

# Preliminary ADHP Curriculum Framework

6/6/2005

Course Title	Example of Course Content	Example of Course Objectives	Competencies
Issues in Health Care Delivery	Health Care Delivery Systems and National Health Care Reports	·Understand the implications of various National Health Care Reports in relation to the current oral health care delivery systems and implications for dental hygiene.	
	Access to Care	·Understand current access to care issues. ·Develop innovative solutions to address access to oral care.	
	Financing Care	·Understand the current financing health care structure (FFS, 3rd Party Payors, Fed & State programs & resources). ·Identify the mechanisms for provider reimbursement. ·Identify new avenues for current and future funding sources.	
	Government Regulations, Practice Acts, Rules and Regulations and Accreditation	·Identify and understand how various practice acts, regulatory agencies, and rules and regulations affect practice and delivery system issues. ·Understand the interrelationship among all three groups (Practice Acts, Rules and Regulations and Accreditation). ·Identify the different regulatory agencies. ·Understand the process and requirements of accrediting bodies.	
Professional Development and Leadership	Leadership Theory, Skills, and Opportunities	·Understand and apply leadership theory to various situations. ·Apply the skills necessary for effective leadership. ·Recognize and utilize opportunities as a leader.	
	Negotiating Skills	·Demonstrate the ability to negotiate.	
	Mentoring	·Develop mentoring relationships.	
	Managing Change	·Apply strategies for managing change.	
	Conflict Management	·Utilize effective conflict management skills.	
	Interdisciplinary Team Building	·Understand the role of interdisciplinary team building and various supporting models. ·Demonstrate the ability to create and work collaboratively with interdisciplinary health care teams.	
	Leadership and Management	·Differentiate the skills and behaviors related to leadership and management.	

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Practice Management	Technology	·Demonstrate the ability to evaluate and implement current technologies related to care delivery, office and information management systems.	
	Business/Financial Systems	·Analyze and apply business/financial systems for various practice settings.	
	Third Party Systems	·Understand and utilize third party systems (Private Insurance, Managed care, Fed'l & state programs). ·Demonstrate an understanding of the influence third party systems have on health care delivery.	
	Human Resource Management	·Understand and demonstrate human resource management.	
	Marketing	·Identify and design various internal and external marketing strategies for dental hygiene practice.	
Populations with Special Needs	Underserved Populations	·Evaluate the oral health needs of populations with limited access. ·Develop, implement and monitor dental hygiene care programs for these populations.  ·Manage the oral health care aspects of populations with limited access as part of a comprehensive health care team.	
	Medically Compromised	·Manage the oral health care aspects of medically compromised populations as part of a comprehensive health care team.	
	Children, Adolescents, Adults, Geriatric Populations	·Understand the importance of comprehensive health care related to age specific issues and characteristics.	
	Cultural Diversity	·Understand cultural issues related to specific populations and how these can impact health care, and more specifically prevention, health promotion and treatment related to oral health.  ·Understand how individual provider bias, racial attitudes, and stereotyping impact clinical outcomes of care.  ·Design an individual or community based oral health plan for a culturally diverse population.	
	Program Planning and Assessment	·Design and evaluate an ADHP practice for populations with special needs.	

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Pain Management	Maximum Safe Dose (MSD) and Pharmacology	·Determine the MSD given a patient profile.	
	Anesthetic Administration	·Administer local anesthetic agents based upon understanding the interrelationships between head and neck anatomy, physiology, pharmacology of local anesthetic drugs and human behavior and attitudes.	
	Nitrous Oxide Administration	·Administer and monitor nitrous oxide based upon understanding the interrelationships between physiology, pharmacology and human behavior and attitudes.	
Restorative and Uncomplicated Extractions	Applied Restorative Materials	·Appreciate the limitation and acceptability of a dental material by knowing the physical, chemical and biological properties of the material.	
	Mercury Hygiene	·Understand and demonstrate proper mercury hygiene.	
	Cavity Preparation	·Demonstrate and evaluate all procedures for cavity preparation including placement of rubber dam.	
	Matrix, and Wedge	·Demonstrate and evaluate all procedures for placement and removal of matrix and wedge.	
	Placement of restorative materials and stainless steel crowns	·Select and place appropriate cement base, intermediate base, liner and varnish for all restorations. ·Placement of pins. ·Perform pulpotomies on deciduous teeth. ·Reproduce proper anatomical form for tooth restoration, contact, embrasures and height of contour.	
	ART	·Understand when Atraumatic Restorative Therapy is appropriate and demonstrate competency in using this technique.	
	Temporary Restorations	·Place and finish temporary restorations.	
	Uncomplicated Extractions	·Removal of deciduous and permanent teeth.	
	Emergency Treatment	·Discuss and document the procedures involved in restorative emergency treatment of a patient.	

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Advanced Diagnosis and Medicine	Oral Diagnosis and Treatment Planning	<ul style="list-style-type: none"> <li>·Diagnose, treat, or appropriately refer for hard and soft tissue lesions.</li> <li>·Demonstrate the ability to prepare a comprehensive treatment plan based on assessment and diagnostic findings.</li> <li>·Understand the relationship of systemic conditions and pharmacological agents on the oral cavity and impact on treatment outcomes.</li> </ul>	
	Pharmacology and Prescriptive Privileges	<ul style="list-style-type: none"> <li>·Write prescriptions for commonly prescribed preventive and non narcotic prescription drugs used for dental pain, therapy, prevention and premedication.</li> <li>·Demonstrate an understanding of drug interaction and dosing for commonly used drugs in medicine and dentistry.</li> </ul>	
	Consultation	<ul style="list-style-type: none"> <li>·Initiate consultations for evaluation, treatment and follow up care.</li> </ul>	
	Advanced Cardiac Life Support	<ul style="list-style-type: none"> <li>·Maintain current ACLS certification.</li> </ul>	
Research and Grantsmanship	Research Design	<ul style="list-style-type: none"> <li>·Understand how different research designs are needed for questions related to therapy/prevention, diagnosis, etiology and prognosis, and the levels of evidence that are obtained for clinical decision making.</li> </ul>	
	Information Seeking/Database Searching	<ul style="list-style-type: none"> <li>·Demonstrate the ability to utilize multiple scientific resources for information gathering (PubMed, Cochrane, CINAHL).</li> </ul>	
	Literature Review and Critical Analysis	<ul style="list-style-type: none"> <li>·Demonstrate the ability to review and analyze the literature in addressing a specific problem using CONSORT and QUOROM criteria.</li> </ul>	
	Protocol Development	<ul style="list-style-type: none"> <li>·Demonstrate the ability to design a protocol to answer a research question or test a hypothesis.</li> </ul>	
	Implementation of Findings	<ul style="list-style-type: none"> <li>·Incorporate evidence as appropriate.</li> </ul>	
	Evaluation of Healthcare Outcomes	<ul style="list-style-type: none"> <li>·Evaluate the application of evidence and outcomes.</li> </ul>	
	Scientific Writing	<ul style="list-style-type: none"> <li>·Demonstrate the ability to prepare a scientific manuscript for submission to disseminate findings from the research project.</li> </ul>	
	Grantsmanship	<ul style="list-style-type: none"> <li>·Demonstrate the ability to prepare a proposal to submit for funding.</li> </ul>	

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Community Planning and Externships	Evidence Based Decision Making	<ul style="list-style-type: none"> <li>·Integrate the best research evidence with clinical expertise and patient values when designing treatment modalities for individuals or community based care.</li> <li>·Demonstrate competency in the evaluation of problem solving strategies related to comprehensive care and management of patients.</li> </ul>	
	Community Based Externships	<ul style="list-style-type: none"> <li>·Provide educational, preventive and restorative services to meet the oral health needs of the community based on the best science and availability of resources and services.</li> </ul>	
Health Promotion, Disease Prevention and Epidemiology	Applied Nutrition	<ul style="list-style-type: none"> <li>·Design, implement, and evaluate nutritional interventions as part of a interdisciplinary health care team as they relate to systemic conditions, addictions and disease.</li> </ul>	
	Tobacco Cessation	<ul style="list-style-type: none"> <li>·Design, implement and evaluate a tobacco cessation program as part of an interdisciplinary health care team.</li> </ul>	
	Advanced Preventive Therapies	<ul style="list-style-type: none"> <li>·Use risk assessment data to design, implement and evaluate health promotion and disease prevention programs for specific populations.</li> </ul>	