Providing Dental Services for Persons with Developmental Disabilities (A FQHC model)

Presented By:
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&
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Our FQHC Model

- Patient Centered Medical Home (PCMH)
- Primary and Secondary Intervention
- Holistic approach
- Care coordination/Integration of Services
- HRSA funded
- Sliding-fee schedule
- Consumers 51% of Board membership
The mission of the San Ysidro Health Center is, “...to improve the health and well-being of our community’s traditionally underserved and culturally diverse people.”
11 Community Clinics

Serving >85,000 patients

Medical (Lab & Pharmacy)
Dental
Behavioral Health
Women’s Wellness Center
Family Support Services
WIC & School Visits
Senior/Adult Day Center
6 Dental Clinics Total

2 Clinics serving persons with Intellectual and Developmental Disorders

- Childrens Dental Center (Age 0-14)
- King Chavez Health Center (Teens 14+ and Adults)
2013 Statistics

- FTE’s: 105
- 27,893 discrete dental patients
- 67,069 dental encounters
- 34,513 under age 18
A BRIEF HISTORY

45th Year Campaign
San Ysidro Health Center is celebrating 45 years of providing health care for underserved and vulnerable families in San Diego.

Please help us light a Thousand Candles
1969 - Founding Mothers

Formed *el Club de Madres* to bring affordable and culturally-appropriate health care to their own neighborhood.

One physician served the 7,000 largely Mexican-American population.
• 1969 - Founding Mothers met Dr. Ruth Covell

• Objectives: Deliver medical services. Provide jobs. Inspire young people to seek health careers.

• August 1969 - La Casita opened its doors at 223 Mesa Boulevard in San Ysidro, California.
  ~ 40 patients per day
  3 volunteer nurses & 2 physicians
  2 afternoons /week.

• Developed SYHC’s mission statement.
Ed Martinez (Past President and CEO)

- Always held the notion, “If it’s good for the patients, we should do it.”
- Holistic approach to health care
- Established relationship with Dr. Dillenberg.
- Wanted dentists who were trained to work with special needs
- Needed equipment and space
- Required a connection to the regional center network
A.T. Still University
Arizona School of Dentistry and Oral Health

- Dr. Jack Dillenberg, Dean
- Dr. Tony Hashemian, Assistant Dean for Global Oral Health
- Established relationship with previous President and CEO, Ed Martinez
- "We wanted to have a presence in San Diego and a clinic focusing on persons with special needs was the most effective and meaningful way to reach the underserved." ~ Dr. Dillenberg
Why is there an unmet need?

Trends in California for persons with disabilities:
• Global Commitment
• Medicaid/Medical reimbursement
• Shortage of Dental Providers
• Behavioral management challenges
• Access - OR time, Insurance, Facilities, Geographic
• Recent US Census population
  ~ 311 million

• ~ 4.6 million to 7.7 million people with developmental disabilities.

• ~ 1.5% to 2.5% -- of the total general population.

• ~ 17% of children < 18 years of age

(Sources: The Arc of the US, The American Association on Intellectual and Developmental Disabilities (AAIDD) and US Census)
What Constitutes Intellectual Developmental Disability (IDD)?

According to the California Welfare and Institutions Code Section 4512 a developmental disability originates before an individual reaches age 18, continues or can be expected to continue indefinitely, and constitutes a substantial handicap for that individual.

Included in this definition are “mental retardation”, cerebral palsy, epilepsy and autism. Also included are disabling conditions found to be closely related to mental retardation or to require treatment similar to that required for individuals with mental retardation.
Consider an Intellectual/Developmental Delay...

Infant/toddler's current *level of functioning* is significantly different from the expected level for his/her chronological age in one or more:

- Cognitive
- Motor & physical including vision & hearing
- Communication
- Social or emotional
- Adaptive
Resource and Support Services

• State & federal education departments spend ~ $36 billion/year on special education programs

• ~ 2% of school-aged children have a serious condition and need special education services or supportive care.

• Medicaid/Medi-cal/Medicare
• Individual Disability Organizations
• Regional Centers
WHAT ARE REGIONAL CENTERS?

• Dept of Dev. Services and Health Center Partnership
• 21 Regional Centers in CA
• Assessment and Diagnosis
• Counseling
• Advocacy
• Legal Protection
• Strategic Partner

MISSION
To serve and empower persons with developmental disabilities and their families to achieve their goals with community partners.
Common Developmental Disabilities

- Autism/spectrum disorders
- Down syndrome
- Cerebral Palsy
- Epilepsy/Seizure Disorder
- Angelman’s Syndrome
- Chromosomal Abnormalities
- Fragile x syndrome
- William’s syndrome
Common Developmental Disabilities

- Autism: 112
- Intellectual Deficit: 596
- Developmental Delay: 193
- Down Syndrome: 177
- Cerebral Palsy: 153
- Epilepsy: 101
Incidence & Prevalence in the United States

- **Autism**
  - 1/68 Births
  - 1.5 million

- **Down Syndrome**
  - 1/691 births
  - 400,000

- **Cerebral Palsy**
  - 1.5-4/1000 births
  - 800,000
Autism

Developmental Disability
Avoids eye contact
Prefers to be alone
Inappropriate affect
Socially inept
Echolalia
Repetitive actions
Sensory Sensitivity
“Splinter” Skills
Dental Considerations
Autism is on a spectrum inc. PDD, Asperger’s, and related disorders
Autism Spectrum Disorders

PDD-NOS
Impaired Social Interaction
or
Impaired Communication
or
Restricted, repetitive, and stereo-typed patterns of behaviors, interests, and activities

AUTISTIC DISORDER
Impaired Social Interaction
and
Impaired Communication
and
Restricted, repetitive, and stereo-typed patterns of behaviors, interests, and activities

ASPERGER DISORDER
Impaired Social Interaction
and
Normal Communication & Language Development
and
Restricted, repetitive, and stereo-typed patterns of behaviors, interests, and activities

Social Network

Diagram illustrating the roles of many different areas of the brain, all of which are active during social processes. Researchers are aiming to understand how...
Down Syndrome

- Trisomy 21
- Growth delays
- Mild to Mod. IDD
- Facial features
- Life expectancy
- Dental considerations
CEREBRAL PALSY

- Permanent, non-progressive movement disorders
- Caused by damage to the motor control centers of the developing brain
- During pregnancy, during childbirth, or after birth up to about age three
- Increase life span
- Dental considerations
Welcome to King-Chavez Health Center

Bievenidos al King-Chavez centro del salud

950 South Euclid San Diego, 92114
SYHC started the Adult Special Needs Clinic because they saw a need for adults in the San Diego community not being served once they aged out of the RADY’s dental Clinic.
SYHC collaborated with ATSU to serve the adult special needs community.

The clinic recruited two dentists with experience in working with special needs individuals to treat this very underserved population.
Main Entrance/Entrada Principal
1st Floor Reception Area/Recepcion Principal
The Special Needs Team Welcomes You to KCHC
Bienvenidos!

Rogelio, Clara, Dr. Johnson, Dr. Zschaschel, Monica, and Menchie (Jackie not shown)
Dental Clinic Reception
Departamento Dental Recepcion
SPECIAL NEEDS QUIET ROOMS

- Oversized rooms
- Door for privacy
- Wheelchair Lift
- Stabilization Board
- Nitrous Oxide (rare)
- Wall art
Special Needs Room
Our population consists of patients with Autism, Down Syndrome, Cerebral Palsy, Seizure disorder, and other more rare disorders.
Case Study Anthony

- Cared for at home by elderly mother
- Down Syndrome
- Mother was not competent to take him to dentist regularly
- Had not seen dentist in 5+ years
- Sister saw mouth and brought to RC
Case Study Michelle

- Cared for by family
- Cerebral Palsy
- Intellectual Deficits
- Seizure/epilepsy
- Damaged heart valves S/P sx
- On Depakote only
- Hadn’t Seen DDS in 5+ yrs
Scaling and root planing in office
Case Study Nasima

- 36 y.o Iraqi Female
- Unknown diagnosis
- Intellectual Deficit
- No dental treatment since 1992
- Was denied dental service in the community unless family paid for private general anesthesia
Treatment with Stabilization Device

Pt. in Stabilization device

Right and left S/RP comparison
After the opening we did several things to ensure our success.

- Established relationship w/ San Diego Regional Center
- Quality brochures highlighting clinic
- Open House 2/23/2013 (Pre- and Post Local News coverage)
- Health Fairs and Symposiums
- Evening Parent Groups
- Booth Sponsors for Run/Walk Events for Persons with Development Disabilities.
The mission of the Special Needs Adult Dental Clinic at King-Chavez Health Center is to provide high-quality, dental care services to adult patients with special needs. The clinic serves adults who:

- are registered with the San Diego Regional Center;
- have been diagnosed with a developmental disability that originated before the age of 18; and,
- the disability constitutes a substantial handicap that is expected to continue throughout life and places them at high risk.

The Special Needs Adult Dental Clinic is a partnership between San Ysidro Health Center and A.T. Still University, Arizona School of Dentistry and Oral Health.

SPECIAL NEEDS PROVIDERS:

SYHC was very fortunate to recruit and hire Dr. Diana Zschaschel, a dentist with 15 years experience treating special needs patients in the Los Angeles area. A graduate from UCLA she continued her education by completing a Hospital residency program which focused on persons with complex medical conditions. She has been featured on several TV programs and was awarded the “Local Hero of the Year” Award from the Community Education Television, KCET and Union Bank. Dr. Zschaschel feels that her patients are her angels and feels that every person, despite their circumstances, deserves compassion and quality dental care.

Dr. Malieka Johnson specializes in dental care services for individuals with special needs. Her philosophy is a patient-centered approach to complete oral health. Dr. Johnson prides herself in listening to and meeting the needs of her patients. Dr. Johnson obtained her Bachelor’s Degree in Psychology from the University of California, San Diego, Doctor’s Degree in Dental Surgery from the University of California, Los Angeles and completed her General Practice Residency at Rancho Los Amigos National Rehabilitation Center.

Dr. Johnson speaks Spanish, enjoys a variety of hobbies and interests that focus on staying mentally, physically and spiritually active.

HOURS OF OPERATION:
Monday thru Friday
8:00 AM to 5:00 PM

LOCATION:
King-Chavez Health Center
950 S. Euclid Avenue, 3rd Floor
San Diego, CA 92114

For more information or to make an appointment, please call:
619-662-4100
King Chavez Health Center
Adult Special Needs Clinic
Open House
February 23, 2013
Marketing/Networking Events

- 3rd Annual Walk for Autism, Smythe Elementary School (April 25, 2013)
- NOAH Homes Symposium, San Diego (5/2013)
- Walk for Developmental Disabilities (June 8, 2013)
- Residential Care Providers of CA (RCPC) Symposium, San Diego (7/26/2013)
Marketing/Networking Events

• United Cerebral Palsy Walk/Run/Roll, Mission Bay (October 2013)
• Home of Guiding Hands 5K, Santee Lakes (2/15/2014)
• Disability Help Center (4/2014 – present)
Parent/Caregiver Support Group Meetings

- Arc of San Diego – Starlight Center, Chula Vista (6/11/2013)
- Arc of San Diego – North Shores Center, San Diego (7/10/2013)
- Arc of San Diego/Respite Services – Starlight Center, Chula Vista (8/20/2013)
- Arc of San Diego/Respite Services – San Diego (6/26/2014)
Progress of SNDC from Inception

- Since opening 734 patients
- FY 2013 1170 encounters
- Jan - Aug 12, 2014 1334 encounters
Oral Health Needs Assessment for Adults with Developmental Disabilities “A Pilot Study”
San Diego State University
Tracy L. Finlayson, PhD
Zachary Hansen, MPH
Sanskruti Rayate, BDS

San Ysidro Health Center
Malieka Johnson, DDS
Diana Zschaschel, DDS
Sergio Cuevas, DDS

San Diego Regional Center
Denise Anderson, RDHAP
Purpose

• Conduct an oral health needs assessment among adults with a range of developmental and intellectual disabilities who are living in the community and residential facilities being served by the San Diego Regional Center

• SDRC partnered with the San Ysidro Health Center (SYHC) Special Needs Adult Dental Clinic and the San Diego State University (SDSU) Graduate School of Public Health
Background

• Access to dental care for this population is a challenge even for basic exams, routine cleanings, and care, but especially when treatment under general anesthesia is needed.

• The dental needs of this population are understudied.

• San Ysidro Health Center (SYHC)/King Chavez Health Center (KCHC) has a new special needs adults dental clinic.

• SYHC dental team are trained and experienced, especially in treating adults with developmental disabilities.

• San Diego State University (SDSU) Graduate School of Public Health provided research and evaluation support for this project.

• SDSU & SYHC IRBs approved this study.
Participants

• Between September 17, 2013 to April 11, 2014, a total of 422 adults participated in the study from both community (n=142) and facility homes (n=280), only 4 participants refused oral assessment

• Adults from the community were screened at SDRC’s South Bay Office on 10 Friday afternoons, and the trained dental team traveled to facilities on 13 study days, including 5 Saturdays
Key Findings: Dental Outcomes

- Periodontal Disease: > 74% - facilities
  > 84% - community

- Calculus: ~ 43% moderate - facilities
  ~ 46% moderate - community
  > 22% severe – community

- Plaque (severe): ~ 17% - facilities
  ~ 25% - community

- Dental Caries (moderate to severe): > 14% - facilities
  ~ 25% community
Findings: Assessment Results

• Needed Care: ~52% - facilities
  ~50% - community

• Urgent Care: ~38% - community
Findings: Dental Visits and Barriers

• Dental Exam
  Facility ~ 70% had exam in last year
  Community ~ 35% had no exam in > 2 years

• Barriers
  No Dentist: ~ 29% facilities
  ~ 51% in the community

  Financial/Insurance: >43% community
Findings: Unmet Need Dental Needs

- Facilities
  ~ 39% had a problem/pain in regards to unmet dental needs

- Community
  ~ 60% needed a checkup, exam, or cleaning and/or had a problem/pain in regards to unmet dental needs
Findings: Hygiene Practices

- Brushing Daily (No): Facilities ~ 3%
  Community ~ 4%

- Flossing Daily (No): Facilities ~ 73%
  Community ~ 69%

- Mouthwash Daily (No): Facilities ~ 52%
  Community ~ 48%
Conclusions

• This pilot study highlights the severity of the poor oral hygiene among adults with developmental disabilities, especially in regards to daily flossing

• There are various barriers that can be eradicated in oral health especially in underserved populations, such as an equipped dental environment and clinic for these clients, experienced providers willing to treat, ease of access, and education about dental insurance and benefits

• By implementing these outcomes this would provide a more cohesive relationship between a dentist and a patient, and improve oral health for these types of clients
Challenges:

- Hospital Privileges
- # of dentists caring for patients w/ special needs
- More unique training programs for dentists
- Financial Considerations
Ideas to consider:

- Increase research
- Sensory Adaptive Dental Environment (SADE)
- Applied Behavioral Analysis (ABA)
- CAMBRA
- Unique Medical/Dental Home
- Special Needs Specialist
- Advocating for State Legislative changes
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• San Diego State University (SDSU)
• San Diego Regional Center
• Arc of San Diego
• Patterson Dental Supply
THANK YOU!

Q&A?

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