

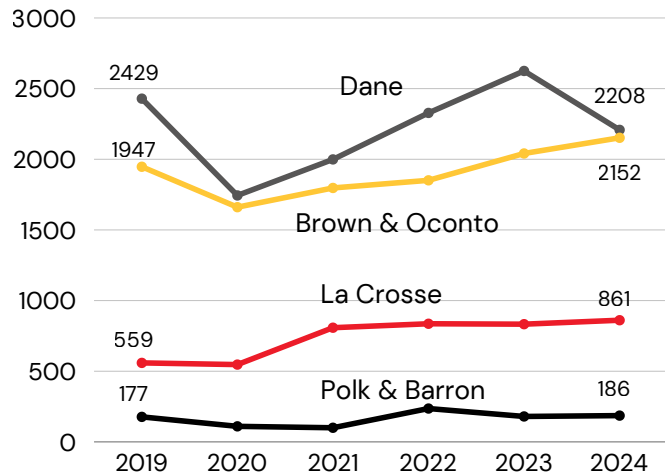


WISCONSIN DENTAL PAIN PROTOCOL

The Wisconsin Dental Pain Protocol (WDPP) provides the evidence-based diagnosis, treatment, and care management of oral pain and infection necessary to improve patient outcomes and prevent a return to the ED for recurrent dental infection and pain. It was developed in Dane County, WI among health systems, public health, and community organizations.

Four sites have implemented the WDPP, including Dane County, La Crosse County, Polk/Barron County, and Brown/Oconto County. La Crosse and Brown/Oconto have ongoing evaluation activities.

Even among prior and current project sites, **ED visits for non-traumatic dental pain (NTDP) are an issue.**



Source: Wisconsin Hospital Association

WDPP Model & Results

The WDPP hands-on trainings teach emergency providers dental anesthesia techniques. WDPP "Badger Boxes" keep EDs prepared for opioid-free treatment of non-traumatic dental pain (NTDP).

Total Providers Trained

270

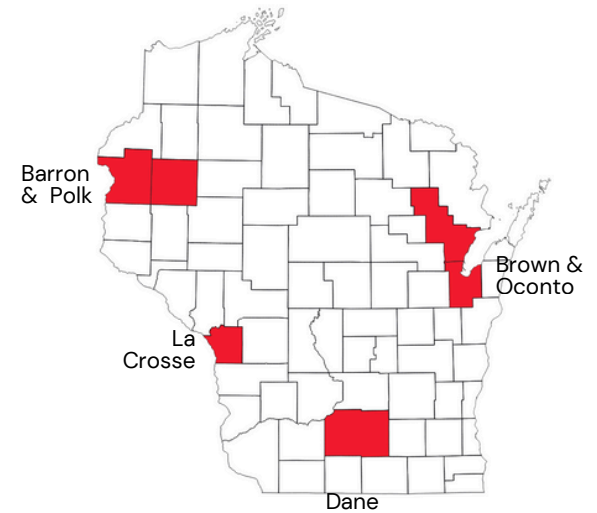
2021-2025

Involved Agencies & Systems

27

2021-2025

Project Site Counties



With WDPP, patients at the ED with NTDP receive three things:

In the past, sites might prescribe opioids for NTDP and provide the patient with an outdated list of nearby dentists. There would be no follow-up to ensure that patients received definitive care for their underlying dental issue. However, sites now implement the clinical algorithm and have built partnerships that increase the likelihood of definitive care.

ED Provider

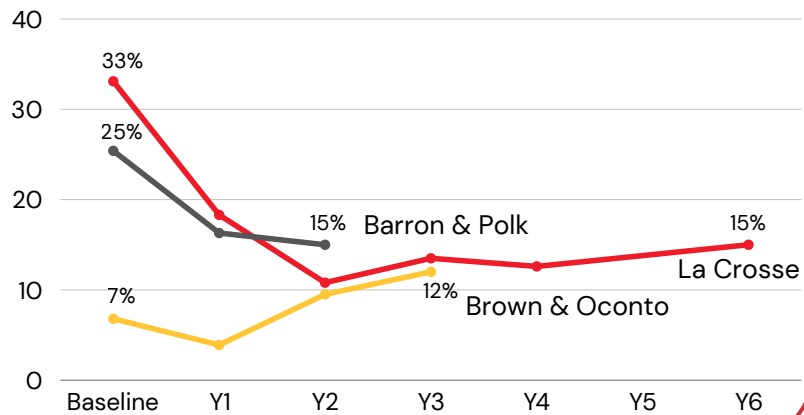
Assesses urgency & rules out emergent conditions

Controls pain via local anesthetic injection or non-opioid medicine

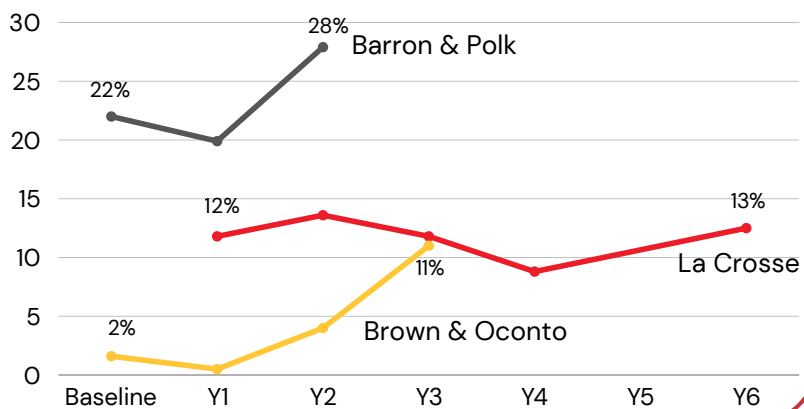
Connects patient to Community Dental Care/Coordinator

Sites show progress toward controlling pain through the use of non-opioid medicine and the delivery of local-anesthetic injections, or dental blocks.

The % of visits prescribed an opioid for NTDP declines with longer implementation.

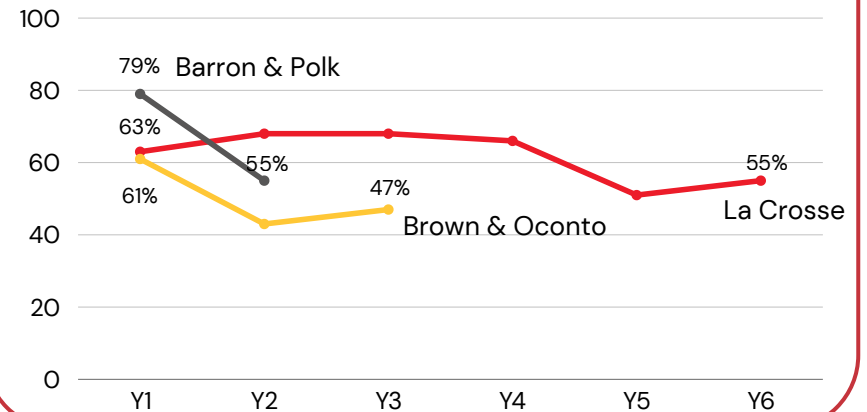


The % of visits given a local anesthetic for NTDP has varying outcomes due to patient preference and provider confidence.



Community Dental Care Coordinators, which are located at various community organizations, are one of the critical pieces to ensuring patients receive definitive care and decreasing repeat visits to the ED.

The % of program-referred patients who receive definitive dental care is around 50%. Yet, many patients are part of a hard-to-reach population.



The % of repeat visits for NTDP may begin to decline, as expected with longer implementation.

