


The Lee Specialty Clinic:
Interdisciplinary Care for Patients with Intellectual and Developmental Disabilities (IDD)

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The Single Greatest Unmet Health Need for Americans with IDD

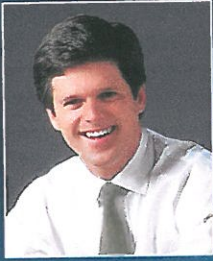
Dental Care



Timothy Shriver, PhD, CEO, Special Olympics

"My mother had a sister with intellectual disabilities and a brother who was President of the United States.


She wanted both to be counted the same."



This access problem is, at its core, an education problem.

- 50% of graduating dentists have never treated a patient with IDD.
- 81% of graduating physicians have never treated a patient with IDD.
- 90% of postgraduate medical residency programs feature no lecture or clinical instruction in the care of patients with IDD.

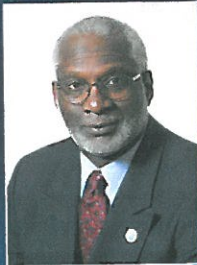
Hendrix et al. J Am Dent Assoc. 2009; 140(10):1403-1408. Oct 2009



16TH Surgeon General David Satcher

It became apparent that as our system of care for those with [intellectual disabilities] evolved, our attention to their health needs lessened.


Closing the Gaps: Surgeon General's Report - 2002



We encounter problems in multiple arenas

We have much work to do in the multiple arenas of:

- Patient care
- Teaching
- Research



The Lee Specialty Clinic

New, 17,000 square foot clinic delivering interdisciplinary care (Medicine, Dentistry, Psychiatry and Therapeutic Services) exclusively to patients with IDD.

Teaching is a huge part of what we do. In 2011, the Kentucky Board of Dentistry designated our flagship clinic as an independent teaching facility.



Solving Problems in Multiple Arenas

Our patient population presents multiple challenges:

- Frequently present with behavioral challenges
- Often unable to verbalize complaints / symptoms
- Medically complex / fragile
- An interdisciplinary model is imperative



Developmental Dentistry Teaching Programs

Concepts in Special Patient Care

University of Louisville School of Dentistry

International Developmental Dentistry Predoctoral Externship

Developmental Dentistry Fellowship (since 2002)

International Developmental Dentistry Research Fellowship

Lee Specialty Clinic / University of Louisville School of Dentistry



Establish the Neurodevelopmental Diagnosis

Work closely with the Geneticist as he / she evaluates the patient's genotype and / or phenotype.

- Fetal Alcohol
- Trisomy 21
- Fragile X



A Model for the Rest of the Country

2014 Developmental Dentistry Predoctoral Extern

Student Dr. Sydnee Chavis

Harvard University School of Dental Medicine



Address the Five Primary Complications

Intellectual Disability

- Psychiatrist / Psychologist

Neuromotor Impairment

- Neurologist / Psychiatrist / SLP

Seizure

- Neurologist

Behavioral Disturbances

- Psychiatrist / Psychologist / BCBA

Sensory Impairment

- Audiologist / Ophthalmologist / OT



Address Secondary Health Consequences

Periodontist

- Periodontal disease is rampant in patients w/ IDD
- 67% of patients w/ Trisomy 21 have a 1:1 CRR or >

Oral Surgeon

- Greater quantity of disease in patients w/ IDD
- Greater degree of severity in patients with IDD



Becoming Better Doctors

Better physicians and dentists will produce better clinical outcomes and healthier, happier patients.



Address Secondary Health Consequences

Pulmonologist

- Dysphagia is a neuromotor impairment
- Aspiration pneumonia is the leading cause of death in children with CP

Gastroenterologist

- 100% of patients w/ enamel erosion referred for EGD were positive for GERD



An Important New Partnership

The Lee Specialty Clinic and Lutheran Medical Center have joined forces to create a new, CODA-approved, PGY-I AEGD residency program, with an emphasis on developmental (special needs) dentistry.



Address Syndrome-Specific Conditions

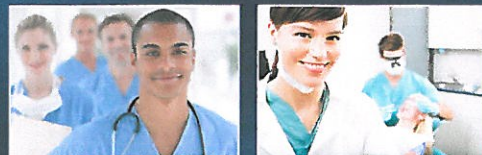
Cardiology

- 50% of children born with Trisomy 21 have structural cardiac anomalies
- Requires much more aggressive protocol than AHA's for neurotypical patients



Two Organizations: One Shared Mission

Our two organizations share a long history of helping young doctors learn to work with patient populations, which fall outside the mainstream of more traditional care in medical and dental patient education.



We are asking for the Board's Continuing Support

1. Let your constituents know that our interdisciplinary clinic exists, and that we are willing to treat their complex IDD cases.
2. Transfer the designation as an independent teaching institution (first granted to the Underwood and Lee Clinic) to the new Lee Specialty Clinic.
3. Support and approve the creation of our new, PGY-1 AEGD residency program with an emphasis on developmental dentistry.