St. Elizabeth Youngstown Hospital

Dental GPR Program

BON SECOURS MERCY HEALTH

OHIO IS IN A DENTAL EMERGENCY

- Oral Health is the #1 unmet health care need of Ohioans.
- Dental visits are the #1 cause of Level I and Level II visits within hospital emergency departments.
- 57% of Ohio dentists are 50 years old or older.
- 11,000 dentists are needed nationally.
- 627 dentists are needed in Ohio alone by 2025 to meet the growing need.

Dental Health Professional Shortage Areas

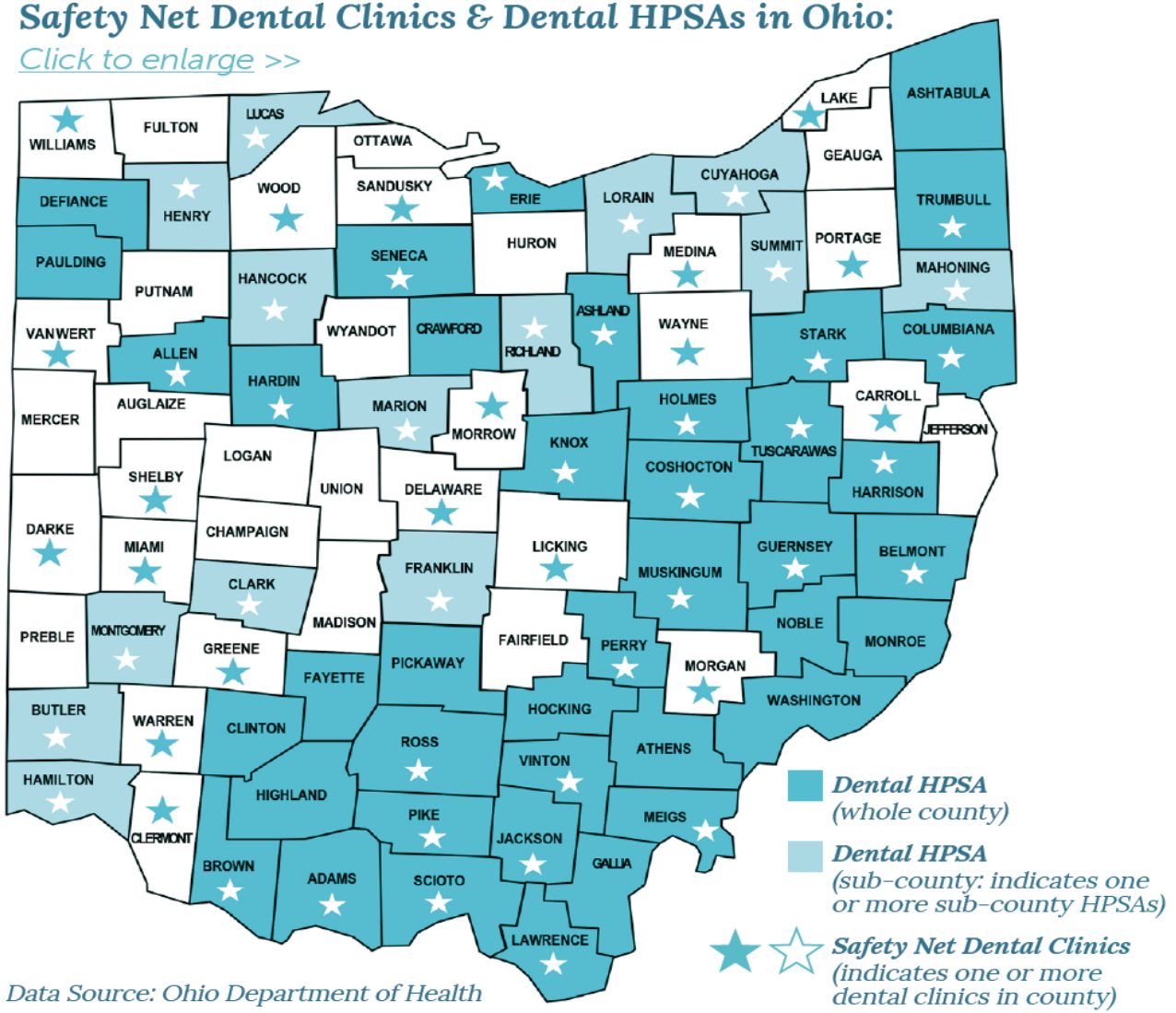
Ohio has a shortage of dental providers who accept Medicaid, which significantly impacts oral health outcomes in Ohio.

- Approximately 30% of licensed Ohio dentists are Medicaid providers.
- Only 14% of licensed Ohio dentists treat a significant number of Medicaid consumers (submitted claims for 250 or more consumers).

There are 10 state-designated dental health resource shortage areas and 149 federally designated dental HPSAs in Ohio. All of these areas need at least one additional dentist to meet federal or state guidelines for minimally acceptable population to dentist ratios.

Safety Net Dental Clinics & Dental HPSAs in Ohio:

Click to enlarge >>



Data Source: Ohio Department of Health

Use of Ohio Hospital Emergency Departments for Oral Health Problems, 2016-2019

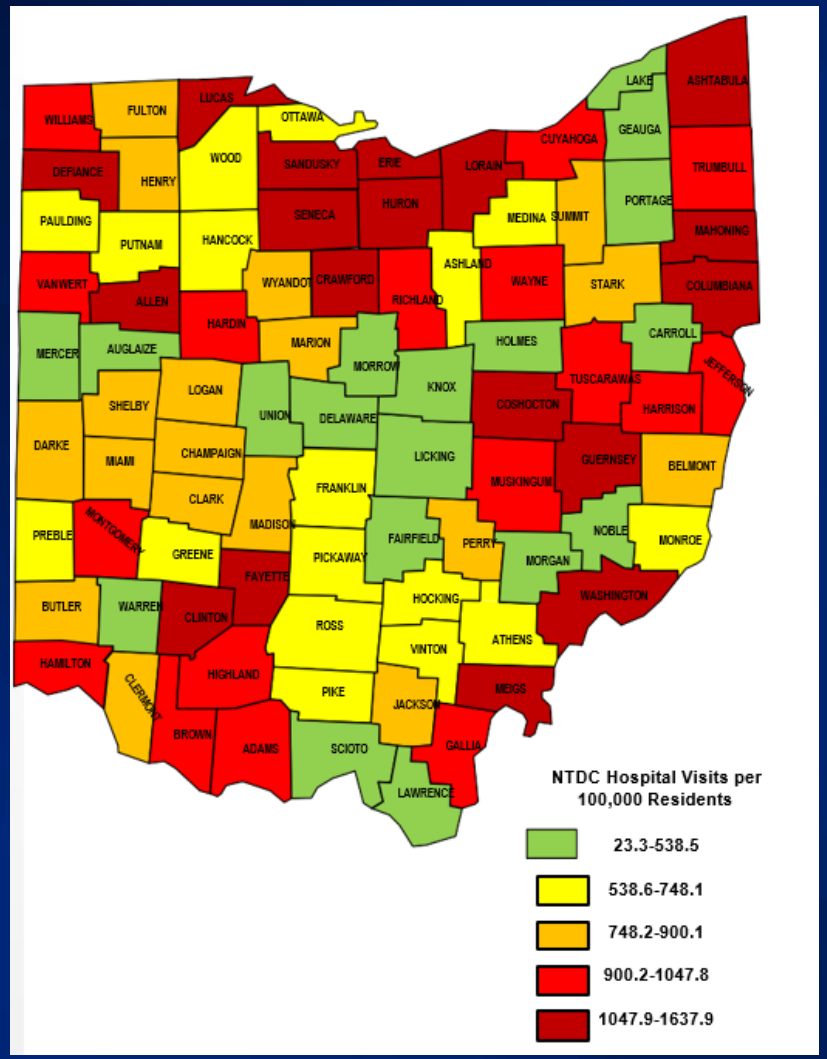


Figure 1: Rate of ED Visits by County, 2016-2019

County of Residence

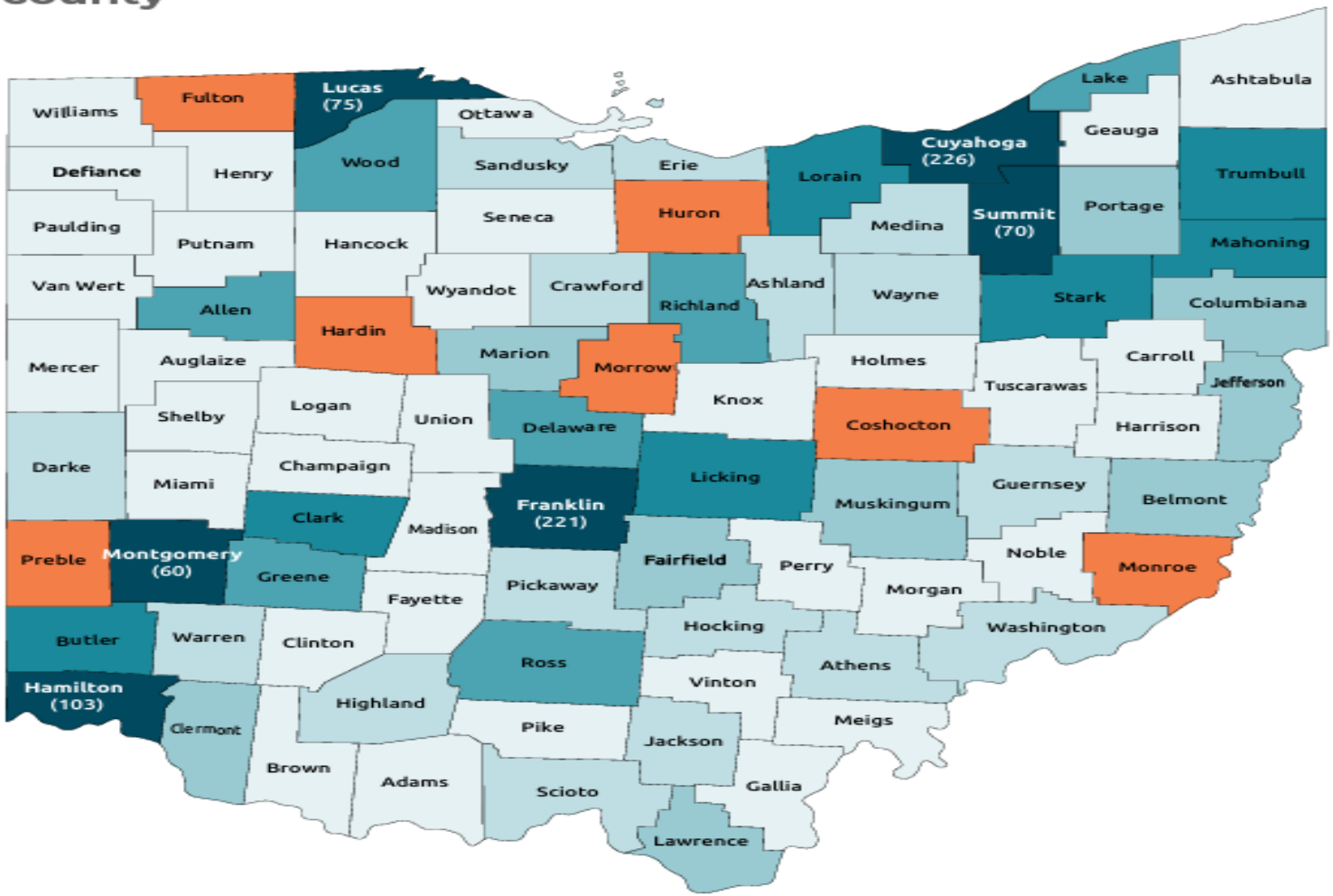
Rates of hospital ED visits for NTDCs varied significantly by county of residence (Figure 4). Of the 18 counties with the highest rates, 17 were in rural or partially rural counties, and seven of them were in Appalachia. Higher ED visit rates also occurred in a pocket of counties in the north-central area of the state, and four urban counties (Cuyahoga, Hamilton, Lucas, and Montgomery) had an ED visit rate that exceeded the state rate. Appendix A provides a list of all counties in Ohio and their rate of ED visits for NTDCs.

ED Visits by Insurance

More than one half of all NTDC-related hospital visits were by Medicaid-insured patients during this period. Of the 391,223 hospital visits with a primary diagnosis for a NTDC between 2016 and 2019, the largest percentage were paid for by Medicaid (54%), followed by persons who were uninsured and paid out-of-pocket (18%); together these sources of payment covered seven in 10 persons who visited the ED for a NTDC. Coverage by private insurance (16%), Medicare (10%) and other coverage (2%) accounted for the remaining sources of insurance coverage (Figure 5).

DENTAL SHORTAGES IN OHIO

Figure 9. **Dentists who billed at least 100 services to Medicaid in 2021, by county**



Total number of dentists

- 60-226
- 21-39
- 16-18
- 11-15
- 6-10
- 1-5
- 0

Notes:

1. It is common for a patient to receive multiple services in one dental visit.
2. This data includes specialists, which may give a false impression of access to primary dental care.
3. Depending on how they bill Medicaid, some "providers" in this data represent groups of providers. Of the 1,396 dentists represented in this map, 11 are dental group practices; service counts for groups will likely be higher than that of an individual dentist. The dental group practices are in the following counties: Clark, Cuyahoga, Franklin (2), Hamilton, Lake, Lawrence, Lucas (2), Stark and Trumbull.
4. There were 26 out-of-state dentists with at least 100 dental services billed to Medicaid in 2021 that are not represented in this map.
5. Service numbers in 2021 may have been lower than usual due to COVID-19.

Source: Ohio Department of Medicaid

MERCY HEALTH PLATFORMS – *Venues of Care*

MERCY ORAL HEALTH PLATFORMS – *Venues of Care*

- Youngstown Medical Office Building Dental Clinic
- Inpatient consults and dental clearance clinics
- 24/7 emergency department dental coverage
- Operating room dental services
- Mobile van services

YOUNGSTOWN MEDICAL OFFICE BUILDING- *Dental Clinic*

- 8 fixed dental operatories

INPATIENT CONSULTS & DENTAL CLEARANCE CLINICS

- CV value Clinic
- RAD / ONC Clinic
- Bariatric Surgery Clinic
- MAT / MOUD Clinic
- Centering Pregnancy Clinic

CENTERING PREGNANCY CLINIC

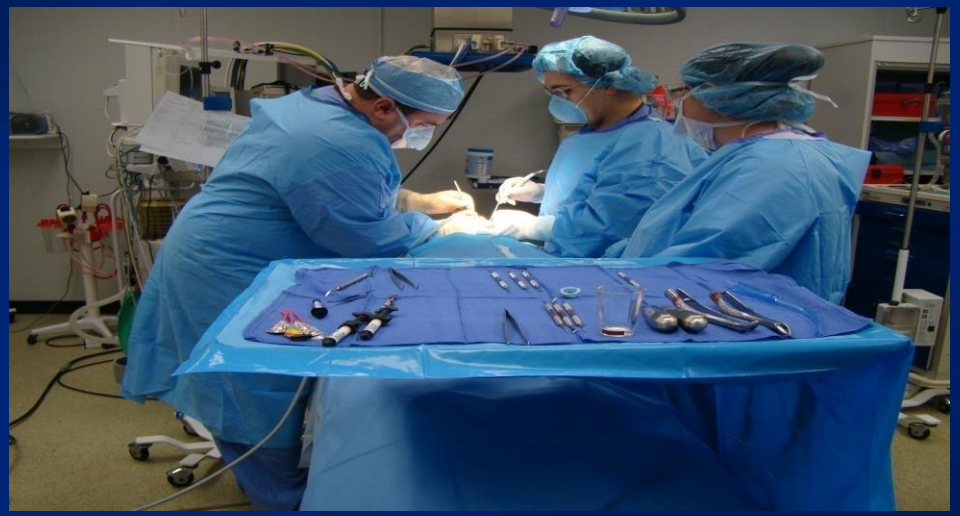
- Infant mortality and low term birth rate
- Dental disease is infectious, contagious, and transmissible
- Dental health of a child is directly related to dental health of mother
- Development and implementation of oral health education model
- Development and implementation of dedicated pregnancy clinic providing preventative and definitive dental care to expectant mothers

24/7 EMERGENCY DEPARTMENT DENTAL COVERAGE

- #1 utilization of ED for Level I and Level II non-emergent services is for dental
- Serve as the only ED safety net

OPERATING ROOM DENTAL SERVICES

- Dedicated pediatric anesthesia team
- Dedicated pediatric dentistry OR - trained dental assistants
- Special needs, IDD, ASD, OR dental clinic
- Medically compromised patients



MOBILE DENTAL VAN SERVICES

- Mercy Health is dedicated to improving the health of the communities we serve by providing comprehensive health care to people who do not have doctors or who are not currently accessing the health care system.
- The KIKEL Smile Stations are staffed by a team of dentists, dental hygienists and dental assistants.
- A comprehensive scope of dental services are provided
  - Oral exams
  - Teeth cleaning
  - Dental x-rays
  - Dental sealants
  - Dental restorations
  - Dental extractions
  - Oral hygiene instruction
  - Oral cancer screenings
  - Direct linkage referrals to clinic, OR
- Mobile Dental Vans also participate in numerous community Health Fairs and Special Olympics providing educational services and providing oral hygiene kits.


KIKEL
DENTAL CLINIC
MIGHTY SMILES... MILE AFTER MILE


KIKEL
MERCYHEALTH


KIKEL MOBILE DENTAL CLINIC
MERCYHEALTH

RURAL ORAL HEALTH ROTATION

VETERANS DENTAL SERVICES

SCHOOL – BASED DENTAL SERVICES

- **Educational**
  - All students
  - Provision of care for unmet dental needs
  - Increased utilization of dental services in the private sector.
- **Preventative Services**
  - Complete exams, dental x-rays
  - Dental cleanings
  - Dental sealants
  - Fluoride varnish

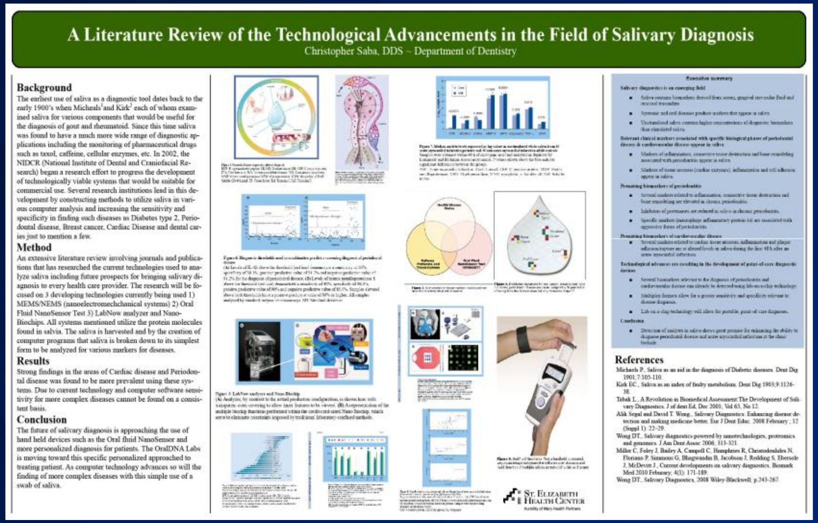
COLLABORATIVE TRAINING PROGRAMS

- YSU School of Dental Hygiene (RDH)
- YSU Expanded Function Duties Auxiliary (EFDA)
- Choffin School of Certified Dental Assisting (CDA)
- CWRU Expanded Function Duties Auxiliary (EFDA)
- OSU College of Dentistry – *OHIO Project*
- University of Pittsburgh School of Dental Medicine – *SCOPE Project*
- NEOMED M-3 Oral Medicine Clerkship rotation
- NEOMED Bitonte College of Dentistry D3 or D4 rotations

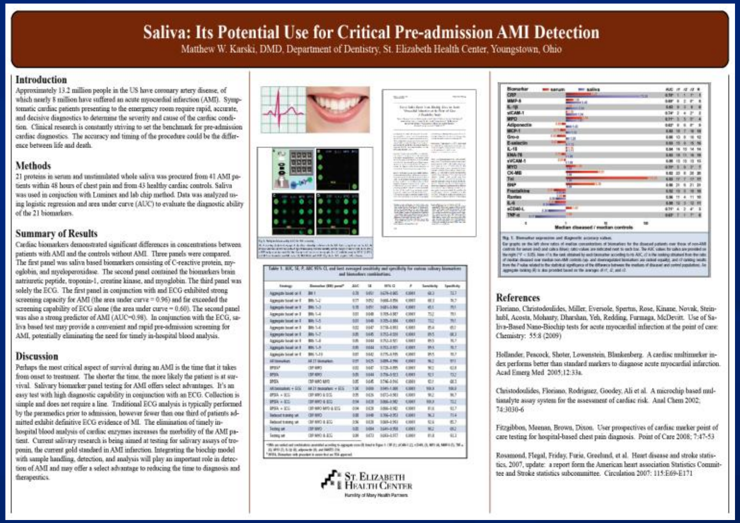
RESEARCH PROJECTS

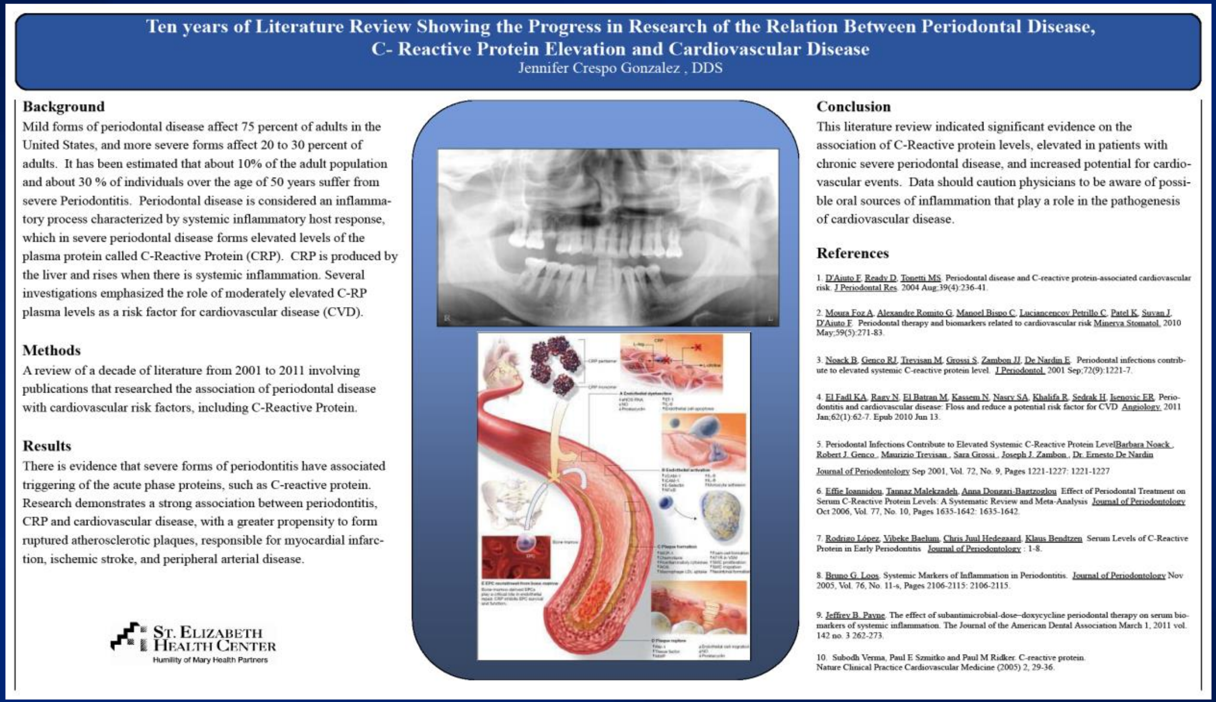
RESEARCH PROJECTS – *Dental Residents*

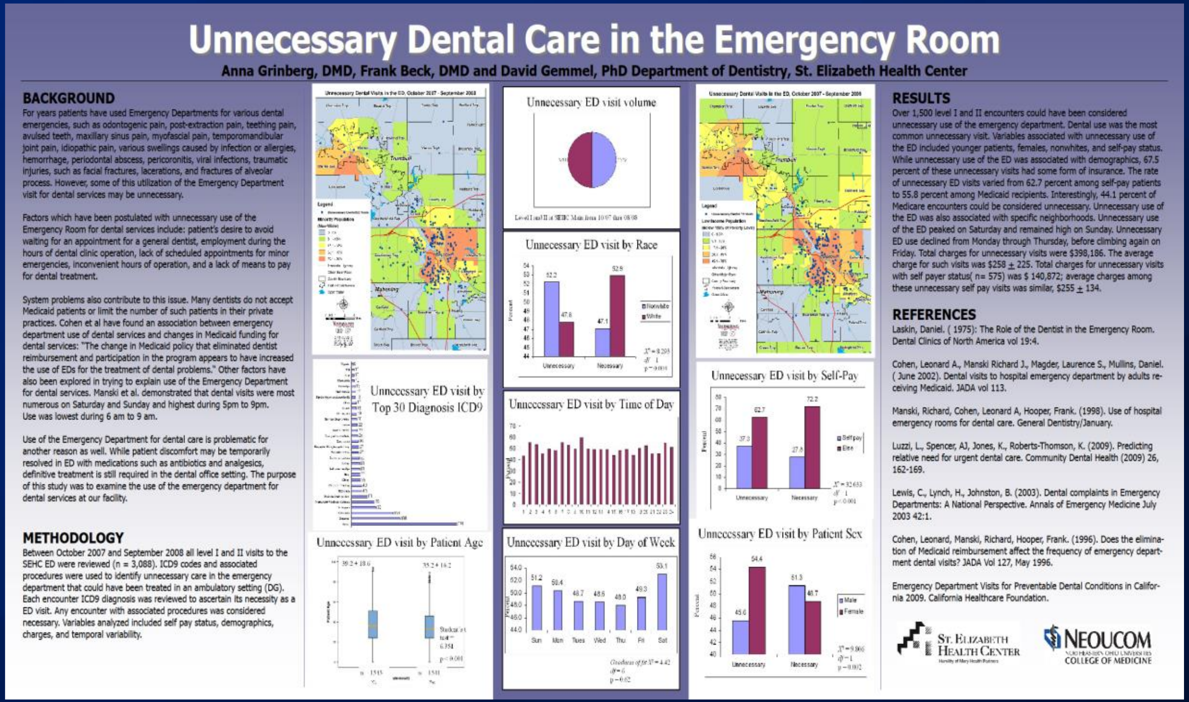
- Prevalence of structural Cardiac Disease Requiring Bacterial Endocarditis Prophylaxis among Dental Patients
- The Measurement of Fluoride Levels in Well Water
- ADHD and Pediatric Obstructive Sleep Apnea
- Dental Implications of MAT/ MOUD Therapy


A Literature Review of the Technological Advancements in the Field of Salivary Diagnosis
Christopher Saba, DDS – Department of Dentistry


Contemporary Management of Anticoagulated Oral Surgical Patients


Saliva: Its Potential Use for Critical Pre-admission AMI Detection
Matthew W. Karski, DMD, Department of Dentistry, St. Elizabeth Health Center, Youngstown, Ohio


Ten years of Literature Review Showing the Progress in Research of the Relation Between Periodontal Disease, C- Reactive Protein Elevation and Cardiovascular Disease
Jennifer Crespo Gonzalez , DDS


Unnecessary Dental Care in the Emergency Room
Anna Grinberg, DMD, Frank Beck, DMD and David Gemmel, PhD Department of Dentistry, St. Elizabeth Health Center

RESEARCH PROJECTS – *Dental Faculty*

- Emergency Department Diversion of NEDCs (2013)
- Reducing Opioid Dependance (2018)
  - Definitive Care Concept
  - Dental Pain Management Curriculum
  - SBIRT Introduction & Implementation