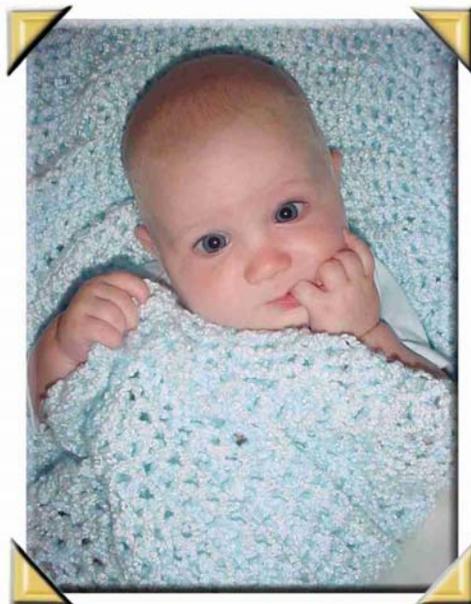


Genetic testing is different than traditional testing and therefore should always include a before and after genetic counseling session. During a conference meeting for the Secretary's Advisory Committee on Genetic Testing in May 2002, Dr. David Mallott noted that a patient's traditional experience with medical testing is that testing will reveal "truths" about a health condition. This perception assumes testing will provide a definite yes or no answer about a possible disorder or condition. A genetic test rarely provides yes or no answers, and typically a test result is communicated in risk. Board certified or board eligible genetic counselors have been trained to communicate such risk effectively in a non-directive manner. In addition, the person undergoing testing should understand the implications to their family. Genetic testing goes beyond the individual being tested and consideration of how that information will or will not be communicated to other family members is an important component of the counseling session. National standards on who should provide genetic counseling services have yet to be determined, but competent genetic counseling services are an important component. Studies indicate that genetic counselors are essential in the provision of comprehensive genetic services. One study reported that high-risk obstetrical patients receiving evaluation and counseling from a genetic counselor improved the detection of identifiable genetic risk factors (Koscica et al. 1033).³² Traditionally, and as this study reports, certified genetic counselors are best prepared to communicate risk. However, there are only 2,000 genetic counselors in the U.S., and just two (2) board certified genetic counselors are currently practicing in Oklahoma. It is important that standards for genetic counseling are developed, so that Oklahomans who receive genetic services receive appropriate non-directive counseling.

Genetic Clinical and Laboratory Services in Oklahoma

Oklahoma genetic clinical and laboratory services are primarily provided in Oklahoma City and Tulsa. The two genetic centers that provide clinical, laboratory (biochemical, molecular, and cytogenetic), and genetic counseling services are the OU Medical Center in Oklahoma City and HA Chapman Institute of Medical Genetics in Tulsa and Oklahoma City branch. As of September 16, 2002, Oklahoma has five M.D. board certified geneticists who provide clinical genetic services and four genetic counselors (two board certified). Prenatal genetic services are usually provided by maternal fetal medicine providers, board certified by the American Board of Obstetrics and Gynecology, Division of Maternal Fetal Medicine. Oklahoma has nine maternal fetal medicine physicians located in Oklahoma City and Tulsa.



Genetic Clinical and Laboratory Services in Oklahoma September 2002

HA Chapman Institute of Medical Genetics, Tulsa (918) 660-3838
University of Oklahoma Health Sciences Center (OUHSC), Oklahoma City (405) 271-8685

Clinical Genetic Providers

Ayesha Ahmad, MD	(918) 456-7700	Tahlequah
David Domek, MD	(405) 945-4525	Oklahoma City
Billur Moghaddam, MD	(918) 660-3838	Tulsa
John J. Mulvihill, MD	(405) 271-8685	Oklahoma City
D. Cristina Sarale, MD	(405) 236-1111	Oklahoma City
Burhan Say, MD	(918) 660-3838	Tulsa
J. Rodman Seely, MD, PhD	(405) 271-6777	Oklahoma City

Maternal Fetal Medicine Genetic Providers

(each boarded by the American Board of Obstetrics and Gynecology, Division of Maternal Fetal Medicine)

James Beeson, MD	(918) 582-0721	Tulsa
Christine Blake, MD	(918) 582-0721	Tulsa
Fred Coleman, MD	(405) 271-4665	Oklahoma City
Fred Fumia, MD	(918) 582-0721	Tulsa
Mark Harman, MD	(918) 582-0721	Tulsa
Glen Haswell, MD	(918) 742-8847	Tulsa
Asad Sheikh, MD	(405) 271-4665	Oklahoma City
John Stanley, MD	(405) 271-4665	Oklahoma City
Jeffrey Stewart, MD	(918) 747-8255	Tulsa

Genetic Laboratories

Nancy Carpenter, PhD, HA Chapman, Tulsa	(918) 660-3838
S. Terence Dunn, PhD, OUHSC, OKC	(405) 271-5249
J. Rodman Seely, MD, HA Chapman, OKC	(405) 271-6777
Shibo Li, MD, OUHSC, OKC	(405) 271-3589

Genetic Counselors

Suzanne Davidson, MS, Myriad	(918) 491-0967
Mary Floyd, CRMC, HA Chapman, Tulsa	(918) 660-3838
Susan Hassed, MS, OUHSC, OKC	(405) 271-8685
Patrick Wilson, MS, OUHSC, OKC	(405) 271-8685

Maternal Fetal Medicine Genetic Nurses, OU Medical Center, OKC

Names: Sharon Vaz, R.N. and Barbara Koop, R.N.
Phone: (405) 271-4665 or (405) 271-5026 or 1-800-937-5543

Teratogen Service 1-866-OKGENES

Hollie Hire, M.P.H., OU Medical Center, OKC (405) 271-8685

Board Certified in Genetics (directory of geneticist, by certification, in the United States can be found online at www/faseb.org/genetics)