

Wisconsin Non-traumatic Dental Pain (NTDP) Models

Planning with Wisconsin Advisory Group

- Division of Public Health
 - Oral Health Program, including state dental director
 - Opioid Harm Prevention Program
- Medicaid
- Wisconsin Hospital Association – Quality Assurance
- Technical Assistance: Blacktooth, Inc. (dentists and dental hygienist)

Model in Dane County

Type of Community	Health Care Organizations	Dental Partners	Lead/ Community Dental Care Coordination (CDCC)
Large urban area (546,695)	4 Hospitals 3 Urgent Care Centers	<ul style="list-style-type: none"> • Safety net dental clinic • FQHC dental clinic • Private dentists • Local dental society 	Lead: Local health department CDCC: Safety net dental clinic

Outcomes in Dane County

Began implementation: 2015

- *Between 2015 – 2019: over 600 referrals to CDCC from ED/UCC*
- Repeat dental pain visits have shown a decline since 2016 in all participating hospital EDs and urgent care centers (UCCs).
- The number of ED visits for dental pain has been cut by more than half since 2014, dropping from 2,405 to 1,123 visits in 2018.
- There is also a similar drop in Urgent Care visits.
- The combination of this initiative, continued collaboration, and an increase in local dental resources may have contributed to this positive outcome.

Model in La Crosse County

Type of Community	Health Care Organizations	Dental Partners	Lead/ Community Dental Care Coordination (CDCC)
Small urban and rural area (51,666)	2 Hospitals 2 Urgent Care Centers 1 Neighborhood Clinic	<ul style="list-style-type: none">• 2 FQHC dental clinics• Private dentists• Local dental society	Lead: Local health department CDCC: Local health department

Status of La Crosse Program

Began implementation: Fall 2019

- In 2021, Community Dental Care Coordinators received **615** calls from patients referred from the participating health care organizations.
 - 550 referrals made to community-based dental care
 - Of the 550 referred, 356 (65%) were seen by a DDS or FQHC
- There was an increase in the number of local anesthetics given for dental pain.
- On 3/9, Gundersen Health System - Family Medicine trained

Model in Rural Northwest Wisconsin Polk and Barron Counties

Type of Community	Health Care Organizations	Dental Partners	Lead/ Community Dental Care Coordination (CDCC)
Rural area (2 counties) (44,977 + 46,711)	2 Critical Access Hospitals	<ul style="list-style-type: none">• FQHC dental clinics (2)• Private dentists• Local dental society	Lead and CDCC: United Way and 211 Call Center

Status of Polk/Barron County

Began implementation: November 2021

- ED staff trained at both hospitals
 - Cumberland (7/21); Amery (3/22)
- Launched in Cumberland first (11/21)
 - Worked out kinks for referral
- Amery to Launch March 2022

Model in Green Bay – Brown County

Type of Community	Health Care Organizations	Dental Partners	Lead/ Community Dental Care Coordination (CDCC)
Urban area (GB – 107,395; Brown Co – 264,542)	4 Hospitals	<ul style="list-style-type: none">• FQHC dental clinic• Safety Net Clinic• Private dentists• Oral Health Coalition	Lead and CDCC: FCHC Dental Clinic

Status of Green Bay

Discussions began: February 2022

- Presentation scheduled at meeting between dental care community and hospitals (existing oral health access partnership) – April 2022
- Presentation at ADA Dental component – May 2022
- Partner meeting (algorithm review, draft referral mechanism) – May 2022
- Training of hospital staff – June 2022
- Hoping to launch – September 2022