



# Smile Proud

## Improving Oral Health Among Nursing Home Residents

Smile Proud’s purpose was to improve daily oral hygiene among Texas nursing home residents to impact the associated oral health-related burdens. The table below highlights results from the two-year project. Please see the BSS outcomes below.

### Results

Quality Measure	Target	Current Rates
Percent of targeted nursing homes recruited and retained	120 Texas nursing homes divided evenly between Austin, San Antonio, Houston and Dallas	100%
Baseline oral health activity assessments including BSS	Ongoing during year 2 recruitment BSS= 1,200 residents (10 per home)	100%- BSS data was submitted to Dr. Rhonda Stokely, State Public Health Dental Director at the Texas Department of Health Services
Assessment of toolkit utilization	Post program participation	74% response rate reflecting: <ul style="list-style-type: none"> <li>• 14% increase in brushing two times daily</li> <li>• 12% increase in flossing two times weekly</li> <li>• 18% increase in daily oral screenings</li> </ul>
Pre and post training assessments for knowledge, attitudes, strategies learned	Before and after each of the three onsite trainings.	Approximately 4,928 leadership and direct care staff participated in the Smile Proud oral care education with an average 35% knowledge gain.

### Smile Proud Sustainability

TMF developed a sustainability tool packet for each participating nursing home. The packet which is available on the TMF website includes:

Five topic-specific oral health care posters designed for staff and resident/family education to be displayed in common areas for staff, residents and families to view

- How to Brush
- How to Clean Between the Teeth
- Denture Care
- Where and What to Look for During Daily Oral Health Assessments
- Oral Systemic Relationships

Badge cards for nursing staff with easily accessible topics:

- Valuable daily oral care checklist
- Oral health/systemic relationship with pictures

Informational toolkit “map” is a quick-reference navigation tool to assist leadership in using the resources available in the Smile Proud toolkit on the TMF website.

TMF oral care 30-minute educational video including a hands-on oral hygiene technique demonstration. This video is available on the TMF Smile Proud website.

# Texas Smile Proud Oral Health

(Total 1200 residents over entire project)

<b>Completed BSS's as of 02/13/2019</b>	1220 Residents: 101.67%				
<b>Removable upper denture</b>	Yes: 30.66 %	No: 69.34%			
<b>Wearing upper denture while eating</b>	Yes: 81.02%	No: 18.98%			
<b>Removable lower denture</b>	Yes: 22.62%	No: 77.38%			
<b>Wearing lower denture while eating</b>	Yes: 73.55%	No: 26.45%			
<b>Number of UPPER natural teeth:</b>	<b>Number of LOWER natural teeth:</b>				
0: 30.08%	0: 20.57%				
1: 0.41%	1: 0.90%				
2: 1.39%	2: 0.90%				
3: 1.39%	3: 1.72%				
4: 2.70%	4: 2.13%				
5: 2.95%	5: 3.11%				
6: 3.28%	6: 4.92%				
7: 4.02%	7: 4.43%				
8: 3.69%	8: 8.20%				
9: 4.51%	9: 5.25%				
10: 7.13%	10: 9.02%				
11: 7.54%	11: 7.38%				
12: 7.54%	12: 8.03%				
13: 7.46%	13: 7.38%				
14: 12.38%	14: 12.30%				
15: 2.71%	15: 2.30%				
16: 0.82%	16: 1.48%				
<b>Untreated decay</b>	Yes: 50.16%	No: 49.84%	Edentulous: 19.51%		
<b>Root fragments</b>	Yes: 48.93%	No: 51.07%	Edentulous: 19.51%		
<b>Need for periodontal care</b>	Yes: 33.77%	No: 66.23%	Edentulous: 19.51%		
<b>Suspicious soft tissue lesion</b>	Yes: 4.10%	No: 95.90%			
<b>Treatment urgency</b>	No obvious problem: 62.68%	Early care: 29.84%	Urgent care: 7.79%		
<b>Female:</b>	61.72%				
<b>Male:</b>	38.28%				
<b>Ethnicity:</b>					
AI/AN: 0.08%					
Asian: 0.74%					
Black: 16.56%					
Hispanic: 20.33%					
White: 60%					
Multi-racial: 0.57%					
Unknown: 1.72%					
<b>Last dental visit</b>	Within a year: 26.39%	1-2 Years: 11.97%	Unknown: 30.49%	Never: 0.41%	2+ years: 30.74%