



DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY
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BUMEDINST 6470.25B
BUMED N10
15 Aug 2025

BUMED INSTRUCTION 6470.25B

From: Chief, Bureau of Medicine and Surgery

Subj: NAVY MEDICAL PHYSICS ADVISORY BOARD

Ref: (a) BUMEDINST 5420.12G
(b) DoD Instruction 6025.13
(c) 21 CFR Part 1020

1. Purpose. To establish policy and guidance for the appointments, functions, and responsibilities of the Navy Medical Physics Advisory Board (NMPAB). Medical physics is a subspecialty within radiation health and the radiation health specialty leader may or may not be a qualified medical physicist. This instruction establishes the NMPAB to assist the radiation health specialty leader in executing the responsibilities of reference (a) by evaluating issues related to the safe and optimum utilization of ionizing and non-ionizing, radiofrequency, and ultrasonic radiation for diagnostic and therapeutic medical and dental uses. This instruction is a complete revision and should be reviewed in its entirety.
2. Cancellation. BUMEDINST 6470.25A
3. Scope and Applicability. This instruction applies to all Budget Submitting Office 18 commands, units, personnel, and operational activities having medical personnel under the authority, direction, and control of the Surgeon General of the Navy, who also performs the duties of Chief, Bureau of Medicine and Surgery (BUMED).
4. Background. Determining personnel qualifications, training requirements, standardized procedures, forms, and test equipment necessary to perform diagnostic imaging equipment system performance and safety evaluations requires a focused approach. The establishment of the NMPAB provides Navy Medicine with a technically and clinically qualified board composed of Navy radiation health officers (RHOs), medical physicists, and health physicists. The board will enhance the growth and readiness of the radiation health community by evaluating emerging technology, developing training curricula, revising directives, and standardizing the practice of medical physics in the Navy. References (b) and (c), parts 1020.30 through 1020.33, require the implementation of specific medical physics practices. Reference (b) implements policy, assigns responsibilities, and provides procedures for managing Department of Defense medical quality assurance and clinical quality management. Reference (c), parts 1020.30 through 1020.33, provides Federal performance standards for ionizing radiation emitting products. The NMPAB's recommendations will facilitate implementation of the best clinical and business practices necessary to meet these requirements.

5. Policy. The NMPAB will advise the radiation health specialty leader on such subjects as diagnostic x-ray, simple and advanced fluoroscopy, cross sectional imaging (including computed tomography, magnetic resonance imaging, ultrasonic and digital tomosynthesis), equipment safety and evaluation, radiation testing equipment, training needs and sources, imaging modality accreditation, software recommendations, personnel qualifications, and compliance with, and revision of, directives as needed. The NMPAB will also provide advice and technical expertise in other related areas when requested.

6. Mission and Functions. The NMPAB will be responsible for providing technical and medical physics support. The NMPAB will:

a. Advise on revisions to Navy Diagnostic Imaging Equipment Performance Survey Technical Manual when necessary.

b. Monitor acceptance testing and quality assurance procedures performed for Navy Medicine diagnostic imaging equipment systems, including teleradiology systems and Digital Imaging Network-Picture Archiving and Communications Systems.

c. Establish training and experience criteria for personnel to achieve and maintain qualified diagnostic imaging equipment surveyor status.

d. Ensure qualified surveyors conduct diagnostic imaging equipment performance evaluations.

7. Membership

a. Voting Members

(1) Chair (BUMED specialty leader for radiation health or a senior RHO appointed by the specialty leader).

(2) BUMED specialty leader for radiation health (if not the Chair).

(3) BUMED assistant specialty leader for medical physics.

(4) Force RHO, Naval Medical Forces Atlantic.

(5) Force RHO, Naval Medical Forces Pacific (as appointed by Naval Medical Forces Pacific).

(6) Program Director, Navy Medical Physics Residency Program.

b. Guests. These may include, but are not limited to, RHOs, medical physicists, health physicists, recorder, or administrative coordinator (as invited by Chair, NMPAB).

8. Action. Chairman, NMPAB will convene the NMPAB at least quarterly to review community needs regarding technological innovations and policy development. Make meeting minutes available to the radiation health community. Represent the NMPAB at Defense Health Agency medical physics boards, committees, or working groups.

9. Records Management

a. Records created as a result of this instruction, regardless of format or media, must be maintained and dispositioned per the records disposition schedules located on the DON Assistant for Administration, Directives and Records Management Division portal page at <https://portal.secnave.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-Information-Management/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

b. For questions concerning the management of records related to this instruction or the records disposition schedules, please contact the local records manager or the OPNAV Records Management Program (DNS-16).

10. Review and Effective Date. Per OPNAVINST 5215.17A, Clinical Operations, Policy and Standards (BUMED-N10) will review this instruction annually near the anniversary of the issuance date to ensure applicability, currency, and consistency with Federal, Department of Defense, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in effect for 10 years, unless revised or cancelled in the interim, and will be reissued by the 10 year anniversary date if it is still required, unless it meets one of the exceptions in OPNAVINST 5215.17A, paragraph 9. Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the need for cancellation is known following OPNAV Manual 5215.1 of May 2016.



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Releasability and distribution:

This instruction is cleared for public release and is available electronically only via the Navy Medicine Web site, <https://www.med.navy.mil/Directives/>