



DEPARTMENT OF THE NAVY  
BUREAU OF MEDICINE AND SURGERY  
7700 ARLINGTON BOULEVARD  
FALLS CHURCH, VA 22042

IN REPLY REFER TO  
BUMEDINST 6750.6A  
BUMED-M3  
22 May 2014

BUMED INSTRUCTION 6750.6A

From: Chief, Bureau of Medicine and Surgery  
To: Ships and Stations Having Medical and Dental Department Personnel

Subj: CUSTOM MAGNIFICATION LOUPES FOR NAVY MEDICAL AND DENTAL  
CLINICAL PERSONNEL

Ref: (a) NAVMED P-5132, Equipment Management Manual of 3 Jan 2008  
(b) SECNAVINST 7320.10A

Encl: (1) Magnification Loupes Medical Corps Specialty Leader Recommendations  
(2) Magnification Loupes Dental Corps Specialty Leader Recommendations

1. Purpose. To establish guidance for the purchase, property control, and transfer of custom magnification loupes for Navy medical and dental clinical personnel, per references (a) and (b), and enclosures (1) and (2).

2. Cancellation. BUMEDINST 6750.6.

3. Scope. This instruction applies to all naval medical and dental facilities, ashore and afloat, with medical and dental department personnel. It applies to active duty Navy medical and dental officers and government civilian physicians and dentists who desire or require use of magnification devices (loupes) for the practice of medicine and dentistry within naval medical and dental facilities. Magnification loupes for active duty and government civilian dental hygienists, expanded function dental technicians, or other medical health care providers may be purchased at the discretion of individual commands. Contracting companies will address the magnification loupe needs of contract physicians, dentists, and dental hygienists.

4. Background. Medical officers in surgical specialty areas traditionally have been issued one pair of magnification loupes during residency training. Dental officers traditionally have been authorized one pair of custom dental loupes at command expense (unless previously supported through Health Professions Scholarship Program and maintained custody of this pair when transferring from command to command.

a. Rationale. Magnification loupes significantly increase quality of care by providing the practicing health care providers a more detailed view of the operative field during dental and various surgical procedures.

b. Types. There are two general styles of magnification loupes: Through the Lens or Flip-Up.

c. Magnification

(1) For medical providers, the recommended magnification level varies according to the medical subspecialty, per enclosure (1).

(2) For dental providers, the recommended magnification level varies according to the dental subspecialty, per enclosure (2).

d. Cost. Loupe costs vary according to style, magnification, prescription requirements, or lighting attachment add-ons.

e. Maintenance and Replacement. Medical and dental loupes require interim maintenance and generally require replacement every 7 years to keep pace with changing technology and prescription changes.

5. Action

a. Navy Medicine Region commanders shall ensure that individual commands are funded for initial purchase, repair, scheduled maintenance, and replacement of magnification loupes.

b. Commanders, commanding officers, and officers in charge of medical and dental facilities shall:

(1) Ensure medical officers and government civilian physicians in surgical specialty areas who previously have not been issued magnification loupes and desire a pair of magnification loupes are provided the opportunity to purchase loupes with local command funds.

(2) Ensure all dental officers and government civilian dentists who previously have not been issued magnification loupes and desire a pair of magnification loupes are provided the opportunity to purchase loupes with local command funds.

(3) Coordinate with command's equipment management department to provide for the regular maintenance, repair, and replacement of loupes.

(a) Bureau of Medicine and Surgery (BUMED) recommends participating in a program to regularly clean and refurbish loupes per manufacturer's recommendations to ensure loupes perform at their peak. Maintenance shall include adjustments of individual loupes due to changes in prescription or magnification needs of the provider, refurbishment, and/or realignments.

(b) Replacement of issued loupes due to breakage or theft. Commands are not required to replace loupes that have been lost, stolen, or damaged due to provider negligence or mishandling.

(4) Develop local guidance per reference (a) to record in the Defense Medical Logistics Standard Support System:

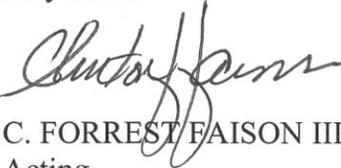
- (a) The issuance and replacement of magnification loupes.
- (b) When members, reporting from another command or from dental school, bring previously issued loupes.
- (c) When members transfer out to the next command with their loupes.
- (d) When members separate or retire from active service. As magnification loupes are provider-specific these custom items will be separated or retired with the member at no cost. If member has accompanied headlight, this item will be retained by the command.

c. Senior medical department officers afloat are strongly encouraged to coordinate with the ship's medical equipment management division to provide for:

(1) Regular maintenance and repair of loupes. BUMED recommends participating in a program to regularly clean and refurbish loupes per manufacturer's recommendations to ensure loupes perform at their peak. Maintenance shall include adjustments of individual loupes due to changes in prescription or magnification needs of the provider, refurbishment, and/or realignments.

(2) Replacement of loupes due to breakage or theft.

6. Records. Records created as a result of this instruction, regardless of media and format, shall be managed per SECNAV Manual 5210.1 of January 2012.

  
C. FORREST FAISON III  
Acting

Distribution is electronic only via the Navy Medicine Web site at:  
<http://www.med.navy.mil/directives/Pages/BUMEDInstructions.aspx>

**MAGNIFICATION LOUPES  
MEDICAL CORPS  
SPECIALTY LEADER RECOMMENDATIONS**

<b>SPECIALTY</b>	<b>RECOMMENDED MAGNIFICATION*</b>
Cardiothoracic Surgery	2.5/3.5x
Dermatology-Mohs Surgery	2.5x
Gastro-Intestinal Surgery	2.5x
General Surgery (includes Vascular)	2.5x
Hematology-Oncology	2.5x**
Neurosurgery	3.5x
Ophthalmology	2.5x/3.5x
Otolaryngology	2.5x**
Plastic-Reconstructive Surgery	2.5/3.5x

\* Specific magnification may vary by manufacturer.

\*\* Requests for higher magnification must be approved by the specialty leader.

**MAGNIFICATION LOUPES  
DENTAL CORPS  
SPECIALTY LEADER RECOMMENDATIONS**

<b>SPECIALTY</b>	<b>RECOMMENDED MAGNIFICATION*</b>
Comprehensive Dentistry	2.5x/3.0x/3.5x
Endodontics	2.5x/3.0x/3.5x
General Dentistry	2.5x
Operative Dentistry	2.5x/3.0x/3.5x
Oral and Maxillofacial Surgery	2.5x/3.0x/3.5x
Oral Medicine	2.5x
Pedodontics	2.5x
Periodontics	2.5x/3.0x/3.5x
Prosthodontics	2.5x/3.0x/3.5x

\* Specific magnification may vary by manufacturer.