

General Session



Time For Change: Managing Dental Disease With Chronic Care **Management Techniques**

Alyssa Aberle, MBA, RDH, CDIPC, MAÁDH



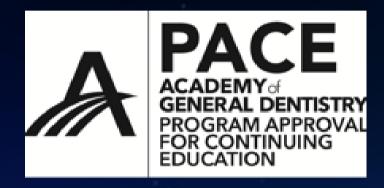




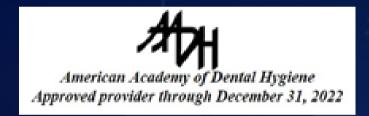
RDH UnderOneRoof



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Time for Change:

Managing Dental Disease with Chronic Care Management Techniques

Alyssa Aberle MBA RDH





D1 providers approach chronic care management for their patients.

Identify ways that dental

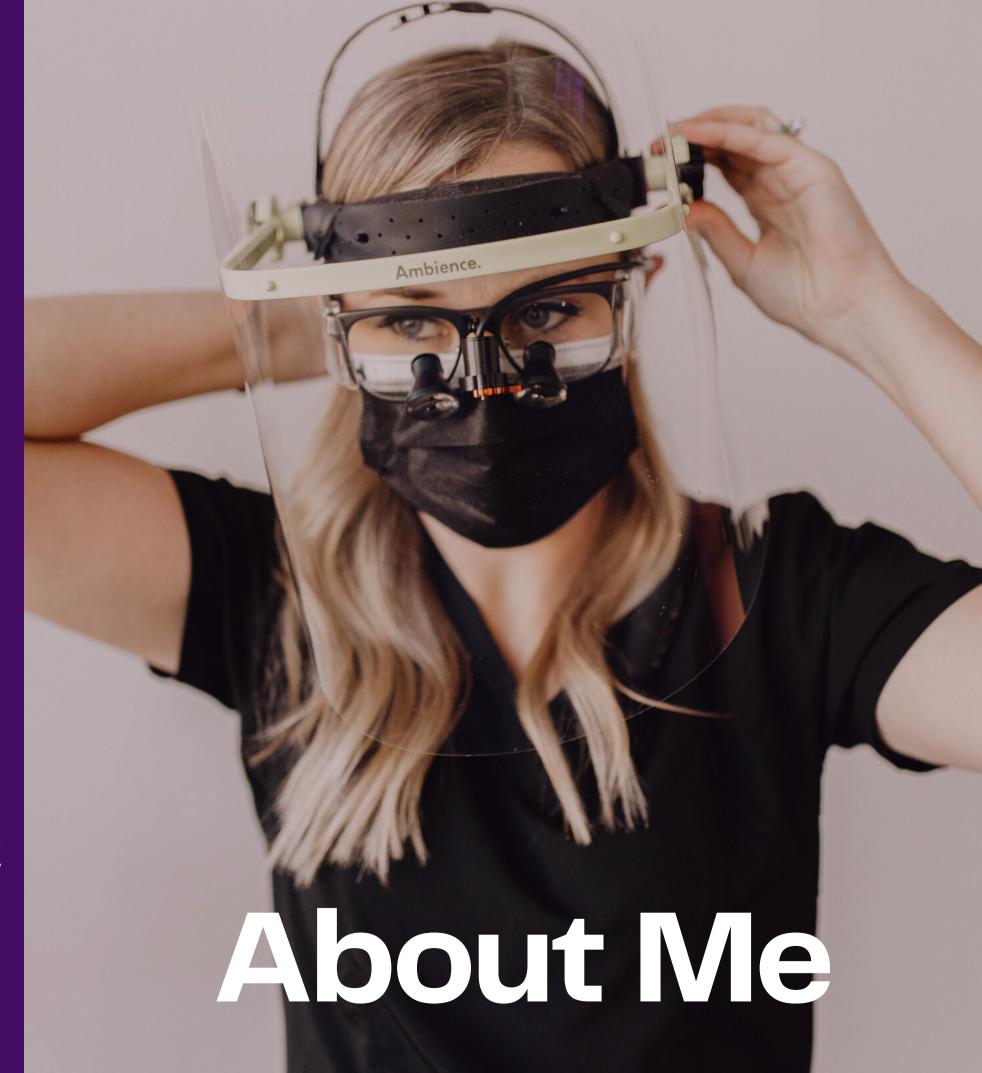
professionals can integrate chronic care management techniques into practice for better outcomes for our patients.

o3 to enable dental professionals to provide chronic care management within the dental office.

Discuss changes that need to take

Alyssa Aberle MBA RDH

- RDH since 2009
- Proud ADHA Member
- 11 years at FQHCs
- Involved with the CO-MDI (Colorado Medical Dental Integration) Project
- Part of integrated RDH/RN team that did chronic care management calls during COVID-19 pandemic

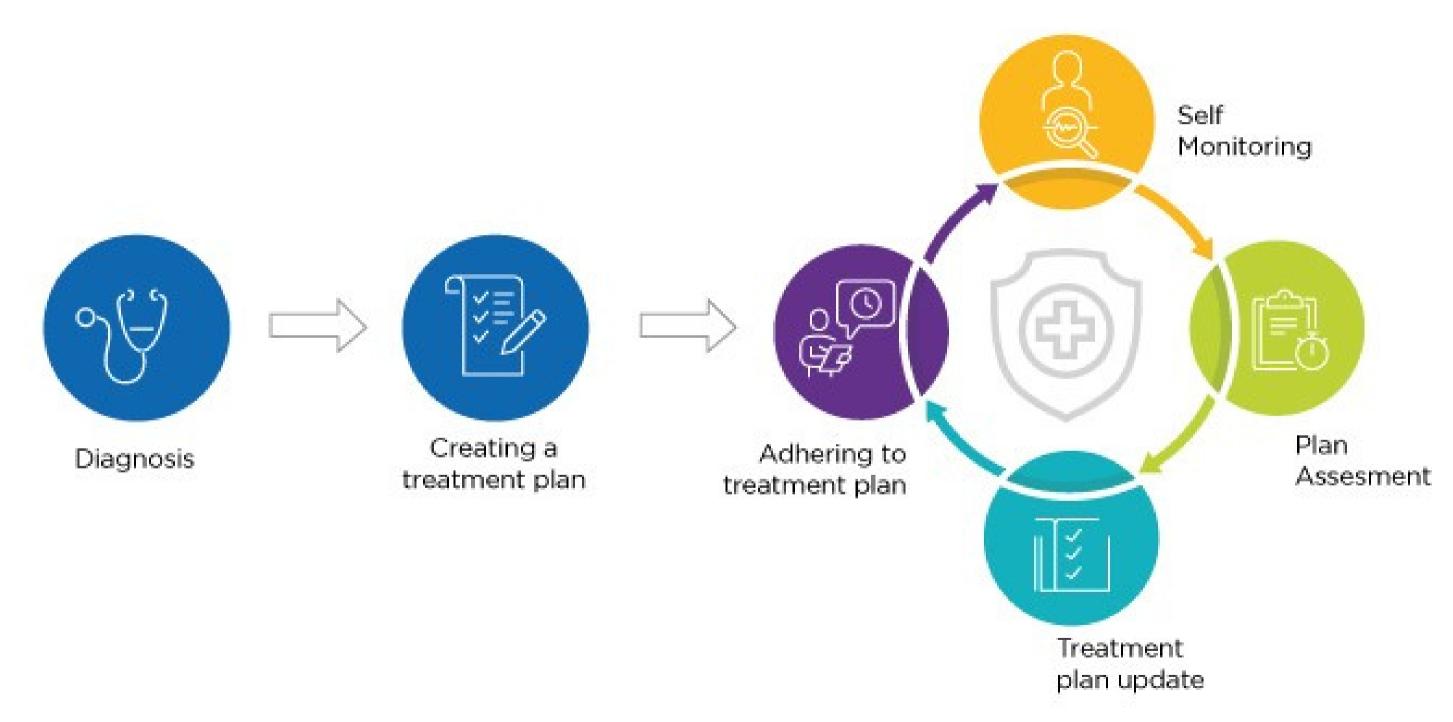




ACCORDING TO A STUDY PUBLISHED BY THE AMERICAN COLLEGE OF RHEUMATOLOGY,

approximately 86% of U.S. healthcare costs are attributable to chronic illness

Medical Chronic Disease Management Approach





Performing a clinical history and interview

Physical exam

Performingdiagnostic testing



"The continuous process of information gathering, integration, and interpretation involves hypothesis generation and updating prior probabilities as more information is learned."

Committee on Diagnostic Error in Health Care; Board on Health Care Services; Institute of Medicine; The National Academies of Sciences, Engineering, and Medicine; Balogh EP, Miller BT, Ball JR, editors. Improving Diagnosis in Health Care. Washington (DC): National Academies Press (US); 2015 Dec 29. 2, The Diagnostic Process. Available from: https://www.ncbi.nlm.nih.gov/books/NBK338593/



Tests, labs, and/or measurements

Lifestyle changes

Medications

Surgical or procedural interventions

In general, providers should seek evidencebased approaches that improve the clinical outcomes and quality of life of patients with diabetes.



American Diabetes Association; 1. Strategies for Improving Care. Diabetes Care 1 January 2016; 39 (Supplement_1): S6-S12. https://doi.org/10.2337/dc16-S004



Ongoing education

Routine visits

Periodic labs and tests

 Interdisciplinary team approach

Updates to diagnosis

Chronic Care Management Eligibility

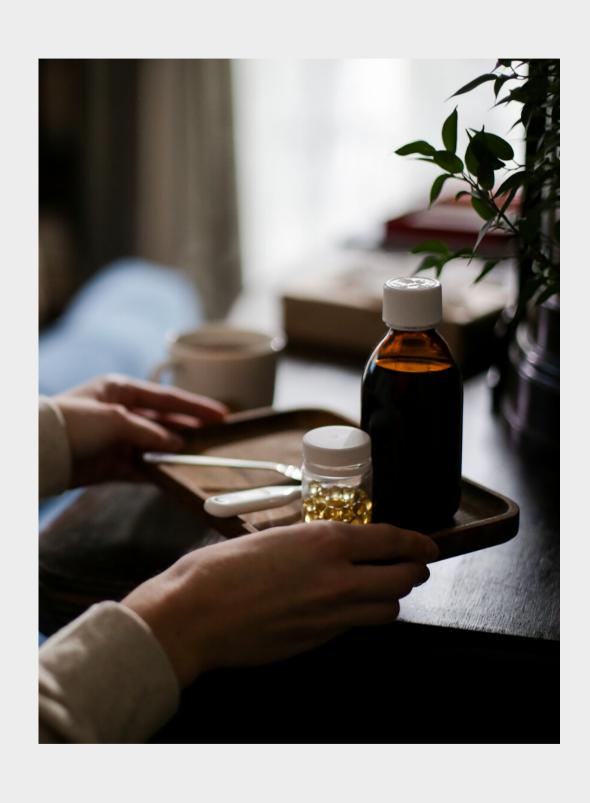
Enrolled in Medicare

01

03

2 or more chronic conditions expected to last at least 12 months

Allow eligible practitioners to bill at least 20 minutes or more of care coordination services per month



THE CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) ESTIMATES THAT APPROXIMATELY

one in four adults, including 70% of Medicare beneficiaries, have two or more chronic conditions

Chronic Conditions

Used by Medicare to determine eligibility in the Chronic Care Management program

Alcohol Abuse	Drug Abuse/ Substance Abuse			
Alzheimer's Disease and Related Dementia	Heart Failure			
Arthritis (Osteoarthritis and Rheumatoid)	Hepatitis (Chronic Viral B & C)			
Asthma	HIV/AIDS			
Atrial Fibrilation	Hyperlipidemia (High Cholesterol)			
Autism Spectrum Disorders	Hypertension (High Blood Pressure)			
Cancer (Breast, Colorectal, Lung, and Prostate)	Ischemic Heart Disease			
Chronic Kidney Disease	Osteoporosis			
Chronic Obstructive Pulmonary Disease	Schizophrenia and Other Psychotic Disorders			
Depression	Stroke			
Diabetes				



Annual Wellness Visits with PCP

+ monthly follow-up visits

Monthly Chronic Care
Management (CCM)
(usually with RN team)

+ additional visits/calls based on goal progress and patient needs

Focus on 2 goals

- 3 month timeline for goals
- SMART goal format

Medical Billing for Chronic Care Management

Based on Medicare fee schedule for chronic care management program.

99201

Office Visit for Chronic Disease

\$43.89

99490

Non-complex chronic care management 20+ minutes per month

\$64.02

99487

Complex care
management
60+ minutes per month

\$94.55

99489

Complex care management add-on additional 30 minutes

\$94.55

For a medical provider to receive reimbursement for medical services, ICD-10-CM codes are required to be submitted to the payer.

While CPT® codes depict the services provided to the patient, ICD-10-CM codes depict the patient's diagnoses that justify the services rendered as medically necessary.



Diabetic Complications

E10.22/E11.22	Diabetes	, Renal Complication				
	N04.X	Nephrotic Syndrome				
PLUS	N08	Nephritis/Nephropathy				
		CKD Stage I-V and ESRD Add Z99.2 if on dialysis				
Select	N18.1	CKD, Stage I (GFR > 90)				
code from	N18.2	CKD, Stage II (GFR 60-89)				
Diabetic Renal	N18.3	CKD, Stage III (GFR 30-59) Refer to KDIGO				
Manifestation	N18.4	CKD, Stage IV (GFR 15-29) Guidelines				
Codes	N18.5	CKD, Stage V (GFR 14 or less)				
	N18.6	ESRD				
	N18.9	CKD, Unspecified				
	Diabetes	, Circulatory/Vascular Complication				
	E10.51	Diabetic PVDType 1				
	E11.51	Diabetic PVDType 2				
	E10.69	Diabetic Impotence Type 1				
	E11.69	Diabetic Impotence Type 2				
	N52.1	Impotence				
	E10.62X	Diabetic Ulcer				
	E10.52	Type 1 Diabetic Gangrene				
	E11.52	Type 2 Diabetic Gangrene				
	Diabetes	, Neurological Complication				
	E10.43	Type 1 Diabetic Peripheral Autonomic Neuropathy				
	E11.43	Type 2 Diabetic Peripheral Autonomic Neuropathy				
	E10.42	Type 1 Diabetic with Polyneuropathy				
	E11.42	Type 2 Diabetic with Polyneuropathy				
	E10.43	Type 1 Diabetes with Gastroparesis				
	E11.43	Type 2 Diabetes with Gastroparesis				

	Diabetes	, with other Spec. Complications				
	E10.69	Type 1 Diabetes Mellitus with other specified complications				
	E11.69	Type 2 Diabetes Mellitus with other specified complications *Use additional code to identify complication				
Type 1 Diabetes with Hypoglycemia						
	E10.64X	Type 1 Diabetes with Hypoglycemia				
	E11.64 X	Type 2 Diabetes with Hypoglycemia				
	Diabetes	, Ophthalmic Complication				
	E10.3XX	X Type 1 Diabetic Nonproliferative Retinopathy E11.3XXX				
Please Note:	Type 2 Diabetic Nonproliferative Retinopathy					
A 7th digit	E10.35XX	Type 1 Diabetes Mellitus with Proliferative Retinopathy				
nas been idded to lesignate aterality.	E11.35XX	Type 2 Diabetes Mellitus with Proliferative Retinopathy				
	E10.3XX	X Type 1 Diabetes with Ophthalmic Complications				
	E11.3XX	Type 2 Diabetes with Ophthalmic Complications * 6th digit denotes with or without Macular Edema				
	E10.39	Type 1 Diabetes with other Diabetic ophthalmic complication				
	E11.39	Type 2 Diabetes with other Diabetic ophthalmic complication *Use additional code H40-H42 for Diabetic Glaucoma * Use additional code H43.1XX for Vitreous Hemorrhage				
	E10.36	Type 1 Diabetes with Diabetic Cataract				
	E11.36	Type 2 Diabetes with Diabetic Cataract				

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So how does this impact our approach to oral health?



"The most prevalent oral diseases - caries and periodontal diseases – are two of the most common diseases of humankind. They are responsible for a burden of disease, impacting quality of life and leading to years of disability."

Do we follow this same model?

Should we?





"Dentistry, with historic roots in a surgical tradition, commonly approaches dental caries as an acute surgical problem requiring restoration and rehabilitation rather than as a chronic disease process requiring individually tailored management of etiologic factors."

Edelstein BL, Ng MW. Chronic Disease Management Strategies of Early Childhood Caries: Support from the Medical and Dental Literature. Pediatr Dent. 2015 May-Jun;37(3):281-7. PMID: 26063557.



 Performing a clinical history and interview

Physical exam

Performing
 diagnostic testing

Clinical History & Interview

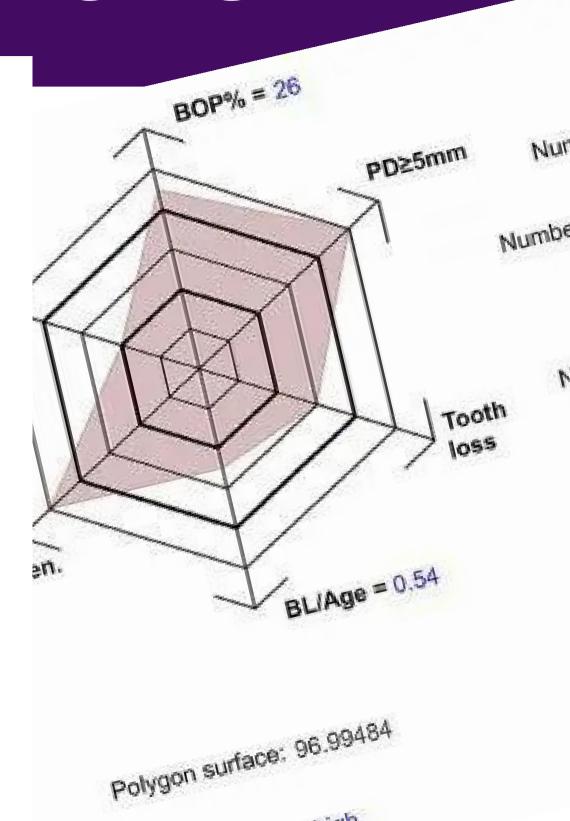
Thorough health history

 Caries Risk Assessment (CRA) and Periodontal Risk Assessment (PRA)

 Home health habits assessment using motivational interviewing techniques

Risk Assessments

Patie	ent Name:				
Birtl	h Date:		Date:		
Age:	:		Initials:		
		Low Risk	Moderate Risk High Risk		
	Contributing Conditions	Check o	r Circle the conditions th		
I.	Fluoride Exposure (through drinking water, supplements, professional applications, toothpaste)	□Yes	□No		
II.	Sugary Foods or Drinks (including juice, carbonated or non-carbonated soft drinks, energy drinks, medicinal syrups)	Primarily at mealtimes		Frequent or prolonged between meal exposures/day	
III.	Caries Experience of Mother, Caregiver and/or other Siblings (for patients ages 6-14)	No carious lesions in last 24 months	Carious lesions in last 7-23 months	Carious lesions in last 6 months	
IV.	Dental Home : established patient of record, receiving regular dental care in a dental office	□Yes	□No		
	General Health Conditions	Check or Circle the conditions that apply			
I.	Special Health Care Needs (developmental, physical, medi- cal or mental disabilities that prevent or limit performance of adequate oral health care by themselves or caregivers)	□No	Yes (over age 14)	Yes (ages 6-14)	
II.	Chemo/Radiation Therapy	□No		□Yes	
III.	Eating Disorders	□No	□Yes		
IV.	Medications that Reduce Salivary Flow	□No	□Yes		
V.	Drug/Alcohol Abuse	□No	□Yes		
	Clinical Conditions	Check o	r Circle the conditions th	at apply	
I.	Cavitated or Non-Cavitated (incipient) Carious Lesions or Restorations (visually or radiographically evident)	No new carious lesions or restorations in last 36 months	1 or 2 new carious lesions or restorations in last 36 months	3 or more carious lesions or restorations in last 36 months	
II.	Teeth Missing Due to Caries in past 36 months	□No		□Yes	
III.	Visible Plaque	□No	□Yes		
IV.	Unusual Tooth Morphology that compromises oral hygiene	□No	□Yes		
V.	Interproximal Restorations - 1 or more	□No	Yes		
VI.	Exposed Root Surfaces Present	□No	Yes		
VII.	Restorations with Overhangs and/or Open Margins; Open Contacts with Food Impaction	□No	□Yes		
VIII.	Dental/Orthodontic Appliances (fixed or removable)	□No	□Yes		
IX.	Severe Dry Mouth (Xerostomia)	□No		□Yes	
	erall assessment of dental caries risk:	☐ Low	☐ Moderate	☐ High	



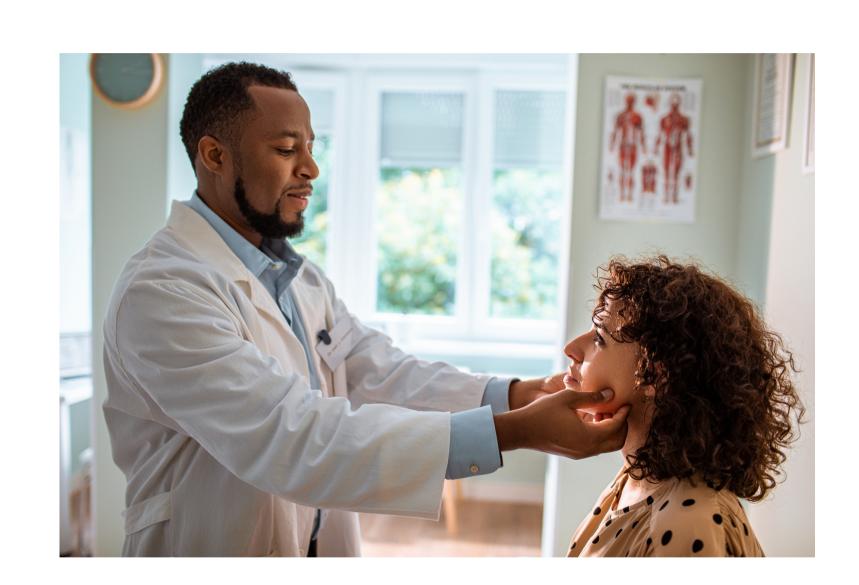
56 7(1-32) Age Number of teeth and implants 2 4 6 6 Number of sites per tooth / implant of Number of BOP-pos. sites 12 Number of sites with PPD≥5mm 6 Number of missing teeth 30 % alveolar bone loss (estimated in % or 10% per 1mm) e Yes No Syst./Gen. Non-smoker (NS) • Former smoker (FS) Envir. Occasional smoker (smoker (S)

Periodontal Risk: high

Physical Exam

Periodontal Charting

Dental Charting



Screening for oropharyngeal cancers

Diagnostic Testing

- Radiographs
- Salivary diagnostics
- HbA1C
- pH testing
- Sleep study
- Inflammatory testing





Staging and Grading Periodontitis

A A P

COOPERATE ADVANCE

COOPER

The 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions resulted in a new classification of periodontitis characterized by a multidimensional staging and grading system. The charts below provide an overview. Please visit **perio.org/2017wwdc** for the complete suite of reviews, case definition papers, and consensus reports.

PERIODONTITIS: STAGING

Staging intends to classify the severity and extent of a patient's disease based on the measurable amount of destroyed and/or damaged tissue as a result of periodontitis and to assess the specific factors that may attribute to the complexity of long-term case management.

Initial stage should be determined using clinical attachment loss (CAL). If CAL is not available, radiographic bone loss (RBL) should be used. Tooth loss due to periodontitis may modify stage definition. One or more complexity factors may shift the stage to a higher level. See **perio.org/2017wwdc** for additional information.

	Periodontitis	Stage I	Stage II	Stage III	Stage IV
Severity	Interdental CAL (at site of greatest loss)	1 – 2 mm	3 – 4 mm	≥5 mm	≥5 mm
	RBL	Coronal third (<15%)	Coronal third (15% - 33%)	Extending to middle third of root and beyond	Extending to middle third of root and beyond
	Tooth loss (due to periodontitis)	No tooth loss		≤4 teeth	≥5 teeth
Complexity	Local	 Max. probing depth ≤4 mm Mostly horizontal bone loss 	 Max. probing depth ≤5 mm Mostly horizontal bone loss 	In addition to Stage II complexity: • Probing depths ≥6 mm • Vertical bone loss ≥3 mm • Furcation involvement Class II or III • Moderate ridge defects	In addition to Stage III complexity: • Need for complex rehabilitation due to: - Masticatory dysfunction - Secondary occlusal trauma (tooth mobility degree ≥2) - Severe ridge defects - Bite collapse, drifting, flaring - <20 remaining teeth (10 opposing pairs)
Extent and distribution	Add to stage as descriptor	For each stage, describe e Localized (<30% of teet) Generalized; or Molar/incisor pattern			



PERIODONTITIS: GRADING

Grading aims to indicate the rate of periodontitis progression, responsiveness to standard therapy, and potential impact on systemic health.

Clinicians should initially assume grade B disease and seek specific evidence to shift to grade A or C. See **perio.org/2017wwdc** for additional information.

	Progression		Grade A: Slow rate	Grade B: Moderate rate	Grade C: Rapid rate
Primary criteria	Direct evidence of progression	Radiographic bone loss or CAL	No loss over 5 years	<2 mm over 5 years	≥2 mm over 5 years
Whenever available,		% bone loss / age	<0.25	0.25 to 1.0	>1.0
direct evidence should be used.		Case phenotype	Heavy biofilm deposits with low levels of destruction	Destruction commensurate with biofilm deposits	Destruction exceeds expectations given biofilm deposits; specific clinical patterns suggestive of periods of rapid progression and/or early onset disease
Grade modifiers	Risk factors	Smoking	Non-smoker	<10 cigarettes/day	≥10 cigarettes/day
		Diabetes	Normoglycemic/no diagnosis of diabetes	HbA1c <7.0% in patients with diabetes	HbA1c ≥7.0% in patients with diabetes

The 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions was co-presented by the American Academy of Periodontology (AAP) and the European Federation of Periodontology (EFP).

American Dental Association Caries Classification System.

	AMERICAN DENTAL ASSOCIATION CARIES CLASSIFICATION SYSTEM					
	Sound	Initial	Moderate	Advanced		
Clinical Presentation	No clinically detectable lesion. Dental hard tissue appears normal in color, translucency, and gloss.	Earliest clinically detectable lesion compatible with mild demineralization. Lesion limited to enamel or to shallow demineralization of cementum/dentin. Mildest forms are detectable only after drying. When established and active, lesions may be white or brown and enamel has lost its normal gloss.	Visible signs of enamel breakdown or signs the dentin is moderately demineralized.	Enamel is fully cavitated and dentin is exposed. Dentin lesion is deeply/ severely demineralized.		
Other Labels	No surface change or adequately restored	Visually noncavitated	Established, early cavitated, shallow cavitation, microcavitation	Spread/disseminated, late cavitated, deep cavitation		
Infected Dentin	None	Unlikely	Possible	Present		
Appearance of Occlusal Surfaces (Pit and Fissure)* ¹	ICDAS O	ICDAS 1 ICDAS 2	ICDAS 3 ICDAS 4	ICDAS 5 ICDAS 6		
Accessible Smooth Surfaces, Including Cervical and Root [‡]						
Radiographic Presentation of the Approximal Surface [§]	E0 ¹ or RO* No radiolucency	E1 ^{fl} or RA1* E2 ^{fl} or RA2* D1 ^{fl} or RA3* Radiolucency may extend to the dentinoenamel junction or outer one-third of the dentin. Note: radiographs are not reliable for mild occlusal lesions.	D2 ¹¹ or RB4# Radiolucency extends into the middle one-third of the dentin	D3 ¹¹ or RC5 ^a Radiolucency extends into the inner one-third of the dentin		

^{*} Photographs of extracted teeth illustrate examples of pit-and-fissure caries.

[†] The ICDAS notation system links the clinical visual appearance of occlusal caries lesions with the histologically determined degree of dentinal penetration using the evidence collated and published by the ICDAS Foundation over the last decade; ICDAS also has a menu of options, including 3 levels of caries lesion classification, radiographic scoring and an integrated, risk-based caries management system ICCMS. (Pitts NB, Ekstrand KR. International Caries Detection and Assessment System [ICDAS] and its International Caries Classification and Management System [ICCMS]: Methods for staging of the caries process and enabling dentists to manage caries. *Community Dent Oral Epidemiol* 2013;41[1]:e41-e52. Pitts NB, Ismail AI, Martignon S, Ekstrand K, Douglas GAV, Longbottom C. ICCMS Guide for Practitioners and Educators. Available at: https://www.icdas.org/uploads/ICCMS-Guide_Full_Guide_US.pdf. Accessed April 13, 2015.)

^{‡ &}quot;Cervical and root" includes any smooth surface lesion above or below the anatomical crown that is accessible through direct visual/tactile examination.

[§] Simulated radiographic images.

E0-E2, D1-D3 notation system.33

[#] RO, RA1-RA3, RB4, and RC5-RC6 ICCMS radiographic scoring system (RC6 = into pulp). (Pitts NB, Ismail AI, Martignon S, Ekstrand K, Douglas GAV, Longbottom C. ICCMS Guide for Practitioners and Educators. Available at: https://www.icdas.org/uploads/ICCMS-Guide_Full_Guide_US.pdf. Accessed April 13, 2015.)

Tests, labs, and/or measurements

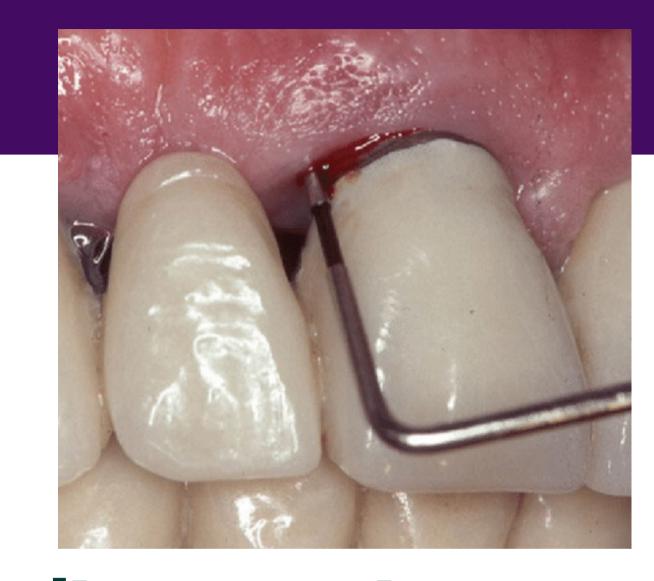


Lifestyle changes

Medications

Surgical or procedural interventions

Goal Setting



SMART Goals

- Improved labs & diagnostics
- Improvement on physical exam
- Improvement of symptoms

Lifestyle Changes

- Diet
 - o pH
 - Sugar consumption
 - Inflammatory foods
- Home Care
 - Biofilm removal
 - Interdental aids
- EDUCATION!!!



Medications

- Oral rinses
- Probiotics
- Antibiotics
- Antimicrobials
- Fluoride varnish
- Silver diamine fluoride





Surgical or Procedural Interventions

- Giving patient treatment OPTIONS
- Tracking outcomes of interventions
- Prioritizing minimally invasive approaches
- Interprofessional care to treat underlying disease process



Ongoing education

Routine visits

Periodic labs and tests

 Interdisciplinary team approach

Updates to diagnosis

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CASE STUDY

Man Wai Ng, Zameera Fida, Dental Hygienist–Led Chronic Disease Management System to Control Early Childhood Caries, Journal of Evidence Based Dental Practice, Volume 16, Supplement, 2016, Pages 20-33.



Figure 2. ECC chronic disease management clinical protocol*.

_	Caries risk	Performed in full or abbreviated format during each visit
معقد معقد	assessment	Children who have at least one tooth with demineralization or cavitation lesion is an
Carles leston		ECC patient
Carries risk tooth surface assessment and activity	Effective	With permission, explain the caries process to parent; and use structured
assessment.	communication	communication strategies such as
		Fixing the cavities does not fix the problem
Self-management Effective		Without a change in diet and home care, new cavities and broken filling will
Remineralization goals communication		result
	Calf management	Change is hard and won't happen over night
	Self-management	Engage and coach parent to select one or two goals to work on until the next visit
Recare intervals based on carries risk carries risk clinical needs and	goal setting	 Goals may include more frequent tooth brushing, topical fluoride use and specific diet modification strategies
caries risk clinical needs and caregiver's or patient's desires	Caries charting	Use a charting system, such as ICDAS or ADA Caries charting system to:
	curies charting	Document caries by tooth, surface and activity
		Monitor disease improvement or progression
	Fluorides and other	Topical fluorides, including over-the-counter toothpaste, stannous fluoride, xylitol,
	remineralization	and/or calcium phosphate products can be offered
	strategies	
	Restorative	 Full range of treatment options can be presented based on each patient's needs and
	treatment	parent's desires, including
		Conventional treatment (incl. use of pharmacologic management)
		o Interim therapeutic restorations for caries control and sealants
	Risk-based recare	Patients are recommended to return in:
	intervals	1-3 months (if high risk)
		3-6 months (if moderate risk)
		6-12 months (if low risk) A the second (discount risk)
*DentaQuest Institute		At the recare/disease management visit, perform:
		Caries risk assessment Solf management goal setting
		Self-management goal setting Evam and charting
		Exam and charting X-rays if indicated
		Fluoride varnish
		* TRATING VOLUME

Table 1. ECC risk-based chronic disease management protocol.

Existing risk category	New clinical findings	Fluoride varnish interval	Sample self- management goals	Restorative treatment	CDM return interval	Other
Low	 No disease indicators of caries; or Completely remineralized (arrested) carious lesions 	6-12 mo	 Twice daily brushing with F toothpaste^a Stannous fluoride^b on cavitated lesions 		6-12 mo	
Moderate	 No disease indicators^c but has risk factors^d; and/or inadequate protective factors^e Disease indicators present with some remineralization 	3-6 mo	 Twice or more daily brushing with F toothpaste Stannous fluoride on cavitated lesions Dietary changes 	 Sealants ITR Conventional restorative 	3-6 mo	 Xylitol gum or candies or wipes Calcium phosphate paste
High	 Active caries (disease indicators present) No remineralization occurring Heavy plaque 	I-3 mo	 Twice or more daily brushing with F toothpaste Stannous fluoride on cavitated lesions Dietary changes 	SealantsConventional restorative	I-3 mo	 Xylitol gum or candies Calcium phosphate paste

ITR, interim therapeutic restoration; GA, general anesthesia.

^aBrush with a smear of 1000-ppm F toothpaste.

^bApply a smear of 1000-ppm stannous fluoride to cavitated lesions.

^c Examples of disease indicators include demineralization, cavitated lesions, existing restorations, enamel defects, deep pits and fissures.

^d Examples of risk factors include patient/maternal/family history of decay, plaque on teeth, frequent snacks of sugars/cooked starch/sugared beverages.

^e Examples of protective factors include fluoride exposure (topical and/or systemic), xylitol.

2 sites, 30 months

Table 2. ECC Collaborative Phase I: comparison of rates of new cavitation, pain, and referral to OR between ECC patients and historical control patients.

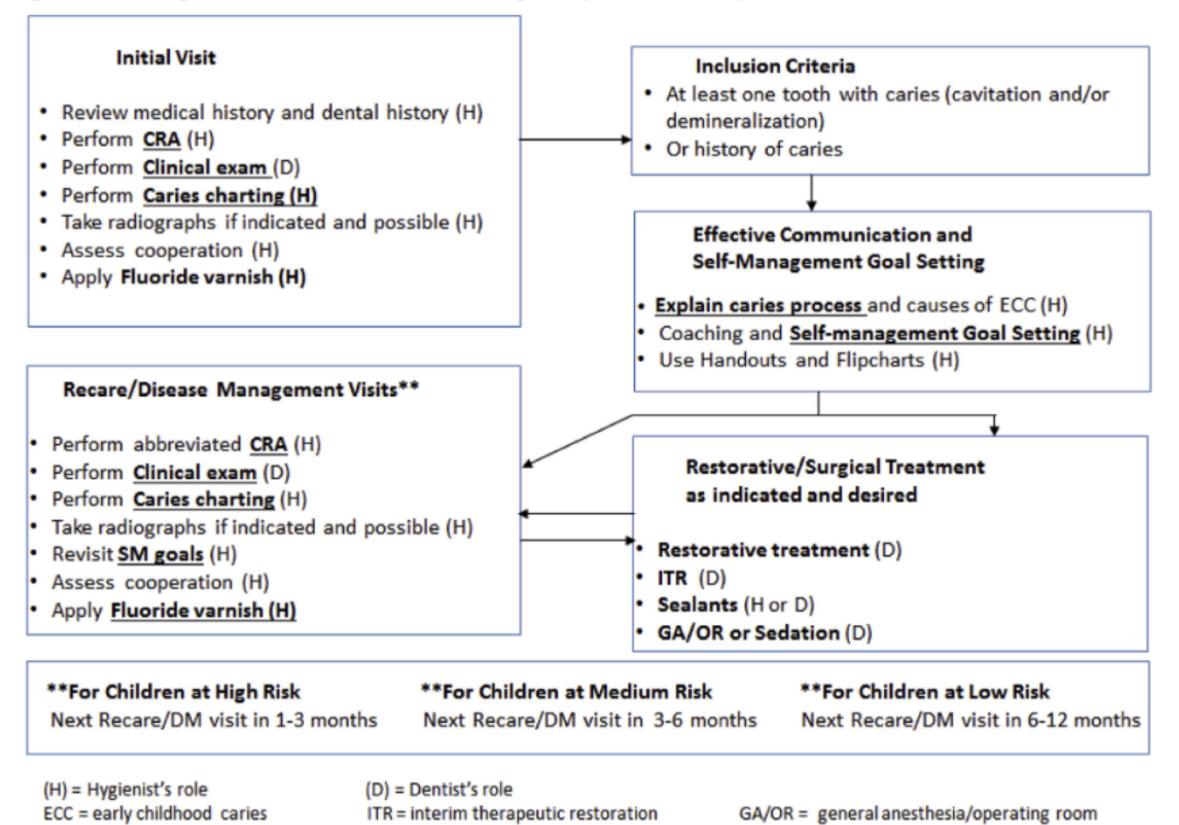
	Boston Children's Hospital			Saint Joseph Hospital		
Outcomes	ECC (n = 403) %	Historical control (n = 129) %	Improvement %	ECC (n = 234) %	Historical control (n = 80) %	Improvement %
New cavitation	26.1	75.2	▼ 65.3	41.0	71.3	▼ 57.5
Pain	13.4	21.7	▼ 38.2	7.3	31.3	▼ 23.3
Referral to OR	10.9	20.9	▼ 47.8	14.9	25.0	▼ 67.8

5 additional sites, 18 months

Table 3. ECC Collaborative Phase II: comparison of rates of new cavitation, pain, and referral to OR between ECC patients and historical control patients.

Outcomes	ECC (n = 344) %	Historical control (n = 316) %	Percentage improvement %	Improvement range %
New cavitation	33	46	▼28	▲ 14- ▼ 71
Pain	8	П	▼ 27	▲80-▼100
Referral to OR	14	22	▼36	0-▼81

Figure 9. Flow diagram of the ECC chronic disease management protocol and the potential roles of dental team members.



CRA = caries risk assessment

DM = disease management

SMGs = self management goals



"The traditional dentist/hygienist/assistant model needs to evolve to focus on systematic risk assessment and behaviorally based management of the disease itself, with sensitivity toward the familial environment."

Man Wai Ng, Zameera Fida, Dental Hygienist-Led Chronic Disease Management System to Control Early Childhood Caries, Journal of Evidence Based Dental Practice, Volume 16, Supplement, 2016, Pages 20-33.

"The health care system is increasingly moving away from volume-driven fee-for-service (FFS) payments and toward valuebased payment (VBP) arrangements to improve quality, enhance both the patient and providers' experience of care, and reduce costs."

Moving Toward Value-Based Payment in Oral Health Care



Most Common **VBP** Models

Pay For Performance

O2 Shared Savings

Bundled Payments

Global or Capitated Payments

We need to move away from procedural reimbursements and focus on patient outcomes!





"When the focus turns to results rather than services (value rather than volume), the oral health care delivery model can change to proactively preventing oral disease rather than one primarily designed around the restorative measures needed to treat disease."

Riley W, Doherty M, Love K. A framework for oral health care value-based payment approaches. J Am Dent Assoc. 2019 Mar;150(3):178-185. doi: 10.1016/j.adaj.2018.10.021. PMID: 30803489.

ICD-9 CM	ICD-10 CM
521.00 Dental caries, unspecified	K02.9 Dental caries, unspecified
521.01 Dental caries, limited to enamel	K02.51 Dental caries on pit and fissure surface, limited to enamel K02.61 Dental caries on smooth surface, limited to enamel
521.02 Dental caries extending into dentin	K02.52 Dental caries on pit and fissure surface, penetrating into dentin K02.62 Dental caries on smooth surface penetrating into dentin
521.03 Dental caries extending into pulp	K02.53 Dental caries on pit and fissure surface, penetrating into pulp K02.63 Dental caries on smooth surface penetrating into pulp.

Tabular Modifications

Revise

M35 Other systemic involvement of connective tissue

Revise	M35.0	Sicca syndrome [Sjogren] Sjogren syndrome
	Add	Sicca syndrome
	Add	Excludes1: Dry mouth, unspecified (R68.2)
Revise	M35.00	Sicca Sjogren syndrome, unspecified
Revise	M35.01	Sicca Sjogren syndrome with keratoconjunctivitis
Revise	M35.02	Sicca Sjogren syndrome with lung involvement
Revise	M35.03	Sicca Sjogren syndrome with myopathy
Revise	M35.04	Sicca Sjogren syndrome with tubulo-interstitial
		nephropathy
New code	M35.05	Sjogren syndrome with inflammatory arthritis
New code	M35.06	Sjogren syndrome with peripheral nervous system
		involvement
New code	M35.07	Sjogren syndrome with central nervous system
		involvement
New code	M35.08	Sjogren syndrome with gastrointestinal involvement
New code	M35.0A	Sjogren syndrome with glomerular disease
New code	M35.0B	Sjogren syndrome with vasculitis
New code	M35.0C	Sjogren syndrome with dental involvement

M35.09 Sicca Sjogren syndrome with other organ involvement

KEY STRATEGIES



Add periodontal disease, caries, and oropharyngeal cancers to the list of chronic conditions



Increase use of ICD 10 codes & proper staging and grading of oral disease to track outcomes



Advocate for oral payment reform, especially when patients have comorbidities

Time to change oral health care.

Let's Connect!



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Resources

Chronic Care Management Booklet

Centers for Medicare and Medicaid Services (CMS) https://www.cms.gov/outreach-and-education/medicare-learning-network-mln/mlnproducts/downloads/chroniccaremanagement.pdf

Dental Codeology Consortium

Find on Facebook or <u>contact Kathy Forbes</u>

Integrative Dental Coaching, Machell Hudson RDH

www.integrativedentalcoaching.com

American Academy for Oral & Systemic Health

www.aaosh.org/

Alternative Payment Methodology Guidebook

Colorado Department of Healthcare Policy & Finance https://hcpf.colorado.gov/sites/hcpf/files/Alternative%20Payment%20Methodology%20Guidebook%202022.2.pdf

Moving Toward Value-Based Payment in Oral Health Care

Center for Healthcare Strategies, Inc.

https://www.chcs.org/media/Moving-Toward-VBP-in-Oral-Health-Care_021021.pdf

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