2024

ISO/TC 150, Implants for surgery and affiliated SC and WG meetings (closed meetings). Berlin, DE, September 9-13, 2024, 09:00h to 17:00h daily local time. Contact: Jill Zajac or Ladan Bulookbashi

October 2024

IEC/TC 62, Medical equipment, software, and systems, and affiliated SC and (J)WG meetings (closed meetings). London, UK, 14-18 and Edinburgh, Scotland, 21-25 October 2024, 09:00h to 17:00h daily local time. Contact: Colleen Elliott or Ladan Bulookbashi

November 2024