



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

IN REPLY REFER TO
BUMEDINST 6600.24
BUMED-M3
9 Apr 2019

BUMED INSTRUCTION 6600.24

From: Chief, Bureau of Medicine and Surgery

Subj: PLAQUE CONTROL RECORD AND PERIODONTAL CHART

Ref: (a) NAVMED P-117

Encl: (1) Instructions for Completing NAVMED 6660/1
(2) Sample completed NAVMED 6660/2

1. Purpose. To issue guidance for the use of NAVMED 6660/1 Plaque Control Record and NAVMED 6660/2 Periodontal Chart.
2. Scope and Applicability. This instruction applies to all ships and stations having dental healthcare providers.
3. Background. Bacterial plaque in a susceptible host is the primary etiology of periodontal diseases. Control of bacterial plaque through mechanical and chemical means has been shown to reduce the overall inflammatory burden in the periodontal and peri-implant soft tissues and in most cases will slow or arrest the progression of periodontal attachment loss. NAVMED 6660/1 is used to measure and assist the progress of a patient undertaking a systematic approach to controlling bacterial plaque. The NAVMED 6660/2 tracks progress and effects of periodontal disease and results of treatment over time.
4. Policy. Enclosure (1) contains instructions for completing NAVMED 6660/1. Enclosure (2) is a sample completed NAVMED 6660/2 and contains the instructions for use directly on the form. NAVMED 6660/1 and NAVMED 6660/2 must be completed for patients undergoing periodontal therapy when the practitioner deems it appropriate to the education of the patient. Per reference (a), Manual of the Medical Department, chapter 6, this instruction ensures compliance with The Joint Commission standards and medical quality assurance in the Military Health System assuring quality dental care.
5. Action. Commanders, commanding officers, and officers in charge of Navy medical treatment facilities and dental treatment facilities must ensure all aspects of this instruction and its associated enclosures are implemented and utilized for all facilities performing periodontal treatment.

6. Records Management

a. Records created as a result of this instruction regardless of format or media, must be maintained and dispositioned for the standard subject identification codes (SSIC) 1000 through 13000 series per the records disposition schedules located on the Department of the Navy/Assistant for Administration (DON/AA), Directives and Records Management Division (DRMD) portal page at <https://portal.secnav.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 your local records manager or the DON/AA DRMD program office.

7. Review and Effective Date. Per OPNAVINST 5215.17A, Bureau of Medicine and Surgery (BUMED), Healthcare Operations (BUMED-M3) will review this instruction annually around the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, Department of Defense, Secretary of the Navy, 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 the guidance in OPNAV Manual 5215.1 of May 2016.

8. Forms. The following NAVMED forms are available at <https://www.med.navy.mil/directives/Pages/NAVMEDForms.aspx>

- a. NAVMED 6660/1 Plaque Control Record
- b. NAVMED 6660/2 Periodontal Chart


TERRY J. MOULTON
Acting

Releasability and distribution:

This instruction is cleared for public release and is available electronically only via the Navy Medicine Web site at, <http://www.med.navy.mil/directives/Pages/BUMEDInstructions.aspx>

INSTRUCTIONS FOR COMPLETING NAVMED 6660/1

1. NAVMED 6660/1 Plaque Control Record provides a simple, sequential index of plaque retention in the dentogingival areas of the mesial (M), distal (D), facial (F), and lingual (L) tooth surfaces.
2. At the initial appointment, indicate missing teeth with a vertical line through the appropriate circle(s). Next, a suitable disclosing solution is painted on all exposed tooth surfaces. After the patient has rinsed with water, the operator, using an explorer or the tip of a periodontal probe, examines each stained tooth surface for soft accumulations of plaque at the dentogingival junction. When found, they are recorded by making a mark in the appropriate space(s) on the NAVMED 6660/1. Soft accumulations on tooth surfaces not at the dentogingival junction are not recorded. No attempt should be made to differentiate between varying amounts of soft accumulation (i.e., each tooth surface is simply determined to be a "yes" or "no").
3. After all teeth are examined and scored, a plaque index (i.e., the percentage of plaque retention on the dentogingival tooth surfaces) can be derived by dividing the number of plaque containing surfaces by the total number of available surfaces (i.e., the number of teeth multiplied by four). Multiply this quotient by 100 to obtain the plaque index.
4. The same procedure is carried out at subsequent appointments, marking the previous index, present index, and date as required, to determine the patient's progress in learning and carrying out the prescribed oral hygiene procedures.

PERIODONTAL CHART

Personal data—Privacy Act of 1974

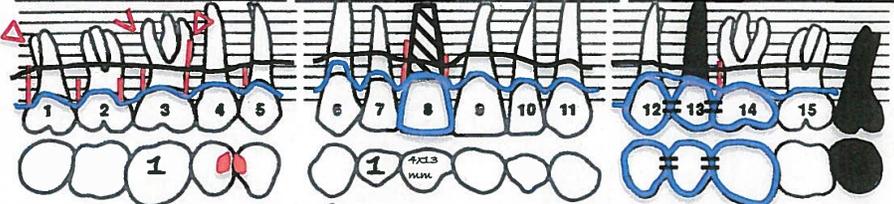
| | | | |
|----------------------------|---|---|---|
| Bleeding/purulence (+) | $\begin{matrix} + & + & + & + & + & + \\ \hline \end{matrix}$ | $\begin{matrix} + & + & + & + & + & + \\ \hline \end{matrix}$ | $\begin{matrix} + & + & + & + & + & + \\ \hline \end{matrix}$ |
| Attachment level CEJ to BP | $\begin{matrix} 5^2_2 & 3^3_4 & 5^3_8 & 3^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 2^4_3 & 3^3_3 & & 3^2_3 & 2^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 2^2_4 & & 5^3_3 & 3^2_3 & & \\ \hline \end{matrix}$ |
| Pocket depths FGM to BP | $\begin{matrix} 7^2_3 & 4^3_5 & 5^3_9 & 3^2_3 & 4^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_3 & 3^2_3 & 6^3_4 & 3^2_3 & 2^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_3 & & 5^3_3 & 3^2_3 & & \\ \hline \end{matrix}$ |

Mark full, 3/4 crowns, and pontics in blue

Furcation Invasion
 Grade 1 ^
 Grade 2 Δ
 Grade 3 ▲

Record on Occlusal Outlines
 Mobility (1,2,3)
 Poor Contact ≥
 Open Contact ||
 Food Impaction ↓

Caries and faulty restorations outlined in red



| | | | |
|----------------------------|---|---|---|
| Pocket depths FGM to BP | $\begin{matrix} 5^2_3 & 5^3_3 & 3^3_4 & 3^2_3 & 4^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_2 & 2^2_3 & 2^1_3 & 2^2_3 & 2^2_3 & 2^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_3 & & 4^2_2 & 3^2_3 & & \\ \hline \end{matrix}$ |
| Attachment level CEJ to BP | $\begin{matrix} 5^2_2 & 4^3_3 & 3^3_4 & 3^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 2^2_3 & 3^2_3 & & 3^2_3 & 2^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_2 & & 3^2_2 & 3^2_3 & & \\ \hline \end{matrix}$ |
| Bleeding/purulence (+) | $\begin{matrix} + & + & + & + & + \\ \hline \end{matrix}$ | $\begin{matrix} + & + & + & + & + \\ \hline \end{matrix}$ | $\begin{matrix} + & + & + & + & + \\ \hline \end{matrix}$ |

KEY
 Horiz. Lines = 2mm
 FGM = free gingival margin
 BP = base of pocket

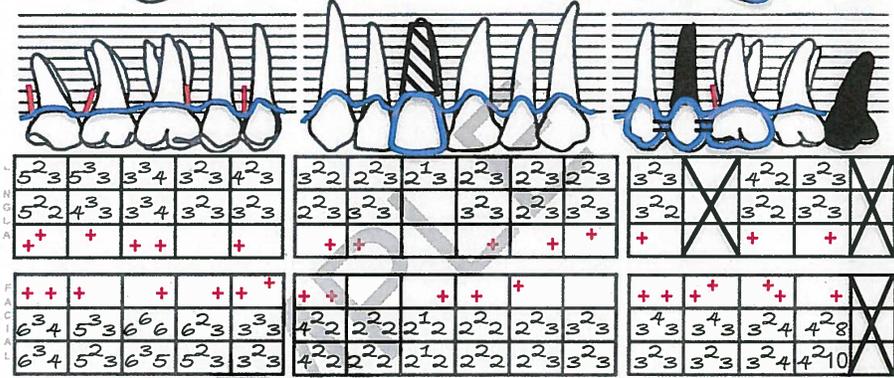
Draw FGM with continuous blue line relative to CEJ

Mark pocket area in red on root surface

Draw mucogingival junction as black continuous line

Block out missing teeth and/or roots

Dental Implants: superimpose outline of implant over roots and, if known, indicate diameter and length on occlusal outline



| | | | |
|----------------------------|---|---|---|
| Pocket depths FGM to BP | $\begin{matrix} 8^6_5 & 5^4_3 & 7^6_5 & 5^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_2 & 2^2_2 & 2^1_2 & 2^2_2 & 2^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_3 & 3^2_3 & 3^3_4 & 4^5_5 & & \\ \hline \end{matrix}$ |
| Attachment level CEJ to BP | $\begin{matrix} 5^4_5 & 5^4_3 & 7^6_6 & 6^2_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_2 & 2^3_2 & 2^5_2 & 2^3_2 & 2^3_3 & 3^2_3 \\ \hline \end{matrix}$ | $\begin{matrix} 3^2_3 & 3^2_3 & 3^3_3 & 4^3_4 & & \\ \hline \end{matrix}$ |
| Bleeding/purulence (+) | $\begin{matrix} + & + & + & + & + \\ \hline \end{matrix}$ | $\begin{matrix} + & + & + & + & + \\ \hline \end{matrix}$ | $\begin{matrix} + & + & + & + & + \\ \hline \end{matrix}$ |

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|---|-------------------|---------------------------------|-----------------------------|
| PLACE OF EXAMINATION BHC NAVSTA NORFOLK | | EXAMINER Dr. Gummy | DATE 23 AUG 18 |
| PATIENT IDENTIFICATION | | | |
| SEX M | GRADE/RATE PO3 | ORGANIZATION/UNIT USS BOWERS | COMPONENT OR BRANCH USN |
| PHONE: (W) (H) | | | |
| PATIENT'S NAME: LAST, FIRST MI Jones, Davy | | DATE OF BIRTH 2/23/93 | DoD ID NUMBER 1234567890 |

NAVMED 6660/2 (10-2017)