

UNIDENTIFIED PERSON DENTAL INFORMATION

Investigating Agency

Agency Case Number

Street Address

City, State and Zip

Telephone Number

FAX Number

Email Address

Medical Examiner/Coroner

Medical Examiner/Coroner Case Number

Street Address

City, State, and ZIP

Telephone Number

FAX Number

Email Address

Dental Data Checklist

- Full Mouth Series of Radiographs Taken (See Page 3)
- Panoramic Radiograph Taken (See Page 3)
- Photographs of Oral Structures Taken (See Page 3)
- Charting of Existing Dental Conditions (See Page 6)
- NCIC Dental Coding Sheet Completed (See Page 7)

Investigating Agency Case #

Medical Examiner/Coroner Case #

Dear Doctor:

Your assistance with the enclosed dental report is requested in order to collect information that will enable the identification of found human remains. The information contained in this packet is designed to gather information and provide documentation that may be crucial to the identification of the individual.

Since radiographs are the most widely used comparison medium for the dental identification of unidentified human remains, your experience and expertise in taking and reviewing radiographs plays an important role in the gathering of identification evidence. Guidelines for the specific radiographs that need to be taken are found on page 3 of this packet. Photographs, either conventional or digital, can also be helpful in the identification process as explained on page 3 of this packet.

Because radiographs are two dimensional, it is also important that a thorough visual examination be accomplished to record the specific condition of the dentition. A worksheet for your notes in regard to each tooth is also contained in this packet on page 6. Using this worksheet can enable you to combine the information obtained from the visual examination with the information observed in the radiographs to provide an accurate dental profile of those teeth that have been recovered.

Once the worksheet is completed, these notes can be easily converted to the NCIC Unidentified Person Dental Coding Report found on page 7.

This packet was designed to facilitate the collection of dental data to be entered into the National Crime Information Center (NCIC). This dental data will serve as a "pointer system" for matching dental characteristics of individuals with records stored in the NCIC Unidentified Person, Wanted Person, and Missing Person Files in order to generate a list of possible candidates. Completion of the NCIC Dental Coding Form may take only a few minutes if the appropriate information has already been gathered from the remains.

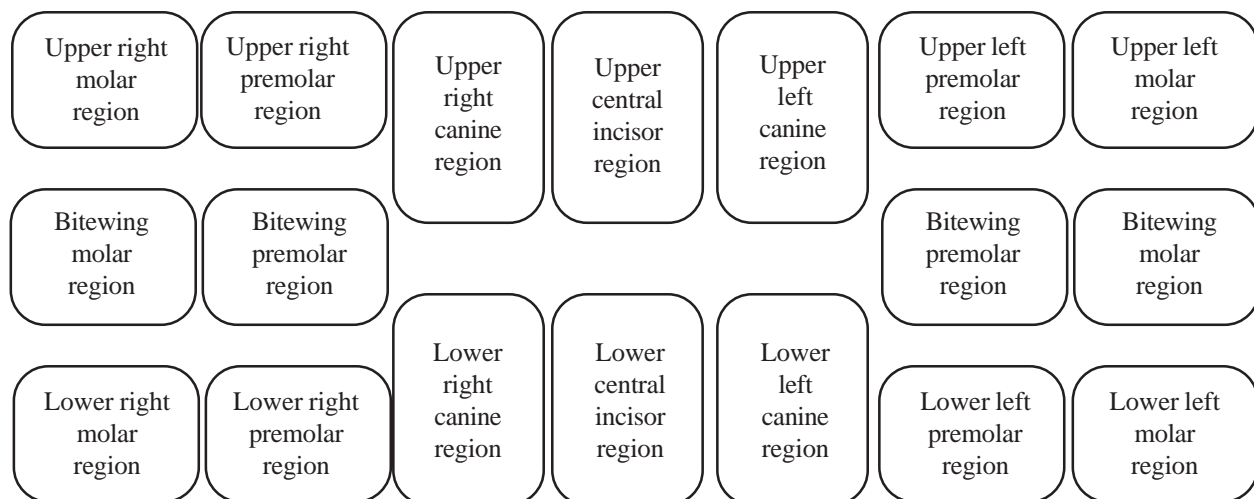
Thank you for your careful completion of this report. Please be sure to retain all dental records for future comparison purposes. The original (or diagnostic copies) of radiographs, photographs and documentation should be distributed to the investigating agency and the Medical Examiner/Coroner of jurisdiction.

If you have any questions regarding the reporting of a condition or the collection of data, please contact the **FBI Investigative and Operational Assistance Unit at 304/625-3000**.

Dental Radiograph Guidelines for Unidentified Remains

1. All periapical radiographs should show the complete crown and root tips with surrounding tissue. Avoid elongation and foreshortening as much as possible.
2. Radiographs should be taken of region even if teeth are missing.
3. Use DF-57 Kodak Size 2 Ultraspeed film or comparable double film packs. Ensure that chemicals are fresh when developing films. Digital radiographs are also acceptable.
4. Use bisecting angle or parallel technique.
5. Obtain panoramic radiographs whenever possible. (Usually only possible in skeletal remains.)
6. Submit one set of original radiographs and completed charting to the Medical Examiner or Coroner of jurisdiction.

Guide to Full Mouth Radiographic Series



Recommended Dental Photographs

Photographs are occasionally used in the identification process. This can be done by comparing the alignment and shape of the visible teeth in an antemortem photograph to those same characteristics present in the recovered human remains. Photographic superimposition of the head over photographs of suspected identification candidates can also be useful. Multiple photographs, either conventional or digital are recommended. At a minimum, the following photographic views should be taken:

View of Anterior Teeth (canine to canine) showing incisal edges and alignment.

Frontal View of Head

Right and Left Lateral View of Head

General Procedures for Coding the Report

Section 1:

- The Case # and NCIC # fields should be completed by the investigating agency.
- The Medical Examiner/Coroner Case #, Completed by, Date Completed, Email Address, Address, Telephone #, X-Rays Available, Dental Models Available, and Dental Photographs Available fields should be completed by the individual filling out the report.

Section 2:

- **IF NO DENTITION HAS BEEN RECOVERED GO DIRECTLY TO SECTION 4 AND CHECK THE UNK FIELD. IF THERE IS NO DENTAL INFORMATION AVAILABLE DO NOT ENTER ANY CODES IN THE TOOTH FIELDS IN SECTION 2.**
- Tooth numbers are based on the Universal System. The corresponding Federation Dentaire Internationale System (FDI) numbering is depicted in parenthesis.
- Use all available dental evidence collected from the recovered human remains to code the most accurate dental profile.
- Enter the appropriate code(s) next to the corresponding tooth number, 01 thru 32, on the dental report.
- Each tooth must have one or more codes entered except when ALL or UNK is used (see Section 4).
- Review Dental Codes and Descriptions on Page 5 of this packet prior to completing the Dental Characteristics Section of the NCIC Unidentified Person Dental Report.

Section 3:

- Dental Codes. A more detailed explanation of these codes and their use is described on Page 5 of this packet.

Section 4:

- To be used for coding ALL or UNK.
 - If the ALL field is marked, NCIC will automatically code all teeth as “V”.
 - If the UNK field is marked, NCIC will automatically code all teeth as “/”. A dental comparison will not be performed by NCIC when this box is marked.
- To be used for additional dental characteristics not captured in the dental codes listed in Section 3. For example: dental implants, removable dentures, orthodontic appliances, etc. Specific tooth numbers are not always necessary and key descriptive words are preferred.

Dental Codes and Descriptions

Primary Dental Codes - *One or more codes must be entered for each tooth.*

<u>Code</u>	<u>Description</u>
/	Default code for Unidentified Persons. Typically used when the tooth is not recovered. Also used when a portion of the tooth is remaining and it is impossible to determine if the clinical crown has been restored. *** Please note this code is used differently when coding dental characteristics for Missing Persons.***
V	Virgin. Tooth is present and unrestored. This includes unerupted teeth such as wisdom or deciduous teeth. *** Please note this code is used differently when coding dental characteristics for Missing Persons.***
X	Missing. Tooth has been extracted or is congenitally missing.
M	Mesial surface of the tooth has been restored.
O	Occlusal or Incisal surface of the tooth has been restored. <u>(Do not use "I")</u>
D	Distal surface of the tooth has been restored.
F	Facial or Buccal surface of the tooth has been restored. <u>(Do not use "B")</u>
L	Lingual surface of the tooth has been restored.

Secondary Dental Codes - *May not be used independently. Must be used in conjunction with Primary codes.*

<u>Code</u>	<u>Description</u>
C	Any laboratory processed restoration including crowns, inlays, onlays, and veneers. Also includes prefabricated restorations such as stainless steel crowns, metal and acrylic temporary crowns, and porcelain processed veneers.
R	Root canal. Evidence is available to establish that an endodontic procedure has been started or completed.

Thank you for your careful completion of this report. Please be sure to retain all dental records for future comparison purposes.

If you have any questions regarding the reporting of a condition, please contact the **FBI Investigative and Operational Assistance Unit at 304/625-3000.**

Dental Condition Worksheet

This chart should be filled out by a dentist following the complete visual examination of the dentition and review of the dental radiographs taken of the unidentified remains. The numbering of the teeth follows the format of the Universal numbering system with tooth #1 being the upper right third molar, tooth #16 being the upper left third molar, tooth #17 being the lower left third molar and tooth #32 being the lower right third molar. The description of the restorations present should include the surfaces involved (M, O, D, F, L), the restorative material used (amalgam, gold, porcelain, composite, temporary cement, etc.) and any other conditions that may be observed (endodontic treatment, pin retention, orthodontic brackets or bands, etc.). Do not leave any tooth numbers blank. If the tooth has no restorations note it as "virgin" or "present, no restoration". Other significant dental information can be noted at the bottom of this chart or on an attached sheet of paper.

1 _____	32 _____
2 _____	31 _____
3 _____	30 _____
4 _____	29 _____
5 _____	28 _____
6 _____	27 _____
7 _____	26 _____
8 _____	25 _____
9 _____	24 _____
10 _____	23 _____
11 _____	22 _____
12 _____	21 _____
13 _____	20 _____
14 _____	19 _____
15 _____	18 _____
16 _____	17 _____

Additional Dental Information:

NCIC UNIDENTIFIED PERSON DENTAL REPORT

SECTION 1

ME/Coroner # _____ OCA# _____ NCIC# _____

Completed By _____ Date _____ Email _____

Address _____ Telephone # _____

Dental Records Available for Analysis (Circle all that are available)

X-rays

Models

Photographs

SECTION 2

DENTAL CHARACTERISTICS

<p><u>Upper Right</u></p> <p>01 (18) _____</p> <p>02 (17) _____</p> <p>03 (16) _____</p> <p>04 (15) _____</p> <p>05 (14) _____</p> <p>06 (13) _____</p> <p>07 (12) _____</p> <p>08 (11) _____</p> <p style="text-align: center;"><u>Upper Left</u></p> <p>09 (21) _____</p> <p>10 (22) _____</p> <p>11 (23) _____</p> <p>12 (24) _____</p> <p>13 (25) _____</p> <p>14 (26) _____</p> <p>15 (27) _____</p> <p>16 (28) _____</p>	<p>Numbers in parenthesis represent FDI numbering system.</p>	<p><u>Lower Right</u></p> <p>32 (48) _____</p> <p>31 (47) _____</p> <p>30 (46) _____</p> <p>29 (45) _____</p> <p>28 (44) _____</p> <p>27 (43) _____</p> <p>26 (42) _____</p> <p>25 (41) _____</p> <p style="text-align: center;"><u>Lower Left</u></p> <p>24 (31) _____</p> <p>23 (32) _____</p> <p>22 (33) _____</p> <p>21 (34) _____</p> <p>20 (35) _____</p> <p>19 (36) _____</p> <p>18 (37) _____</p> <p>17 (38) _____</p>
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SECTION 3

DENTAL CODES

X = Tooth Has Been Removed or Did Not Develop
V = Tooth is Present and Unrestored
M = Mesial Surface Restored
O = Occlusal/Incisal Surface Restored
D = Distal Surface Restored

F = Facial Surface Restored
L = Lingual Surface Restored
C = Lab Processed or Prefabricated Restoration
R = Endodontic Treatment
/ = Postmortem Missing or Not Recovered (Default Code)

(* The Codes "V" and "/" are used differently for the Missing/Wanted Person Dental Report)

SECTION 4

DENTAL REMARKS

ALL 32 teeth are present and unrestored

UNK No dental information available

Additional Dental Remarks: _____

