

Oral Health Care Workforce – Current and Proposed Providers

	Advanced Dental Hygiene Practitioner (ADHP)	Alaskan Dental Health Aide Therapist (DHAT)	Minnesota Dental Therapist /Advanced Dental Therapist (DT/ADT)	Community Dental Health Coordinator (CDHC)
Developed by	American Dental Hygienists' Association www.adha.org/adhp	Alaska Native Tribal Health Consortium (ANTHC) – Community Health Aide Program www.anthc.org	Minnesota State Statute and Rules www.dentalboard.state.mn.us	American Dental Association www.ada.org
Stage of Development	ADHP educational competencies were finalized in 2008. The first educational program based on ADHP competencies began in Fall 2009.	DHAT practice began in Alaska in 2004. The first graduates from the U.S.-based DENTEX program began practice in 2008.	Educational programs for the DT (at the University of Minnesota School of Dentistry) and ADT (at Metropolitan State University) began in Fall 2009.	Curriculum complete and initial educational pilot program began in Winter 2009.
Education/Training	Master's level education at accredited institution; open to individuals currently licensed as dental hygienists who have a Bachelors degree	24 month program administered by ANTHC in partnership with the University of Washington DENTEX program	DT – minimum Baccalaureate degree ADT – Master's degree	Completion of 18 months of training.
Regulation/Licensure	Providers are already state licensed dental hygienists. ADHP is envisioned to be state licensed and regulated.	Providers are certified and regulated by Indian Health Service's Community Health Aide Program	Providers required to hold state license; can be dually licensed as a dental hygienist and administer dental hygiene scope.	Providers envisioned to be certificated; no formal state licensure
Proposed Settings	Community and public health settings, possibly private practice	Remote Alaskan villages	Settings that serve low-income and underserved patients, or are located in designated dental health professional shortage areas.	Community and public health settings
Proposed Supervision	Collaborative arrangement envisioned with strong communication and referral networks; presence of a dentist not required; use of teledentistry.	Remote/general supervision of a dentist; presence of a dentist not required; use of teledentistry	DT – General or indirect supervision depending on service ADT - Collaborative management agreement with dentist, presence of a dentist not required for most services	Onsite or general supervision, depending on service

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Other Relevant Information	ADHA convened an ADHP Task Force, an ADHP Advisory Committee, and sought input from approximately 200 stakeholder groups in developing ADHP competencies.	Formal evaluations of DHAT practice have demonstrated that irreversible dental procedures can be safely and effectively delivered by non-dentists.	Minnesota is the first state to legislate new, mid-level oral health providers, the DT and ADT. A thirteen-member workgroup, comprised of various stakeholders, made recommendations on scope, supervision and education.	The ADA convened an internal workgroup to develop CDHC curriculum
	Several national stakeholders, including the National Rural Health Association and National Rural Education Association, support the ADHP model	Dental therapist models are prevalent in more than 50 counties internationally.	The ADT education program at Metropolitan State University is guided by the ADHP competencies, competencies for the New General Dentist, and requires students to be licensed and actively practicing as a dental hygienist.	The ADA and ADA Foundation have committed nearly \$7 million to fully fund CDHC pilot programs over five years.
	Language in the report accompanying the FY 2006 Labor/HHS Appropriations encourages federal agency support of the ADHP	DHAT providers are often Alaskan Natives who reside or grew up in the remote villages they serve.	The DT program at the University of Minnesota does not require an oral health-based baccalaureate degree or licensure as a dental hygienist for admission to the program.	The University of Oklahoma, UCLA (in conjunction with Salish Kootenai College in Montana) and Temple University in Philadelphia are CDHC pilot sites.
	Metropolitan State University is the first education program to begin guided by ADHP competencies. Eastern Washington University and the University of Bridgeport Fones School of Dental Hygiene have formal commitments to begin ADHP programs.	The Kellogg Foundation began a comprehensive two-year study to evaluate effectiveness in 2008.	Initial graduates of DT/ADT programs are anticipated to enter the workforce in mid-2011.	CDHC trainees are recruited from the communities the provider is intended to serve.

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Preventive Scope	<ul style="list-style-type: none"> - Oral health and nutrition education - Full range of dental hygiene preventive services, including complete prophylaxis, sealant placement, fluoride treatments, caries risk assessment, oral cancer screenings - Expose radiographs - Advanced disease prevention and management therapies (e.g. chemotherapeutics) 	<ul style="list-style-type: none"> - Oral health and nutrition education - Sealant placement - Fluoride treatments - Coronal polishing - Prophylaxis - Expose radiographs 	<ul style="list-style-type: none"> - Oral health and nutrition education - Sealant placement - Fluoride varnishes - Coronal polishing - Oral cancer screenings - Caries risk assessment - Expose radiographs 	<ul style="list-style-type: none"> - Oral health and nutrition education - Sealant placement - Fluoride treatments - Coronal polishing - Scaling for Type I Periodontal patients - Collection of diagnostic data
Periodontal Scope	<ul style="list-style-type: none"> -Provide non-surgical periodontal therapy. 	<ul style="list-style-type: none"> -Provide non-surgical periodontal therapy 	N/A	N/A
Restorative Scope	<ul style="list-style-type: none"> - Preparation and restoration of primary and permanent teeth -Placement of temporary restorations - Placement of pre-formed crowns -Temporary recementation of restorations -Pulp capping in primary and permanent teeth -Pulpotomies on primary teeth - Uncomplicated extractions of primary and permanent teeth -Place and remove sutures -Provide simple repairs and adjustments on removable prosthetic appliances 	<ul style="list-style-type: none"> - Restorations of primary and permanent teeth - Placement of pre-formed crowns - Pulpotomies - Non-surgical extractions of primary and permanent teeth 	<ul style="list-style-type: none"> - Restorations of primary and permanent teeth - Placement of pre-formed crowns - Placement of temporary crowns - Extractions of primary teeth - Nonsurgical extractions of permanent teeth (ADT only) - Direct /Indirect Pulp Capping - Pulpotomies on primary teeth - Atraumatic restorative therapy 	<ul style="list-style-type: none"> - Palliative temporization (with hand instrumentation only) - Placement of temporary restorations
Additional Competencies	<ul style="list-style-type: none"> - Local anesthesia and nitrous oxide administration - Diagnosis within scope of practice - Limited prescriptive authority (for 	<ul style="list-style-type: none"> - Local anesthesia administration - Patient referral 	<ul style="list-style-type: none"> - Local anesthesia nitrous oxide administration - Dispense analgesics, anti-inflammatories, and 	<ul style="list-style-type: none"> - Development and implementation of community-based oral health programs

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	<p>prevention, infection control and pain management)</p> <ul style="list-style-type: none"> - Triage - Case management - Healthcare policy and advocacy -Health promotion for individuals, families, communities - Patient referral 	<p>antibiotics</p> <ul style="list-style-type: none"> - Provide, dispense, administer analgesics, anti-inflammatories, and antibiotics (ADT only) - Assessment and treatment planning as authorized by collaborating dentist (ADT only) - Repair of defective prosthetic devices - Placement and removal of space maintainers - Stabilization of reimplanted teeth 	<ul style="list-style-type: none"> - Case coordination - Administrative/office management procedures - Triage
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