

# Cook Children's Genetics Center

## Clinical Genetics Services

**Cook Children's Genetics Center** provides vital information regarding the causes, outcomes and risks for recurrence for families with known or suspected genetic disorders. A broad range of genetic testing is available. Genetic testing is ordered, evaluated and results are shared with the patient, his/her family and the primary care physician.

Cook Children's Genetics Center provides services to patients and their families throughout Texas. Geneticists travel to Cook Children's Specialty Clinics throughout the state. Services are also available in many of the locations utilizing telemedicine. This is a convenient way for patients to receive services in clinics near their homes by physicians in the Cook Children's Genetics Center in Fort Worth. We see patients in Abilene, Midland, Amarillo, San Angelo, Denton and Waco.

### ***Patients who could benefit from a genetic evaluation include children with:***

- Delayed development, and/or regression in development
- Congenital defects
- Abnormal growth
- Unusual physical features
- Mental disability of unknown etiology
- Medical problem thought to have a genetic basis
- Prenatal exposure to alcohol or other drugs

### ***Families may also benefit from genetic evaluation when:***

- Children are being placed for adoption
- Individuals belong to an ethno-racial group with a high incidence of a specific genetic disease such as Tay-Sachs or sickle cell anemia
- There is a family history of birth defects, mental disability or a recognized genetic condition
- Families have concerns about a possible genetic condition

### ***Specialty programs include:***

Down Syndrome Clinic  
Neurofibromatosis Clinic  
Epilepsy Genetics Clinic  
Telemedicine



**For more information or to make an appointment, please call:**

682-885-2170 phone  
800-266-5514 toll-free  
817-335-8277 fax

#### **Locations:**

Amarillo	Midland
Abilene	San Angelo
Denton	Waco
Fort Worth	

### ***Our clinical services include:***

- Gathering of relevant birth, medical and developmental history including a detailed family pedigree
- Evaluation by a board certified clinical or metabolic geneticist
- Ordering and evaluation of relevant genetic and/or diagnostic tests
- Detailed explanation of the diagnosis, prognosis and treatment options
- Discussion of reproductive and recurrence risks in the patient and related family members
- Psychosocial counseling and support
- Referral to appropriate medical specialists
- Referral to community resources
- Communication with the patient's primary care physician and related specialists
- Pre-conception counseling for couples with a family history of birth defects, mental disability or a recognized genetic condition
- Consultation with perinatology group to help with pre-natal diagnosis of genetic disorders and providing care to the child following birth

### ***Common conditions we evaluate:***

Albinism	Failure to thrive
Ambiguous genitalia	Fragile X
Angelman's syndrome	Hair abnormalities
Autism spectrum disorder to identify genetic factors	Klinefelter syndrome
Chromosome abnormalities	Macrocephaly
Cleft lip	Microcephaly
Cleft palate	Neurofibromatosis
Congenital heart defects	Noonan syndrome
Cornelia-de-Lange	Osteogenesis imperfecta
Craniosynostosis	Sensor neural hearing loss
Developmental delay	Short stature/growth abnormalities
Down syndrome	Skeletal dysplasia
Dwarfism	Tuberous sclerosis
Dysmorphic features	Turner syndrome
Ehlers-Danlos syndrome	Williams syndrome

### ***Payment options:***

Service cost varies depending on the number of visits and the related lab studies ordered. Texas Medicaid, as well as most insurance carriers provide coverage for genetic services. Some genetic-specific grant funds are available through the Texas Department of State Health Services for families who meet the financial qualifications.

### ***Additional services***

Cook Children's Genetics Center offers a full range of services provided by our metabolic physicians, Alice A. Basinger, M.D., Ph.D., and Heather P. Crawford, M.D. This includes confirmatory testing for patients with abnormal newborn screening results. Please contact our office for more information.