



American National Standard/
American Dental Association
Standard No. 1084

Reference Core Data Set for Communication Among Dental and Other Health Information Systems

ADA American
Dental
Association®

Standards Committee on Dental Informatics

2019

**AMERICAN DENTAL ASSOCIATION STANDARD NO. 1084 FOR
REFERENCE CORE DATA SET FOR COMMUNICATION AMONG DENTAL
AND OTHER HEALTH INFORMATION SYSTEMS**

The ADA Standards Committee on Dental Informatics (SCDI) has approved ANSI/ADA Standard No. 1084 for Reference Core Data Set for Communication among Dental and Other Health Information Systems. Working Groups of the ADA Standards Committee on Dental Informatics (SCDI) formulate this and other standards and technical reports for the application of information technology and other electronic technologies to dentistry's clinical and administrative operations. The ADA SCDI has representation from appropriate interests in the United States in the standardization of information technology and other electronic technologies used in dental practice. The standard was forwarded to the American National Standards Institute with a recommendation that the standard be approved as an American National Standard. Approval of ADA Standard No. 1084 as an American National Standard was granted by the American National Standards Institute on May 21, 2019.

The ADA SCDI thanks the members of the task group and the organizations with which they were affiliated at the time the specification was developed:

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AMERICAN DENTAL ASSOCIATION STANDARD NO. 1084 REFERENCE CORE DATA SET FOR COMMUNICATION AMONG DENTAL AND OTHER HEALTH INFORMATION SYSTEMS

FOREWORD

(This Foreword does not form a part of the American Dental Association Standard No. 1084 for Reference Core Data Set for Communication among Dental and other Health Information Systems.)

In 1992, there was interest in the standardization of clinical information systems related to electronic technology in the dental environment. After evaluating current informatics activities, a Task Group of the ANSI Accredited Standards Committee MD156 (ASC MD156) was created by the ADA to initiate the development of standards, guidelines, and standards on electronic technologies used in dental practice. In 1999, the ADA established the ADA Standards Committee on Dental Informatics (SCDI). The ADA SCDI is currently the group that reviews and approves proposed American National Standards (ANSI approved) and standards developed by the standards committee's working groups. The ADA became an ANSI accredited standards organization in 2000.

The scope of the ADA SCDI is:

“To promote patient care and oral health through the application of information technology to dentistry’s clinical and administrative operations; to develop standards, specifications, standards, and guidelines for: components of a computerized dental clinical workstation; electronic technologies used in dental practice; and interoperability standards for different software and hardware products which provide a seamless information exchange throughout all facets of healthcare.”

This standard was prepared at the request of the late Dr. Mark Diehl, chairman, ADA SCDI Subcommittee on Clinical Informatics, by SCDI Working Group 11.9 on Core Reference Data. The SCDI Working Group 11.9 original chairman was Dr. Amit Acharya and Dr. Terry O’Toole as vice chair. Dr. O’Toole assumed the role of chairman in February 2017 with Dr. Ray Jeter as vice chair.

AMERICAN DENTAL ASSOCIATION STANDARD NO. 1084 FOR REFERENCE CORE DATA SET FOR COMMUNICATION AMONG DENTAL AND OTHER HEALTH INFORMATION SYSTEMS

1.0 Rationale

The Reference Core Data Set (RCDS) provides for the structured electronic data elements to support key information exchange among and between dental and other health care settings. This includes the electronic sharing of essential patients' demographic and dental encounter/clinical data in a structured, computable format between dental or other health care venues.

2.0 Scope

The standard provides a technical specification to extract, format and transmit essential patients' demographic and dental and medical encounter and clinical data between one dental information system to another dental or medical health information system to support key syntactic and semantic information exchange.

The standard provides a list of pertinent data fields from the dental record about the patients (RDCS) that the health information system vendors can reference to internally map and extract information from their proprietary dental information system's data schema. Using the Health Level 7 (HL7) Consolidated-Clinical Document Architecture (C-CDA) standard the vendor can then generate a machine-interpretable (Extensible Markup Language (XML) describing content) as well as human-readable (Hyper Text Markup Language (HTML) describing the presentation) Oral Health Continuity of Care Document (OH-CCD) to achieve electronic information exchange between clinical information systems. The transmission of the OH-CCD between clinical information systems can be achieved using existing healthcare transport standards including FHIR, Direct, IHE and HL7 (<https://www.himss.org/library/interoperability-standards/transport-standards> & IHE Secure Exchange of Dental Information: http://www.ihe.net/uploadedfiles/documents/dental/ihe_dent_suppl_sedi.pdf)

3.0 Normative References

The following standards contain provisions, which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. Since all standards are subject to revision, parties to agreements based on this specification are encouraged to investigate the possibility of applying the most recent edition of the specification or standard listed.

- HL7 C-CDA (HL7 Implementation Guide for CDA® Release 2: IHE Health Story Consolidation, Release 1.1 - US Realm) :
http://www.hl7.org/implement/standards/product_brief.cfm?product_id=258
- HL7-Messaging standards HL7 V2.x:
http://www.hl7.org/implement/standards/product_brief.cfm?product_id=146
- Center for Disease Control and Prevention (CDC), NUCC Provider Codes- Code System Details
<https://phinvads.cdc.gov/vads/ViewCodeSystem.action?id=2.16.840.1.113883.6.101>
- SNOMED International, SNOMED CT, <http://www.snomed.org/>

- World Health Organization, ICD 10, <http://apps.who.int/classifications/icd10/browse/2016/en>
- Regenstrief Institute, LOINC, <http://loinc.org/>

4.0 Background

Patient information is the most critical resource in the healthcare field. To achieve the maximum benefit, improve the overall health of our patients and improve patient/provider safety, the information in the patient's healthcare records should be available to the dentists, specialists and other healthcare personnel and organizations at the point of care delivery in an accessible, standardized and structured format.

4.1 Principal Models in Developing Clinical Information Systems

An important feature of any health information system is its ability to not only capture the patient information accurately and completely in a structured manner, but also to support the key information exchange among the patient's healthcare team, syntactically and semantically. To achieve interoperability there needs to be three types of principal models for the design and development of clinical information systems (*See Figure 1*) [1, 2]:

a. Information/Data models represent the structure and relationship of the information to be stored in any system. Examples of such models are Health Level 7 Reference Information Model [3], American National Standards Institute/American Dental Association Specification No. 1000: Standard Clinical Data Architecture for the Structure and Content of an Electronic Health Record [4];

b. Terminology/Ontology models represents the meaning of the information that is stored within any systems. Example of such models are Systematized Nomenclature of Dentistry (SNODENT) [5, 6] and Systematized Nomenclature of Medicine – Clinical Terms (SNOMED-CT) [7]; and

c. Inference/Problem solving models serves in decision support and represents the consequence and actions which follow from what is stored within the system. Examples of such models are Medical Logical Modules (MLMs) [8], and Prodigy [9].

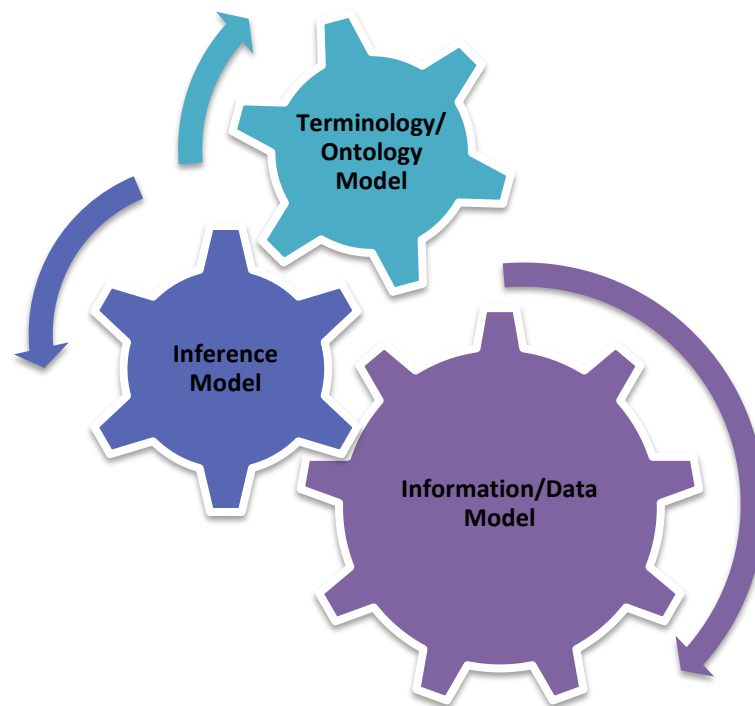


Figure 1: Three different types of principal models to achieve interoperability in clinical information systems

4.2 Health Information Exchange Standards

4.2.1 ASTM E2369 Standard Specification for Continuity of Care Record

In 2004, the American Society for Testing and Materials (ASTM) successfully balloted a landmark standard, the ASTM E2369 Standard Specification for Continuity of Care Record (CCR) [10]. The CCR is a XML-based standard established for clinical data exchange specifically needed for multiple practitioners to best deliver quality care in the case at hand. The CCR is a core data set of the most relevant administrative, demographic, and clinical information facts about a patient's healthcare, covering one or more healthcare encounters. It provided a means for one healthcare practitioner, system, or setting to aggregate all of the pertinent data about a patient and forward it to another practitioner, system, or setting to support the continuity of care.

4.2.2 Health Level 7 Clinical Document Architecture

Prior to 2007, the electronic data exchange of clinical data could be achieved by formatting the patient information from the health records either in the ASTM CCR format or the HL7 Clinical Document Architecture (CDA) [11]. The CDA is also a XML-based standard used for clinical document exchange developed by HL7. The main difference CCR and CDA is that the CCR uses only specified XML code *and does not support narrative text (free-text)*, and it is not electronically acceptable by all clinical information systems. Based on the purpose of the document, there are different CDA *document templates* that define

the clinical information. Each type of CDA *document template* includes a Document Header and a Document Body. The top of the document consists of the *header template* that includes the metadata such as author of the document, encounter time and location and patient demographics. Also referenced in the header are many *data type templates* which defines common set of constraints e.g. US Realm and Time which include a set of common constraints for recording time. The clinical information and any additional constrains on the Document Header is included within the Document Body. The Document Body consists of *section templates* that contain similar clinical concepts (e.g. Allergies, Medication, Problem List templates) which are represented as individual clinical statement using coded data elements using *entry templates* (e.g. ‘Allergy to Penicillin’ coded in xml under the Allergies *section template*). The *section* and *entry templates* are used to structure the key clinical information within the CDA document and are reusable across the different CDA *documents templates*. *Figure 2* illustrates the structure of the CDA document template and different template types within.

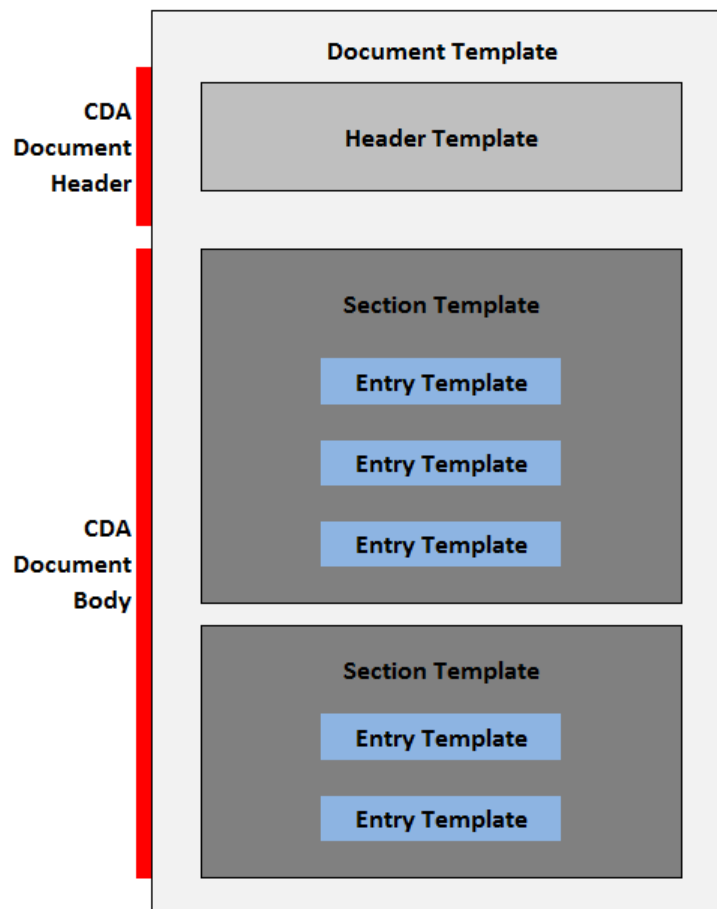


Figure 2: Structure of the CDA Document Template - Header, Section and Entry Template

4.2.3 Health Level 7 and ASTM International Continuity of Care Document

In 2007, a collaborative effort geared towards harmonizing the two separate yet closely related interoperability standards (CCR and CDA) was undertaken by ASTM International and HL7. This joint consolidation effort resulted in the development of the Continuity of Care Document (CCD) standard that was endorsed by the Healthcare Information Technology Standards Panel (HITSP) as the harmonized format for the exchanging of key clinical information including patient demographics [12]. The CCD resulted from the representation and mapping of CCR data within the CDA elements. In June 2008, CCD was endorsed by the Certification Commission for Health Information Technology (CCHIT) as part of their EHR certification requirements.

4.2.4 Health Level 7 Consolidated - Clinical Document Architecture

In 2011, HL7 balloted and approved a Consolidated-Clinical Document Architecture (C-CDA) implementation guideline [13] which reflected a harmonization effort to consolidate multiple approaches for documenting the CDA template by the different Standard Development Organizations (SDO) like HITSP, HL7, Integrating the Healthcare Enterprise (IHE) and others. The C-CDA implementation guide defines nine different types of commonly used CDA Documents Templates which includes the CCD, 60 Section Templates and 82 Entry Templates. The Documents Template defines the CDA document type (e.g. CCD), the Section Template defines structure of the data within the specific section (e.g. Vital Signs) and Entry Template defines structure of the specific healthcare facts or observations within the section (e.g. Systolic Blood Pressure of 120 mm of Hg). *Table 1* represents the nine different types of CDA Document along with the 17 sections within the CCD.

Table 1: CDA Document Types and CCD Sections

Consolidated CDA implementation guide defines nine different types of CDA Documents	CCD Document Template with its 17 Section Templates
<ol style="list-style-type: none"> 1. Continuity of Care Document (CCD) → 2. Consultation Notes 3. Discharge Summary 4. Imaging Integration, and DICOM Diagnostic Imaging Standards 5. History and Physical 6. Operative Note 7. Progress Note 8. Procedure Note 9. Unstructured Documents 	<ol style="list-style-type: none"> 1.0 Header 2.0 Purpose 3.0 Problems 4.0 Procedures 5.0 Family history 6.0 Social history 7.0 Payers 8.0 Advance directives 9.0 Alerts 10.0 Medications 11.0 Immunizations 12.0 Medical equipment 13.0 Vital signs 14.0 Functional status 15.0 Results 16.0 Encounters 17.0 Plan of care

4.2.5 ANSI/ADA Specification No. 1040: Dental Extension to the ASTM CCR

In 2008, a Dental Extension to the ASTM Continuity of Care Record was approved by the ADA Standards Committee on Dental Informatics (SCDI) as the ANSI/ADA Specification No. 1040 (withdrawn 2018). The Dental Extension to the CCR architecture was similar to the sections of the ASTM CCR so as to enable the exchange of data between health care entities that include other than dental providers. Since the development of this standard, there has been no effort from any SDO to focus on the development of a Dental Extension to the HL7 CCD standard. ANSI/ADA Standard No. 1040 was an initial effort towards that direction.

ANSI/ADA Standard No. 1084 provides information regarding one such type of clinical information system principal model described above under Section 5.1 – ‘a data model’ which we refer to as the Reference Core Data Model (RCDM) in the standard. The RCDM can be mapped to represent the content, structure and relationship of the key dental information stored in any dental information system and subsequently the extracted patient information from these data elements can be structured using the HL7 CCD format to support information exchange.

5.0 Oral Health Continuity of Care Document

There are two important features that the CCD offers since it is based on the HL7 CDA architecture which makes it very useful for achieving key information exchange among healthcare providers:

- a. CCD is both machine-interpretable as well as human-readable: the patient information within the CCD is encoded using the XLM to represent the content of the document; while the clinicians can still view the patient information using any HTML supported web browser and
- b. CCD supports information exchange of both structured as well as unstructured information (free text, images etc.). The *Oral Health* Continuity of Care Document (OH-CCD) represents the essential patients’ demographic and dental encounter/clinical data identified in the RCDS in a CCD format to support syntactic and semantic information exchange between one dental information system to another dental or medical information system.

5.1 OH-CCD Header

5.1.1 Patient Demographics

Data Field	Sample Data Value	Code System (if applicable)
Name	Mr. John Doe	
Patient ID	5432113579	
Social Security Number	123-45-6789	
Address	1234 North Oak Ave, Marshfield, WI 54449	
Telephone	715-221-1111	
Sex	Male	AdministrativeGender (2.16.840.1.113883.5.1)
Date of Birth	04-17-1965	

Marital Status	Married	MaritalStatus (2.16.840.1.113883.5.2)
Race	White	OMB Standards for Race and Ethnicity (2.16.840.1.113883.6.238)
Ethnicity	Non-Hispanic or Non-Latino	OMB Standards for Race and Ethnicity (2.16.840.1.113883.6.238)
Language	English	LanguageCode (2.16.840.1.113883.1.11.11526)

5.1.2 Document Author

Data Field	Sample Data Value	Code System (if applicable)
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Author Name	Jane Doe, DMD	
Author Address	456 South Oak Ave, Marshfield, WI 54449	
Author Telephone	715-221-1100 ext. 001	

5.1.3 Data Entered By

Data Field	Sample Data Value	Code System (if applicable)
Organizational ID	1.2.3.4.5	
Provider Type Code	124Q00000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dental Hygienist	
Data Enterer Name	Mary Doe, RDH	
Data Enterer Address	456 South Oak Ave, Marshfield, WI 54449	
Data Enterer Telephone	715-221-1100 ext. 002	

5.1.4 Custodian

Data Field	Sample Data Value	Code System (if applicable)
Organizational ID	1.2.3.4.5	
Organization Name	Jane Doe Dental Center	
Organization Address	456 South Oak Ave, Marshfield, WI 54449	
Organization Telephone	715-221-1100	

5.1.5 Information Recipient

Data Field	Sample Data Value	Code System (if applicable)
Provider ID	1.2.3.4.5	NPI (2.16.840.1.113883.4.6)
Facility Type Code	364SF0001X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Facility Type	Family Health	
Information Recipient Name	Brent Zachary, MD	

Organization Name	Madison Family Health Center	
Organization Address	1256, Main Street, Madison, WI 53558	
Organization Telephone	715-456-8899	

5.1.6 Legal Authenticator

Data Field	Sample Data Value	Code System (if applicable)
Organizational ID	1.2.3.4.5	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Legal Authenticator Name	Jane Doe, DMD	
Legal Authenticator Address	456 South Oak Ave, Marshfield, WI 54449	
Legal Authenticator Telephone	715-221-1100 ext. 001	

5.1.7 Participant (Support)

Data Field	Sample Data Value	Code System (if applicable)
Individual Role Code	Personal Relationship	RoleClass (2.16.840.1.113883.5.110)
Participant Name	Douglas Forge	
Participant Address	1000, Main Street, Marshfield, WI 54449	
Participant Telephone	715-444-8899	

5.1.8 Service Event

Data Field	Sample Data Value	Code System (if applicable)
Service Event Time Period	01-12-1970 to 05-26-2015	
Key Care Team Member 1– Provider ID	324567	NPI (2.16.840.1.113883.4.6)
Key Care Team Member 1– Provider Type Code	207RC0000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Key Care Team Member 1– Provider Type Name	Cardiologist	
Key Care Team Member 1– Provider Name	Curtis Edmond, MD	
Key Care Team Member 1– Provider Address	555, Campus Street, Madison, WI 53558	
Key Care Team Member 1– Provider Telephone	715-456-1111	
Key Care Team Member 2– Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Key Care Team Member 2– Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Key Care Team Member 2– Provider Type Name	Dentist	
Key Care Team Member 2– Provider Name	Jane Doe, DMD	

Key Care Team Member 2– Provider Address	456 South Oak Ave, Marshfield, WI 54449	
Key Care Team Member 2– Provider Telephone	715-221-1100 ext. 001	

5.1.9 Encounter

Data Field	Sample Data Value	Code System (if applicable)
Encounter Date	05-26-2015	
Encounter Time	13:30	24-hour time format
Encounter Duration	90	minutes
Encounter Location ID	11111222333	
Encounter Location Facility Type Code	261QD0000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Encounter Location Facility Type Name	Dental [Ambulatory Health Care Facilities/Clinic/Center]	
Encounter Location Name	Jane Doe Dental Center	
Encounter Location Address	456 South Oak Ave, Marshfield, WI 54449	
Encounter Location Telephone	715-221-1100	
Care Team Member Responsible for Encounter –Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Care Team Member Responsible for Encounter – Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Care Team Member Responsible for Encounter –Provider Type Name	Dentist	
Care Team Member Responsible for Encounter –Provider Name	Jane Doe, DMD	
Care Team Member Responsible for Encounter – Provider Address	456 South Oak Ave, Marshfield, WI 54449	
Care Team Member Responsible for Encounter – Provider Telephone	715-221-1100 ext. 001	

5.2 OH-CCD Purpose: “Represents the specific reason for which the summarization was generated, such as in response to a request. [used only] when the CCD has a specific purpose such as a transfer, referral, or patient request.” [CCD 2.8]

Data Field	Sample Data Value	Code System (if applicable)
Purpose	Transfer of Care to a Physician	

5.3 OH-CCD Problems: “This section lists and describes all relevant clinical problems at the time the summary is generated. At a minimum, all pertinent current and historical problems should be listed.” [CCD 3.5] As the data recorded is problem specific, it is expected multiple records may exist for a single encounter.

Data Field	Sample Data Value	Code System (if applicable)
Problem ID	00a124	

Problem	Dental Caries	
Problem Code 1	80967001	SNOMED CT (2.16.840.1.113883.6.96)
Problem Code 2	118065D	SNODENT
Problem Code 3	K02.9	ICD 10 (2.16.840.1.113883.6.3)
Problem Status	Active	
Date Diagnosed	05-26-2015	
Tooth Number System		Universal (American) ISO Palmer Other
Tooth Number	2	Teeth Code (2.16.840.1.113883.4.642.1.318)
Tooth Location	161262D (Entire permanent maxillary right second molar tooth)	SNODENT
Tooth Surface	MOD	Surface Code (2.16.840.1.113883.4.642.1.316)
Tooth Surface Concept	163622D (Mesial-occlusal-distal)	SNODENT
Date Problem Solved	05-XX-1995	Month date approximation sample
Provider Type Code	122300000X	NPI (2.16.840.1.113883.4.6)
Provider Type Name	Dentist	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Name	Jane Doe, DMD	

5.4 OH-CCD Procedures: “This section defines all interventional, surgical, diagnostic, or therapeutic procedures or treatments pertinent to the patient historically at the time the document is generated. The section may contain all procedures for the period of time being summarized but should include notable procedures.” [CCD 3.14]

Data Field	Sample Data Value	Code System (if applicable)
Procedure ID	0101010	
Procedure Date	05-26-2015	
Procedure	Amalgam 3 Surface primary/permanent	CDT/CPT descriptive text
Procedure Code	D2160	CDT/CPT
Procedure Status	Complete	
Tooth Number System		Universal (American) ISO Palmer Other
Tooth Number	30	Teeth Code - (2.16.840.1.113883.4.642.1.318)
Tooth Location	160770D (Entire permanent mandibular right first molar tooth)	SNODENT
Tooth Surface	MOD	Surface Code (2.16.840.1.113883.4.642.1.316)
Tooth Surface Concept	163622D (Mesial-occlusal-distal)	SNODENT
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)

Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	
Facility ID	1.2.3.4.5	
Facility Name	Jane Doe Dental Center	
Facility Address	456 South Oak Ave, Marshfield, WI 54449	
Facility Telephone	715-221-1100	

5.4.1 OH-CCD Procedure Diagnosis: “This section allows for one or more diagnosis(es) to be related to a given procedure listed above”

Data Field	Sample Data Value	Code System (if applicable)
Procedure ID	0101010	
Procedure Dx Code Type 1	80967001	SNOMED CT (2.16.840.1.113883.6.96)
Procedure Dx Code Type 2	118065D	SNODENT
Procedure Dx Code Type 3	K02.9	ICD 10 (2.16.840.1.113883.6.3)

5.5 OH-CCD Family History: “This section contains data defining the patient’s genetic relatives in terms of possible or relevant health risk factors that have a potential impact on the patient’s healthcare risk profile.” [CCD 3.6]

Data Field	Sample Data Value	Code System (if applicable)
Family History ID	121212	
Family History Date	05-26-2015	
Condition	Diabetes	
Condition Code	73211009	SNOMED CT (2.16.840.1.113883.6.96)
Relationship	Father	
Age of Onset	30 years	
Living Status	Alive	
Verifying Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Verifying Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Verifying Provider Type Name	Dentist	
Verifying Provider Name	Jane Doe, DMD	
Last Verified Date	06-10-2016	

5.6 OH-CCD Social History: “This section contains data defining the patient’s occupational, personal (e.g. lifestyle), social, and environmental history and health risk factors, as well as administrative data such as marital status, race, ethnicity and religious affiliation.” [CCD 3.7]

Data Field	Sample Data Value	Code System (if applicable)
Social History ID	121212	
Social History Date	05-26-2015	
Marital Status	Married	Marital Status (2.16.840.1.113883.5.2)

Race	White	OMB Standards for Race and Ethnicity (2.16.840.1.113883.6.238)
Ethnicity	Non-Hispanic or Non-Latino	OMB Standards for Race and Ethnicity (2.16.840.1.113883.6.238)
Occupation	Farm Worker	
Patient Standards Negative History of Alcohol, Tobacco and Recreational Drug Use	Null/Yes/No	
Tobacco Use	Null/None/Past/Present	
Tobacco Use Frequency	x per day/x per week/x per month	
Tobacco Use Duration	days/months/years	
Tobacco Use Date Start	XX-XX-1993	Year date approximation sample
Tobacco Use Date End	XX-XX-2001	
Tobacco Use Types	Cigarettes Cigar Pipe Smokeless Vaping	
Tobacco Concept	104709D (Tobacco user)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Alcohol Use	Null/None/Past/Present	
Alcohol Use Frequency	x per day/x per week/x per month	
Alcohol Use Duration	days/months/years	
Alcohol Use Date Start		
Alcohol Use Date End		
Alcohol Concept	141501D (Alcohol abuse)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Recreational Drug Use	Null/None/Past/Present	
Recreational Drug Use Frequency	x per day/x per week/x per month	
Recreational Drug Use Duration	days/months/years	
Recreational Drug Use Types	Marijuana Other	
Recreational Drug Use Date Start	05-XX-1995	Month date approximation sample
Recreational Drug Use Date End	07-XX-1997	
Recreational Drug Use Concept	186812D (Cannabis abuse)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Comment	Free text	
Recording Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Recording Provider Type Code	124Q00000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Recording Provider Type Name	Dental Hygienist	
Recording Provider Name	Mary Doe, RDH	

5.7 OH-CCD Payers: “This section describes payers and the coverage they provide for defined activities. For each payer, “all the pertinent data needed to contact, bill to, and collect from that payer should be

included. Authorization information that can be used to define pertinent referral, authorization tracking number, procedure, therapy, intervention, device, or similar authorizations for the patient or provider or both should be included.” [CCD 3.1]

5.8 OH-CCD Advanced Directives: “This section contains data defining the patient’s advance directives and any reference to supporting documentation. This section contains data such as the existence of living wills, healthcare proxies, and CPR and resuscitation status.” [CCD 3.2]

5.9 OH-CCD Alerts [Allergies and Adverse Reactions]: “This section is used to list and describe any allergies, adverse reactions, and alerts that are pertinent to the patient’s current or past medical history.” [CCD 3.8]

Data Field	Sample Data Value	Code System (if applicable)
Alert ID	0101010	
Alert Date	05-26-2015	
Type of Allergy	Drug Allergy	
Allergy Code	416098002	SNOMED CT (2.16.840.1.113883.6.96)
Allergen	Sulfamethoxazole	
Allergen Code	10180	RxNorm (2.16.840.1.113883.6.88)
Reaction	Erythema of skin	
Reaction Code	444827008	SNOMED CT (2.16.840.1.113883.6.96)
Severity	Mild to moderate	
Severity Code	371923003	SNOMED CT (2.16.840.1.113883.6.96)
Alert Status	Active	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	

5.10 OH-CCD Medications: “The Medications section defines a patient’s current medications and pertinent medication history.” [CCD 3.9]

Data Field	Sample Data Value	Code System (if applicable)
Medication ID	123456	
Medication Name	Acetaminophen	
Medication Code	198440	RxNorm (2.16.840.1.113883.6.88)
Reason for Medication	Painful Tooth Socket	
Reason for Medication Code	285339000	SNOMED CT (2.16.840.1.113883.6.96)
Dose	500 milligrams	
Form	Tablet	
Form Code	C42998	NCI Thesaurus (2.16.840.1.113883.3.26.1.1)
Administration Route	Oral	

Administration Route Code	C38288	NCI Thesaurus (2.16.840.1.113883.3.26.1.1)
Frequency	Every 8 hours	
Duration	10 days	
SIG	Take Acetaminophen 500 MG Oral Tablet every 8 hours for 10 days	
Medication Status	Active	
Date Started	05-26-2015	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	

5.11 OH-CCD Immunizations: This section defines a patient’s current immunization status and pertinent immunization history. [CCD 3.11]

5.12 OH-CCD Medical Equipment: “All pertinent equipment relevant to the diagnosis, care, and treatment of a patient should be included.” [CCD 3.10]

5.13 OH-CCD Vital Signs: “The section may contain all vital signs for the period of time being summarized, but at a minimum should include notable vital signs such as the most recent, maximum and/or minimum, or both, baseline, or relevant trends.” [CCD 3.12]

Data Field	Sample Data Value	Code System (if applicable)
Vital Sign ID	0101010	
Vital Sign Recorded Date	05-26-2015	
Height	165 cm	
Observation Code	8302-2	LOINC (2.16.840.1.113883.6.1)
Weight	56.7 kilograms	
Observation Code	3141-9	LOINC (2.16.840.1.113883.6.1)
Body Mass Index	24.25 kg/m2	
Observation Code	39156-5	LOINC (2.16.840.1.113883.6.1)
Blood Pressure – Systolic	120 mmHg	
Observation Code	8480-6	LOINC (2.16.840.1.113883.6.1)
Blood Pressure – Diastolic	80 mmHg	
Observation Code	8480-4	LOINC (2.16.840.1.113883.6.1)
Comment	Free text	
Recording Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Recording Provider Type Code	124Q00000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Recording Provider Type Name	Dental Hygienist	
Recording Provider Name	Mary Doe, RDH	

5.14 OH-CCD Functional Status: “This section contains information on the “normal functioning” of the patient at the time the record is created and provides an extensive list of examples. Further, it states that deviation from normal and limitations and improvements should be included here. [CCD 3.4]

5.15 OH-CCD Results: “This section contains the results of observations generated by laboratories, imaging procedures, and other procedures.” . . . “The section may contain all results for the period of time being summarized but should include notable results such as abnormal values or relevant trends.” [CCD 3.13].

5.16 OH-CCD Encounters: “This section is used to list and describe any healthcare encounters pertinent to the patient’s current health status or historical health history.” [CCD 3.15]

5.16.1 Odontogram: “This section is to describe the dentition as recorded via the odontogram during a specified encounter. There is generally a single odontogram record (ID or Update Sub ID) during an encounter with multiple tooth-specific associated records.”

Data Field	Sample Data Value	Code System (if applicable)
Odontogram ID	0101010	
Odontogram Date	05-26-2015	
Odontogram Ordinal Number	1,2,3,4....	
Odontogram Descriptor	Text	
Odontogram Update SubID	0101010	
Odontogram Update Date	05-26-2015	
Odontogram Update Ordinal Number	1,2,3,4....	
Odontogram Update Descriptor	Text	
Status	Existing/New/Deleted	
Tooth Number System		Universal (American) ISO Palmer Other
Tooth Number	30	Teeth Code (2.16.840.1.113883.4.642.1.318)
Tooth Location	160770D (Entire permanent mandibular right first molar tooth)	SNODENT
Tooth Surface	MOD	Surface Code (2.16.840.1.113883.4.642.1.316)
Tooth Surface Concept	163622D (Mesial-occlusal-distal)	SNODENT
Sextant or Quadrant	UR/UC/UL/LL/LC/LR	
Missing	Null/Yes/No	
Caries	Null/Yes or SNODENT Concept/No	Boolean or SNODENT
Area	163124D (Entire distobuccal cusp)	SNODENT
Aspect	135122D (Mandibular vestibule)	SNODENT
Condition	112890D (Dental caries associated with failed or defective dental restoration)	SNODENT
Material	177942D (Dental amalgam filling present)	SNODENT

Finding	177942D (Dental amalgam filling present)	SNODENT
Associated Diagnosis	K02.52	ICD10
Associated Problem	114681D (Primary dental caries, multisurface origin)	SNODENT
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	
Facility ID	1.2.3.4.5	
Facility Name	Jane Doe Dental Center	
Facility Address	456 South Oak Ave, Marshfield, WI 54449	
Facility Telephone	715-221-1100	

5.16.2.1 Periodontal Assessment (General): “This section is to record an overall periodontal assessment during a specified encounter. As an overall assessment, generally a single record exists for a particular encounter.”

Data Field	Sample Data Value	Code System (if applicable)
Periodontal ID	0101010	
Periodontal Date	05-26-2015	
Good Periodontal Health	Null/Yes/No	
Oral Hygiene	Null/Excellent/Good/Fair/Poor Acceptable/Unacceptable (1079) SNODENT Concept	
Oral Hygiene Practice	Null/None/Brush/Floss/IP Aid/Rinse	
Periodontal Etiology	Null/None/SCRIP/Surgery/Maintenance	
Overall Periodontal Prognosis	Null/Good/Fair/Poor/Hopeless	
Periodontal Diagnosis 1		Armitage Classification (pending AAP update)
Periodontal Diagnosis 2	207051D (Generalized moderate chronic periodontitis)	SNODENT
Periodontal Diagnosis 3	K05.322 (Chronic periodontitis, generalized, moderate)	ICD-10
Periodontal Risk	Very Low (1) Low (2) Moderate (3) High (4) Very High (5)	See ADA Standard #1087
Periodontal Risk Tool	Text	
Gingivitis	Acute/Chronic Generalized/Localized Slight/Moderate/Severe	
Gingival Enlargement	Acute/Chronic Generalized/Localized Slight/Moderate/Severe	
Generalized Periodontitis	Acute/Chronic Slight/Moderate/Severe Aggressive	
Localized Periodontitis	Acute/Chronic	

	Slight/Moderate/Severe Aggressive	
Peri-implantitis	Tooth location	
Mucogingival Defect	Tooth location	
Frenum Involvement	Null/Yes/No/ if Yes Maxillary Anterior/Mandibular Anterior/Other	
Hx Past Periodontal Treatment	Null/Yes/No	
Hx Restorative Treatment	Null/Yes/No	
Hx Orthodontic Treatment	Null/Yes/No	
Hx Failed Implant	Null/Yes/No	
Additional Concept 1	158739D (Destructive attachment of labial frenum)	SNODENT
Additional Concept 2	113164D (Loss of teeth due to local periodontal disease)	SNODENT
Additional Concept 3	142612D (Chronic periodontitis with drifting of teeth)	SNODENT
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	
Facility ID	1.2.3.4.5	
Facility Name	Jane Doe Dental Center	
Facility Address	456 South Oak Ave, Marshfield, WI 54449	
Facility Telephone	715-221-1100	

5.16.2.2 Periodontal (Tooth Specific): “This section is to record tooth specific periodontal findings during a specified encounter. As the data recorded is tooth specific, it is expected multiple records will exist for a single encounter.”

Data Field	Sample Data Value	Code System (if applicable)
PeriodontalTooth ID	0101010	
PeriodontalTooth Date	05-26-2015	
Tooth Number System		Universal (American) ISO Palmer Other
Tooth Number	Tooth location i.e. #30	Teeth Code (2.16.840.1.113883.4.642.1.318)
Tooth Location	160770D (Entire permanent mandibular right first molar tooth)	SNODENT
Probing Depth Position1	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	Per ADA Standard 1079: 1 = disto-facial/buccal 2 = mid-facial/buccal
Probing Depth Position2	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	3 = mesio-facial/buccal 4 = mesio-lingual/palatal 5 = mid-lingual/palatal

Probing Depth Position3	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	6 = disto-lingual/palatal
Probing Depth Position4	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Probing Depth Position5	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Probing Depth Position6	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Bleeding Position1	Null/No/Yes/Delayed	Per ADA Standard 1079: 1 = disto-facial/buccal 2 = mid-facial/buccal 3 = mesio-facial/buccal 4 = mesio-lingual/palatal 5 = mid-lingual/palatal 6 = disto-lingual/palatal
Bleeding Position2	Null/No/Yes/Delayed	
Bleeding Position3	Null/No/Yes/Delayed	
Bleeding Position4	Null/No/Yes/Delayed	
Bleeding Position5	Null/No/Yes/Delayed	
Bleeding Position6	Null/No/Yes/Delayed	
Suppuration Position1	Null/No/Yes	1 = disto-facial/buccal 2 = mid-facial/buccal 3 = mesio-facial/buccal 4 = mesio-lingual/palatal 5 = mid-lingual/palatal 6 = disto-lingual/palatal
Suppuration Position2	Null/No/Yes	
Suppuration Position3	Null/No/Yes	
Suppuration Position4	Null/No/Yes	
Suppuration Position5	Null/No/Yes	
Suppuration Position6	Null/No/Yes	
Attached Gingiva Position1	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	Per ADA Standard 1079: 1 = disto-facial/buccal 2 = mid-facial/buccal 3 = mesio-facial/buccal 4 = mesio-lingual/palatal 5 = mid-lingual/palatal 6 = disto-lingual/palatal
Attached Gingiva Position2	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Attached Gingiva Position3	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Attached Gingiva Position4	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Attached Gingiva Position5	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Attached Gingiva Position6	0 to 10 mm, in increments of full mm, plus one value for > 10 mm	
Free Gingival Margin Position1	+5 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	1 = disto-facial/buccal 2 = mid-facial/buccal 3 = mesio-facial/buccal 4 = mesio-lingual/palatal 5 = mid-lingual/palatal 6 = disto-lingual/palatal
Free Gingival Margin Position2	+5 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Free Gingival Margin Position3	+5 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	

Free Gingival Margin Position4	+5 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Free Gingival Margin Position5	+5 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Free Gingival Margin Position6	0 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Mucogingival Junction Position1	0 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	1 = disto-facial/buccal 2 = mid-facial/buccal 3 = mesio-facial/buccal 4 = mesio-lingual/palatal 5 = mid-lingual/palatal 6 = disto-lingual/palatal
Mucogingival Junction Position2	0 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Mucogingival Junction Position3	0 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Mucogingival Junction Position4	0 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Mucogingival Junction Position5	0 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Mucogingival Junction Position6	0 to -10 mm from CEJ, in increments of full mm, plus one value for > -10 mm	
Furcation Position1	I – III, in increments of I (roman numerals)	Per ADA Standard 1079: 1 = mid-facial/buccal 2 = mid-lingual 3 =mesial 4 = distal Per ADA Standard 1079: 1 = mid-facial/buccal 2 = mid-lingual 3 =mesial 4 = distal
Furcation Position2	I – III, in increments of I (roman numerals)	
Furcation Position3	I – III, in increments of I (roman numerals)	
Furcation Position4	I – III, in increments of I (roman numerals)	
Mobility	0.0 to 3.0 in increments of 0.5	
Comment	Free text	NPI (2.16.840.1.113883.4.6)
Provider ID	1234567	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Code	122300000X	
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	
Facility ID	1.2.3.4.5	

Facility Name	Jane Doe Dental Center	
Facility Address	456 South Oak Ave, Marshfield, WI 54449	
Facility Telephone	715-221-1100	

5.16.2.3 Periodontal Screening: “This section is to record a periodontal screening during a specified encounter. As a screening assessment, generally a single record exists for a particular encounter and may be in lieu of the comprehensive assessments in sections 6.16.2 and 6.16.3.”

Data Field	Sample Data Value	Code System (if applicable)
PeriodontalScreen ID	0101010	
PeriodontalScreen Date	05-26-2015	
Sextant1 UR	0/1/2/3/4/ plus * or X or NULL	
Sextant2 UC	0/1/2/3/4/ plus * or X or NULL	
Sextant3 UL	0/1/2/3/4/ plus * or X or NULL	
Sextant4 LL	0/1/2/3/4/ plus * or X or NULL	
Sextant5 LC	0/1/2/3/4/ plus * or X or NULL	
Sextant6 LR	0/1/2/3/4/ plus * or X or NULL	
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	
Facility ID	1.2.3.4.5	
Facility Name	Jane Doe Dental Center	
Facility Address	456 South Oak Ave, Marshfield, WI 54449	
Facility Telephone	715-221-1100	

5.16.3 Intra and Extra Oral Soft Tissue: “This section is to record intra and extra oral soft tissue findings during a specified encounter.”

Data Field	Sample Data Value	Code System (if applicable)
IO-EO Soft Tissue ID	0101010	
IO-EO Soft Tissue Recorded Date	05-26-2015	
No IO-EO Abnormalities Noted	Null/Yes/No	
Lips	Null/Not Examined/Normal/Abnormal	
Tongue	Null/Not Examined/Normal/Abnormal	
Floor of Mouth	Null/Not Examined/Normal/Abnormal	
Vestibule	Null/Not Examined/Normal/Abnormal	

Buccal Mucosa	Null/Not Examined/Normal/Abnormal	
Oropharynx	Null/Not Examined/Normal/Abnormal	
Head	Null/Not Examined/Normal/Abnormal	
Face	Null/Not Examined/Normal/Abnormal	
Neck	Null/Not Examined/Normal/Abnormal	
Skin	Null/Not Examined/Normal/Abnormal	
Nodes	Null/Not Examined/Normal/Abnormal	
Additional Concept 1	158739D (Destructive attachment of labial frenum)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Additional Concept 2	113164D (Loss of teeth due to local periodontal disease)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Additional Concept 3	142612D (Chronic periodontitis with drifting of teeth)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	

5.16.4.1 TMJ Examination: “This section is to record the clinician’s temporomandibular joint system findings during a specified encounter.”

Data Field	Sample Data Value	Code System (if applicable)
TMJ ID	0	
TMJ Recorded Date	05-26-2015	
Maximum Interincisal Opening	mm	
Maximum Left Lateral Excursion	mm	
Maximum Right Lateral Excursion	mm	
Deviation Upon Opening	Null/None/Left/Right	
Popping	Null/None/Left/Right/Both	
Clicking	Null/None/Left/Right/Both	
Crepitus	Null/None/Left/Right/Both	
Pain to Manipulation	Null/None/Left/Right/Both	
Additional Concept 1	143245D (Limitation of movement of temporomandibular joint)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Additional Concept 2	157604D (Temporomandibular joint crepitus on opening in both joints)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)

Additional Concept 3	183718D (Deviation of mandible during opening and closing movement)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	

5.16.4.2 Patient Standardized TMD History: “This section is to record the patient standardized history of the temporomandibular joint system during a specified encounter.”

Data Field	Sample Data Value	Code System (if applicable)
TMD History ID	0101010	
TMD History Recorded Date	05-26-2015	
Patient Standards Negative TMD History	Null/Yes/No	
History of Trauma	Yes/No	
History of Trauma Date	Date	
Popping	Yes/No	
Clicking	Yes/No	
Crepitus	Yes/No	
Limited Opening or ROM	Yes/No	
Pain Upon Opening	Yes/No	
Pain Upon Chewing	Yes/No	
Spontaneous Pain	Yes/No	
Comment	Free Text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	

5.16.5 Occlusion: “This section is to record the occlusal relationship at the time of the encounter.”

Data Field	Sample Data Value	Code System (if applicable)
Occlusion ID	0	
Occlusion Recorded Date	05-26-2015	
Mandibular Relationship	Null/Normal/Retrognathic/Prognathic	
Left First Molar Relationship	Null/Class I/Class II/Class III	
Right First Molar Relationship	Null/Class I/Class II/Class III	
Left Cuspid Relationship	Null/Class I/Class II/Class III	
Right Cuspid Relationship	Null/Class I/Class II/Class III	
Open Bite	Null/Anterior/Bilateral Posterior/Unilateral Left Posterior/Unilateral Right Posterior	
Open Bite Distance	mm	
Cross Bite	Null/Anterior/Bilateral Posterior/Unilateral Left Posterior/Unilateral Right Posterior/Anterior with Bilateral	

	Posterior/Anterior with Unilateral Left Posterior/Anterior with Unilateral Right Posterior	
Vertical Overbite	mm	
Horizontal Overjet	mm	
Additional Concept 1	181244D (Malocclusion, Angle class II)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Additional Concept 2	143820D (Vertical overbite)	SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Additional Concept 3		SNODENT or SNOMED CT (2.16.840.1.113883.6.96)
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	

5.16.6 Implantable Devices: “This section is to record the biologic or non-biologic implantable devices the time of the encounter.”

Data Field	Sample Data Value	Code System (if applicable)
Implant ID	0101010	
Implant Recorded Date	05-26-2015	
Implant Placement Date	05-26-2015	
UDI		UDI Format – See ADA Standard #1081
Type		FDA Classification
Subtype		FDA Classification
Manufacturer		
Reference		
Lot		
Serial Number		
Biologic/NonBiologic		
Details	Free text	
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	

5.17 OH-CCD Plan of Care: This section contains “All active, incomplete, or pending orders, appointments, referrals, procedures, services, or any other pending event of clinical significance to the current and ongoing care of the patient ... The plan of care section also contains information regarding goals and clinical reminders.” [CCD 3.16]

Data Field	Sample Data Value	Code System (if applicable)
Treatment Plan ID	0101010	

Treatment Plan Date	05-26-2015	
Plan Ordinal Number	1,2,3,4....	
Status	Active/Deferred/Deleted	
Accepted	Yes/No	
Priority	Emergent/Urgent/Routine/Optional	
Plan Phase Ordinal Number	1,2,3,4....	
Plan Phase Descriptor	text	
Procedure	Amalgam 3 Surface primary/permanent	
Procedure Code	D2160	CDT/CPT
Procedure Status	Complete	
Tooth Number System		Universal (American) ISO Palmer Other
Tooth Number	30	Teeth Code (2.16.840.1.113883.4.642.1.318)
Tooth Location	160770D (Entire permanent mandibular right first molar tooth)	SNODENT
Tooth Surface	MOD	Surface Code (2.16.840.1.113883.4.642.1.316)
Tooth Surface Concept	163622D (Mesial-occlusal-distal)	SNODENT
Associated Diagnosis	K02.52 (Dental caries on pit and fissure surfaces penetrating dentin)	ICD10
Associated Problem	114681D (Primary dental caries, multisurface origin)	SNODENT
Comment	Free text	
Provider ID	1234567	NPI (2.16.840.1.113883.4.6)
Provider Type Code	122300000X	NUCC Provider Codes (2.16.840.1.113883.6.101)
Provider Type Name	Dentist	
Provider Name	Jane Doe, DMD	
Facility ID	1.2.3.4.5	
Facility Name	Jane Doe Dental Center	
Facility Address	456 South Oak Ave, Marshfield, WI 54449	
Facility Telephone	715-221-1100	

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