



SOUTH DAKOTA STATE ORAL HEALTH PLAN

Activities & Progress (2013)

DEPARTMENT OF HEALTH, OFFICE OF RURAL HEALTH

Recruitment Assistance Program for Dentists

This program is available to general practice dentists and pediatric dentists that agree to work full time for 3 years in an approved community. To be eligible communities must be 10,000 people or less. Each year dentists sign contracts to participate in the program. Currently there are three participants.

- Dr. Michelle Scholtz, Howard
- Dr. Clayton Hoffman, Platte/Burke
- Dr. Lamar Koistenen, DeSmet

USD DENTAL HYGIENE PROGRAM

USD DH was awarded a three-year grant from the Health Resources and Services Administration (HRSA), in April of 2012. The school-based dental preventative program has proven to be successful and a valuable experience not only for the children that participate, but also for the professional development of dental hygiene students.

During the 2012-2013 school year, preventive services were provided to 9 schools throughout southeastern South Dakota. The schools that participated were Alcester-Hudson, Beresford, Bon-Homme, Elk Point-Jefferson, Gayville-Volin, Irene-Wakonda, Scotland, Viborg-Hurley, and Worthing. A total of 468 children were seen for free dental screenings and fluoride treatments. Dental sealants, cleanings, and x-rays were also provided for a reduced fee. A total of 325 sealants were placed and 437 fluoride treatments were provided. This is a great start for the program, but there is more to do.

Fourteen schools signed up to participate in the 2013-2014 school-based program. The schools include: Alcester-Hudson, Beresford, Centerville, Dakota valley, Elk Point-Jefferson, Irene-Wakonda, Lennox, Scotland, 3 Sioux Falls schools (Laura B. Anderson, Jane Adams, and Axtell), Vermillion, Viborg-Hurley, and Worthing. As of January 17, eight of the 14 schools have been completed. In an effort to increase the number of sealants, we are now providing them free of charge. This has increased the number of sealants, significantly. To date, a total of 538 children have received free fluoride treatments, screenings, and sealants. A total of 1,088 sealants have been placed; this triples the number of sealants from all of last year. The goal for this year is to see 1,000 children and place 2,000 sealants. We are on track to meet or exceed these goals.

In an effort to expand our outreach program, South Dakota Achieve in Sioux Falls has invited us to provide preventive services to their clients in February. We will provide dental screenings, cleanings, fluoride treatments, and x-rays at their facility. We are very excited to be expanding our outreach to adults with disabilities.

LAKE AREA TECH DENTAL ASSISTING *2012-2013 Community Service Activities*

A staff member and six students manned an oral health booth for Buddy Walk, giving each child a toothbrush, toothpaste, tattoo, brushing chart in a bag. We took the puppets and let the children brush their teeth while they waited for the walk. We had brochures about working with children with Down's and other oral health topics. We had about 550 people attend the event. It was a sea of green and white bags.

One faculty and two students presented to one section of Milbank Senior High School students to promote dental careers.

One faculty and two students gave oral health training at Educare. The morning session concentrated on the children giving oral health presentations; afternoon sessions concentrated on parents and Educare staff, giving them information to assist their children with proper oral health.

Two faculty presented to 46 Scrubs Camps sponsored by LATI and the Department of Education to promote dental careers.

Two faculty presented dental careers to 52 students enrolled in the Introduction to Health careers course.

LATI Dental Assisting Program partnered with Interlake's Community Health to sponsor the Ronald McDonald Care Mobile. The staff volunteered time to coordinate the visit and organize student volunteers. Forty-two students were given a tour and attended a presentation of the Care Mobile program in South Dakota and provided assistance during the weeklong clinic.

Eight students assisted Watertown area dentists with "Give Kids a Smile" event. This is an annual centerpiece to National Children's Dental Health Month. The one-day event provided free dental care to more than 55 disadvantaged children.

One faculty and 14 students organized and manned an educational booth to promote oral health/systemic health to the student body. The students provided oral health information and organized several raffles to earn funds to sponsor two dental assisting students volunteering to take the Polar

Plunge. The items raffled were donated from the Dental Assisting Department from a grant made by Delta Dental of South Dakota.

Ten students coordinated by one faculty member donated their time and office supplies to the annual Dentistry from the Heart event that provided free dental services valued at more than \$10,000 to 65 patients who were unable to obtain dental insurance.

One faculty and one student provided four in-service trainings for 80+ direct care staff at Jenkins Long Term Care Facility in Watertown and Menno-Olivet Care Center in Sioux Falls. They also assisted in developing training materials for CNA staff.

One faculty member partnered with Delta Dental of South Dakota to provide 127 allied health students with oral health care emphasizing the link between systemic and oral health.

One faculty and four DA students provided oral health to Lutheran Church of Our Redeemer, Grace Lutheran and other area daycare centers in Watertown, Brookings, and Volga. Total number of children receiving instruction was 154. All of these children received oral hygiene kits to assist them in performing these techniques at home.

One faculty served on a statewide oral health coalition and steering committee to create a plan to improve oral health in South Dakota. The faculty member also served on the Oral Health Coalition. In addition she attended meetings of the Statewide Native American Oral Health Summit and steering committee.

HORIZON HEALTH CARE, INC

Horizon Health Care serves four dental clinics within South Dakota (Howard, DeSmet, Martin and Wessington Springs) and conducts various activities to help promote dental services in these communities. We work with the nursing homes to help provide services to the elderly and also provide tours of our clinic and other educational activities to the elementary schools in our communities to help increase dental hygiene awareness to our youth.

Our employees also work on the dental van, health fairs and work with schools to provide fluoride varnishes. In early October, our clinics began promoting our \$10.00 mouth guards, which allows athletes to stop in to get a customized fitted mouth guard in any color desired. Then, in November, our clinics offered a drawing for free whitening trays for anyone that scheduled a cleaning during the months of November and December.



Horizon's dental program continues to partner with the University of Minnesota Dental School. We have partnered with them for over six years. The school sends two students each fall for six weeks to work with Dr. Hattervig in our dental clinic in Howard, SD. This year, the program expanded and two more students will be sent in the upcoming fall to work with Dr. Lamar in Horizon's DeSmet clinic. Horizon has hired a number of these students into our practice following their completion of the program. The SD Office of Rural Health and the Community HealthCare Association of the Dakotas also partner with Horizon in this program.

COMMUNITY HEALTH CENTER OF THE BLACK HILLS, INC.

We work closely with the school district to conduct a day of dental screenings for children in the 3rd grade of the North Rapid City schools. This helps us identify issues and then follow-up with parents to get the children in for treatment. We've also purchased more mobile dental equipment to allow us to expand this activity in the coming year.

ALLPOINTS HEALTH SERVICES – LINDA ROSS, CEO

We are expanding our services by opening two dental offices in Yankton and Alcester, SD. This provides greater access and dental services to the local communities.

DELTA DENTAL PLAN OF SD - SCOTT JONES, CEO

Ten years ago as we prepared for the arrival of the Ronald McDonald Care Mobile, I had no idea how much Delta Dental's outreach program would grow in a decade. Dakota Smiles now consists of two trucks (Care Mobile and Smile Mobile) traveling the state delivering dental treatment to about 3,400 children a year. We have five oral health educators working with local educators and medical providers throughout the state to increase the public's awareness of the importance of good oral health. Most recently our Circle of Smiles program employs seven dental hygienists who are working year-round delivering preventive dental care on South Dakota reservations and collaborating with 15 new tribally-employed oral health coordinators to ensure that Native American families can navigate the dental care system to get the dental treatment they need.

As the years have gone by and Delta Dental's outreach program has expanded, the numbers have grown more impressive. As of 2013 year-end the

Dakota Smiles Program had served 23,428 patients, delivering more than \$10.6 million of care. In its first year of operation the Circle of Smiles project served more than 3,500 patients and we expect to serve more than 4,000 patients in 2014. As Delta Dental's community benefit programs have grown, so has the company's financial commitment. Delta Dental donated \$520,600 in 2003; annual contributions had grown to \$1,507,808 by 2008; and \$2,576,724 in 2013. I'm grateful to the Delta Dental of South Dakota board and our foundation board for their unwavering support of our mission. Several private and public funders have leveraged Delta Dental's investments to improve the oral health of more South Dakotans.

We have many others to thank. The South Dakota Dental Association and its member dentists have been supporters as partners, advocates, donors, and volunteers. The South Dakota Oral Health Coalition and its members help to identify needs and collaborate to implement solutions. Ronald McDonald House Charities of South Dakota and South Dakota McDonald's restaurant owners have been important partners since the beginning. Dakota Smiles site partners and site sponsors handle all the local arrangements and help defray a portion of the cost. Circle of Smiles partners include the South Dakota Dental Association, Aberdeen Area Indian Health Service, Great Plains Tribal Chairmen's Health Board, and South Dakota's nine tribes, and most of the startup funding is coming from the Centers for Medicare and Medicaid Services (CMS).

Finally, this work would not be possible without the support of Delta Dental's employees, customers and business partners. As Delta Dental of South Dakota has grown, become more efficient and stronger financially, employees and customers have embraced and supported Delta Dental's nonprofit mission. It's been said that the reward for doing good is the opportunity to do more. With the help of our many partners, Delta Dental will continue to pursue future opportunities to improve the oral health of all South Dakotans

JEAN GROSS – REGIONAL EDUCATOR


- Provided educational presentations for numerous Head Start programs in at least 10 communities in SD. This also included an educational session for parents. All the children that had written consent forms from parents and a signed Rx from the dentist also received fluoride varnish at these visits.



- Attended diabetes conferences for both Avera and Sanford Hospitals around the state to educate medical providers and community members on the relationship between diabetes and oral health.
- Visited all Title I schools in the Sioux Falls school district classrooms and provided dental health presentations. (Minus those schools with a dental clinic) Southeastern District Dental Society donated the toothbrushes for the classrooms.
- Visited hundreds of daycare and preschool centers and providing educational programs for the children. Reached an estimated 1000+ children in the southeastern area of the state.
- Provided New Mommy bags to a few pilot hospitals across SD to give out to new mothers and their babies. To date, distributed 1,000 bags in Sioux Falls, Mitchell and Aberdeen, including both Avera and Sanford hospital sites.
- Distributed brochures, posters and toothbrushes for local libraries to disseminate during February at their reading times. Sites included Main Library, Callie Library, Oak View Library, Prairie West Library, Ronning Library, Baltic Library, Brandon Library, Colton Library, Crooks Library, Garretson Library, Hartford Library, Humboldt Library, Valley Springs Library, Madison Library and Brookings Library.
- Attended the Parish Nurse Conference to distribute information on how to order educational brochures for their parish libraries and members.
- Dr. Kassube wrote articles for the Sioux Falls Shopping News Healthy Living and the Aberdeen American News, including information on dry mouth, diabetes and grafting. Another will be coming out in March on kidney disease and periodontal disease related to the diabetic patient.
- Provided three educational booths for mouth guard use. (Aberdeen, Huron and Sioux Falls.) Neighborhood Dental in Yankton provided free mouth guards for members of the Mount Marty college basketball team.
- Displayed information at the Heart Symposium at North Central Heart on the relationship between systemic health and oral health.
- Attended community events and health fairs to educate the general public on the importance of oral care. (Schools, community centers, Children's Care Hospital and School)
- Attended the daycare providers conference and signed up daycare centers and homes for educational visits from Delta. Also provided lots of dental health information for them – ECC, Sippy Cup, Teething, What You Should Know About Tooth Decay, and Steps to Healthy Teeth.

- Attended a health fair at the Active Generations in Sioux Falls and distributed information on systemic health and oral health, dry mouth and general basic oral health hygiene.
- Visited the Multicultural Center and provided educational programs for the children that attended the after school program. Also visited Jane Addams School where some students are non-English speakers. They start at this school and are eventually moved into the regular school system.
- I have been leaving extra toothbrushes at the daycare centers and homes so that providers can begin to incorporate dental care into their programs.
- Will be providing another seminar (2014) at South Dakota Achieve for all caregivers on basic oral care for their clients. Staff changes since the last seminar warrants another class. Last time we provided four classes throughout the day so that all staff members could attend. This year (2013) we also provided some electric toothbrushes for clients who struggle with homecare.

DEPARTMENT OF HEALTH

- Provided Community Health and WIC Nurses with resources for the patients they serve (including pregnant women and infants) to promote good oral health through their clinics, local schools, health fairs, and during NCDHM.
 - Partnered with Chronic Disease Prevention and Health Promotion programs, including Nutrition and Physical Activity, Tobacco, and the Cancer Programs to distribute messaging to both dental and non-dental professionals.
 - Distributed resources and brochures promoting consumption of fluoridated water instead of sugar sweetened beverages.
 - Collaborated with the SD Cancer Registry Program to update the Oral Cancer Monograph.
 - Partnered with the Departments of Education and Human Services to provide resources for the agencies and families they serve (Bright Start Welcome Boxes, childcare and disability programs).
 - Translated several oral health brochures into Spanish.
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- Maintained the Oral Health Website, listserv, and electronic Oral Health eNews.

Surveillance

The department is conducting a basic screening survey of 3rd grade students during 2013-14 school year. The screening checks for the presence of a filling, a sealant, decay, and need of urgent care. Key findings from the 2009-10 survey indicate:

- 62% of children had decay experience
- 55% had a dental sealant
- 29% had untreated decay and
- 8% were in need of urgent care

Youth Risk Behavior Survey (YRBS) data from the 2013 report for South Dakota high school students indicates that:

- 23.6% of respondents drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days;
- 12.2% of respondents drank a can, bottle, or glass of a sports drink such as Gatorade or PowerAde one or more times per day during the past 7 days;
- 77.0% of respondents saw a dentist during the past 12 months for a check-up, exam, teeth cleaning, or other dental work;
- 21.3% of respondents missed school because of problems with their teeth or mouth one or more times during the past 12 months;
- 7.3% of respondents have visited a hospital emergency room for problems with their teeth or mouth one or more times during the past 12 months.

The YRBS also found that 16.5% of South Dakota high school students reported smoking cigarettes and 11.5% used chewing tobacco, snuff or dip.

The department's Behavioral Risk Factor Surveillance System data from 2010 found:

- 44.5% of adults had a permanent tooth extracted;
- 65% of adults had all their permanent teeth extracted;
- 71% of adults had visited the dentist within the past year

The department also collected workforce and access data for the annual Association of State and Territorial Dental Directors (ASTDD) survey.



The federal Health Resources and Services Administration may be making revisions to their goals and outcomes in 2015. They may begin tracking and evaluating access to oral health care for pregnant women and infants, replacing the current focus of dental sealants in elementary students.

