

Dental (DDS/DMD)

This course aligns with CODA standards for predoctoral dental education by supporting competencies in biomedical sciences, patient assessment, diagnosis, treatment planning, and evidence-based clinical decision-making. Learners assess dental caries as a dynamic, biofilm-mediated disease and apply caries risk assessment to interpret clinical findings and guide treatment planning. Emphasis is placed on risk-based prevention and management, integrating behavioral, environmental, and biological factors, including saliva and the oral microbiome. The course reinforces health promotion and disease prevention within patient-centered care and prepares learners to apply scientific evidence in clinical decision-making.

2-10 Biomedical sciences applied to patient care

2-11 Behavioral and social sciences in patient care

2-19 Patient assessment, diagnosis, and treatment planning

2-21 Health promotion and disease prevention

2-22 Evidence-based patient care

2-23 Patient-centered care

Session	Focus	CODA Standards*	Assessment / Activity Evidence
S1-2	Biomedical foundations of caries	2-10, 2-22	Think-Pair-Share, small-group data analysis, optional role-play explaining caries to a patient
S3	Transmission and ecological dysbiosis	2-10, 2-11	Case discussion on transmission pathways, small group analysis
S4	Risk assessment (indicators, risk, protective factors)	2-19, 2-22	KWL activity, classification of risk factors, guided discussion using CRA tools, co-decision-making reflection
S5	Application of risk assessment (clinical decision-making)	2-19, 2-22, 2-23	Role-play patient-provider scenarios, completion of CRA forms
S6	Risk-based prevention and management	2-21, 2-22	Small-group prevention timeline activity, application of CAMBRA protocols to scenarios, mapping interventions to risk level

S7	Case-based analysis and clinical decision-making	2-19, 2-22, 2-23	Case-based group work, justification of risk level and treatment decisions
S8–9	Microbiome and saliva	2-10, 2-22	S8: Think–Pair–Share, guided case-based discussion on saliva, interpretation of salivary factors S9: Small-group research and presentation on salivary diagnostics, application to patient care decisions
S10	Systemic connections and risk (cardiovascular)	2-10, 2-11, 2-22	Interactive polling (MCQs), case-based discussion linking oral and systemic health, clinical case interpretation
S11	Case-based integration and clinical planning	2-19, 2-21, 2-22, 2-23	Interactive MCQs, case-based discussion, application of prevention strategies to medically complex patients

** CODA standards: Before final submission for accreditation, you should cross-check against the most current CODA standards document for each program type.*

Dental Hygiene

This course aligns with CODA standards for dental hygiene education by supporting competencies in patient assessment, dental hygiene diagnosis, care planning, and preventive services. Learners apply caries risk assessment to inform dental hygiene diagnosis and develop individualized, risk-based prevention strategies. Emphasis is placed on patient education, behavior change, and modifying environmental and biological risk factors, including saliva and oral biofilm. The course supports health promotion and disease prevention and prepares learners to deliver patient-centered, evidence-based care across diverse populations.

2-8 Assessment of patient health status

2-9 Dental hygiene diagnosis and care planning

2-10 Critical thinking and decision-making

2-11 Implementation of preventive and therapeutic services

2-12 Health promotion and disease prevention

2-13 Patient-centered care

Session	Focus	CODA Standards*	Assessment / Activity Evidence
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S1–2	Foundations and disease process	2-8, 2-10	Think–Pair–Share, small-group data analysis, optional role-play explaining caries to a patient
S3	Transmission and behavioral/environmental influences	2-10, 2-12	Case discussion on transmission pathways, small group analysis
S4	Risk assessment and dental hygiene diagnosis	2-8, 2-9	KWL activity, classification of risk factors, guided discussion using CRA tools, co-decision-making reflection
S5	Application of risk assessment in patient care	2-9, 2-10, 2-13	Role-play patient-provider scenarios, completion of CRA forms
S6	Prevention and patient education strategies	2-11, 2-12	Small-group prevention timeline activity, application of CAMBRA protocols to scenarios, mapping interventions to risk level
S7	Case-based clinical application	2-9, 2-10, 2-13	Case-based group work, justification of risk level and treatment decisions
S8–9	Saliva, microbiome, and caries risk	2-8, 2-10	S8: Think–Pair–Share, guided case-based discussion on saliva, interpretation of salivary factors S9: Small-group research and presentation on salivary diagnostics, application to patient care decisions
S10	Systemic health connections and patient management	2-10, 2-12	Interactive polling (MCQs), case-based discussion linking oral and systemic health, clinical case interpretation
S11	Case-based care planning and patient-centered care	2-9, 2-11, 2-13	Interactive MCQs, case-based discussion, application of prevention strategies to medically complex patients

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Dental Therapy

This course aligns with CODA standards for dental therapy education by supporting competencies in patient assessment, risk-based care, prevention, and minimally invasive management of dental caries. Learners assess disease indicators, risk factors, and protective factors to guide clinical decision-making and implement appropriate preventive and therapeutic interventions within the scope of practice. Emphasis is placed on risk-based management, the influence of saliva and the microbiome, and improving access to care for high-risk populations. The course reinforces evidence-based care and health promotion in community and clinical settings.

2-10 Patient assessment and diagnosis

2-11 Treatment planning and clinical decision-making

2-13 Prevention and health promotion

2-14 Provision of clinical care within scope (including minimally invasive care)

2-15 Evidence-based care

Session	Focus	CODA Standards*	Assessment / Activity Evidence
S1-2	Foundations and disease process	2-10, 2-15	Think–Pair–Share, small-group data analysis, optional role-play explaining caries to a patient
S3	Transmission and risk-related factors	2-10, 2-13	Case discussion on transmission pathways, small group analysis
S4	Risk assessment	2-10	KWL activity, classification of risk factors, guided discussion using CRA tools, co-decision-making reflection
S5	Application of risk assessment	2-10, 2-11	Role-play patient-provider scenarios, completion of CRA forms
S6	Prevention strategies within scope	2-13, 2-14	Small-group prevention timeline activity, application of CAMBRA protocols to scenarios, mapping interventions to risk level
S7	Treatment planning and clinical	2-11, 2-14	Case-based group work, justification of risk level and treatment decisions

	application within scope		
S8–9	Biological factors (saliva and microbiome)	2-10, 2-15	S8: Think–Pair–Share, guided case-based discussion on saliva, interpretation of salivary factors S9: Small-group research and presentation on salivary diagnostics, application to patient care decisions
S10	Risk reduction and systemic considerations	2-13, 2-15	Interactive polling (MCQs), case-based discussion linking oral and systemic health, clinical case interpretation
S11	Integrated case management within scope	2-11, 2-14, 2-15	Interactive MCQs, case-based discussion, application of prevention strategies to medically complex patients

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