

Comprehensive Dental Care of an HIV+ Population in Miami Dade County, Florida



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PURPOSE

To present a comprehensive dental care service for an HIV+ population.

BACKGROUND

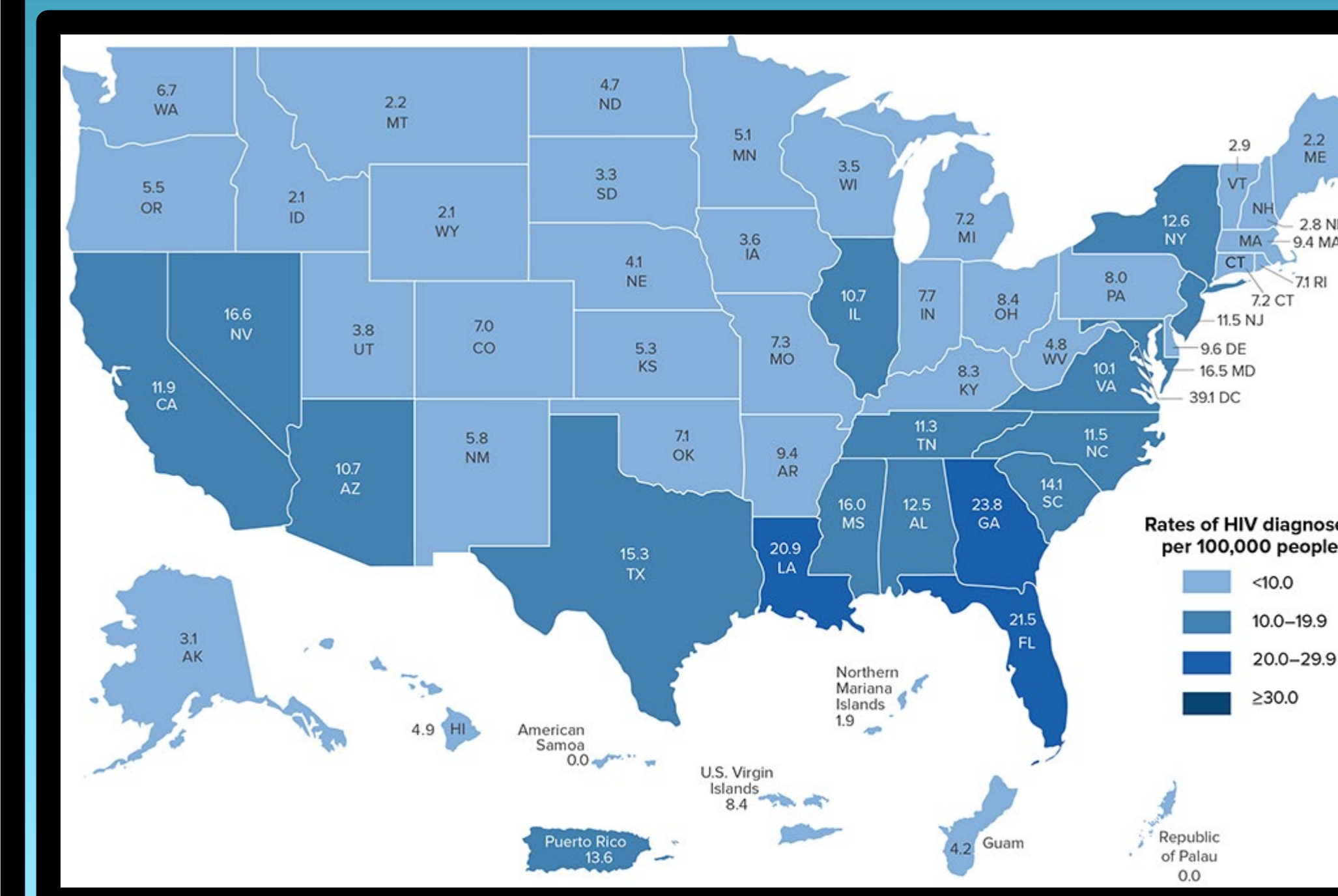
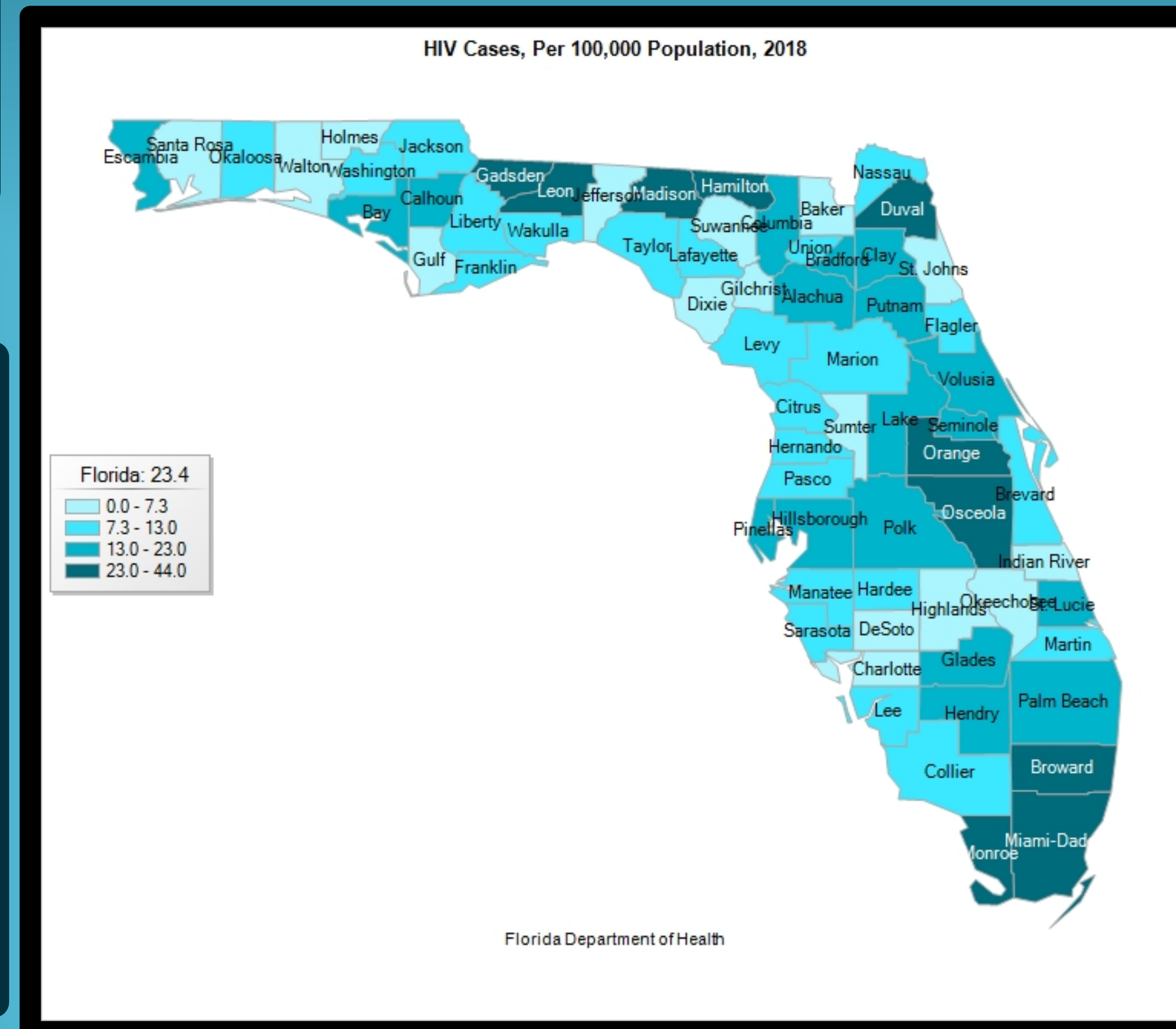
Jackson Memorial Hospital is the third-largest public hospital and third-largest teaching hospital in the United States. Jackson Memorial Health System (JMHS), in conjunction with the University of Miami General Dentistry Residency and Oral & Maxillofacial Surgery Programs, has provided dental care to HIV+ patients through the Ryan White Program for the last 29 years.

HIV IN MIAMI/FLORIDA

More than 115,000 people in Florida live with HIV (2018 CDC data), this is more than 12% of all cases in the United States. The state ranks third for newly HIV diagnosed infections. Four of the top ten cities with the highest newly HIV diagnosed infections are in Florida. According to the CDC, in 2017 Miami Dade County had the highest annual rate of newly diagnosed infections (42.9 cases per 100,000) in the United States. This rate is more than twice as high as San Francisco (18.5), New York City (17.9) and Washington DC (18.0) and is four times the national average. In addition, more HIV infections progress to AIDS in Miami than in any other part of Florida. Miami is "the epicenter of the epicenter of HIV/AIDS in the United States".

ORAL HEALTH AND HIV+ PATIENTS

Oral health is of paramount importance for the maintenance of a good systemic health and is even more evident in patients with HIV. Poor oral health not only can have severe functional and esthetic repercussions, but it has also been associated with a higher risk for systemic conditions such as diabetes, heart disease and rheumatoid arthritis among others. In HIV patients, poor oral health can impede food intake and nutrition leading to poor absorption of HIV medications making individuals more susceptible to disease progression. HIV medications have oral side effects such as dry mouth, which can predispose patients to tooth decay, periodontal disease and fungal infections. This is in addition to the impact a good oral health has on the patient's self-esteem and mental health.



PROGRAM DESCRIPTION

The University of Miami/Jackson Memorial Hospital Graduate Practice Residency Program is a two year post doctoral dental program designed for advanced clinical and didactic training in general dentistry with intensive hospital experience. The program has twenty residents divided between the two years and has run a Ryan White sponsored clinic for the last 29 years.

PROGRAM ACHIEVEMENTS

From originally offering basic General Dentistry and Oral and Maxillofacial Surgery procedures, our clinic has grown to currently include multi specialty services such as Endodontics, Prosthodontics and Periodontics. Some of the specialized treatments available to our patients include fixed and removable prosthetics, periodontal surgeries and multi-rooted root canal treatments.

Our clinic sees an average of 3,500 to 4,000 patients and 5,000 to 6,000 procedures per year. Of the procedures, 55% are general dentistry, 25% periodontics, 11% oral and maxillofacial surgery, 7% prosthodontics and 2% endodontics.

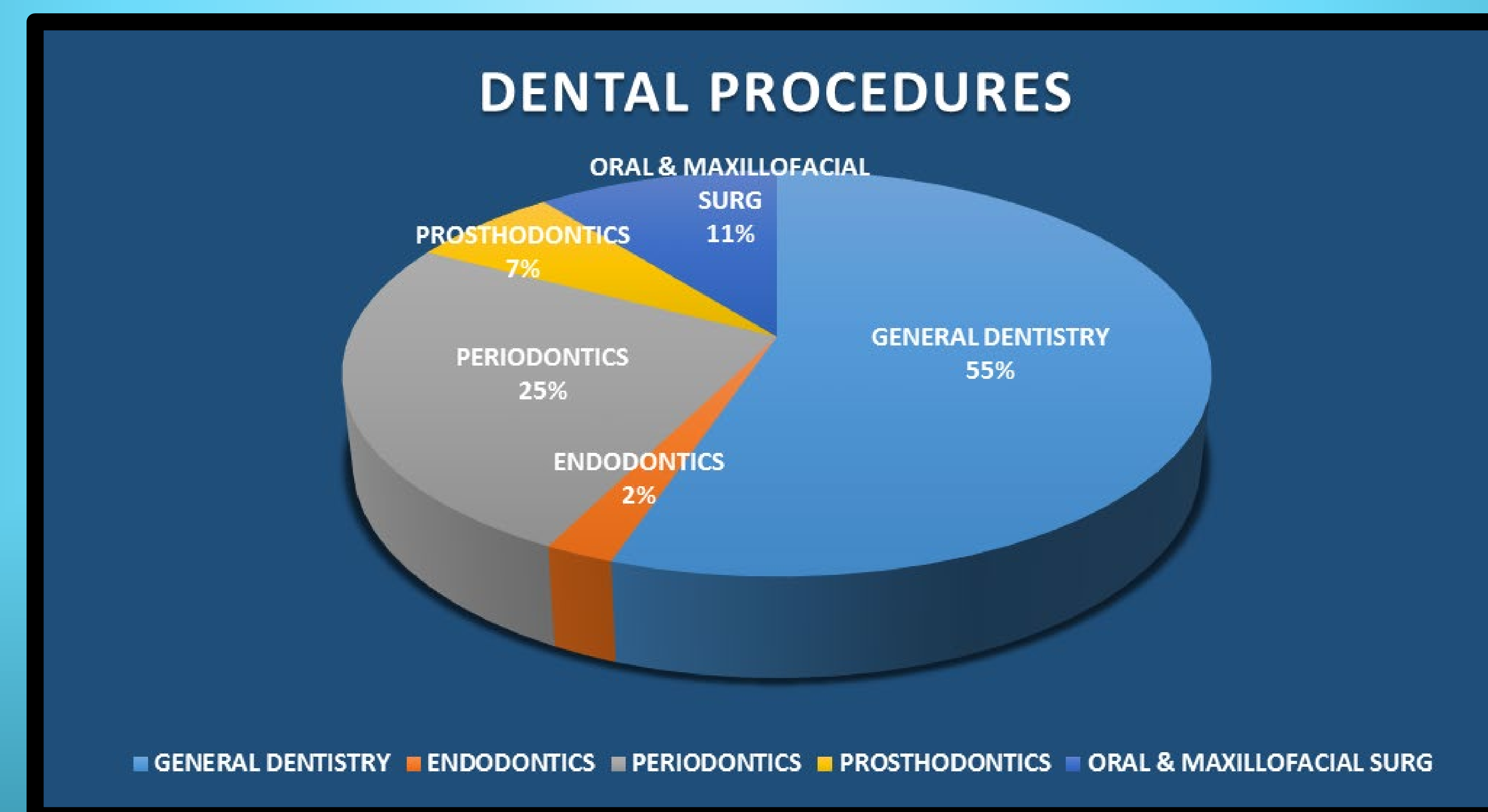
CHALLENGES

- Funding
- Patient compliance
- Patient turnovers
- Patient dental education

FUTURE GOALS

- Community reach
- Increase referrals
- Patient compliance
- Treatment expansion

DENTAL PROCEDURES



SPECIALTY FLOW CHART 2018-2019

SPECIALTY	PATIENTS	PROCEDURES
GENERAL DENTISTRY	2,233	3,000
ENDODONTICS	105	119
PERIODONTICS	908	1,375
PROSTHODONTICS	276	359
ORAL & MAXILLOFACIAL SURG	276	581
TOTAL	3,798	5,434