

CNY FERTILITY CENTER

Integrative Fertility Care

www.cnyfertility.com

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CYSTIC FIBROSIS INFORMATION

The purpose of Cystic Fibrosis Carrier Testing is to determine if a person is a carrier of a Cystic Fibrosis gene. Cystic Fibrosis (CF) is an inherited disease of the lungs and other organs that shortens and worsens the lives of those affected by it. Cystic Fibrosis affects 1 in every 1,600 births in this country. Up to 3% of individuals may carry one copy of the mutation without knowing it. There is no cure for CF. If a person is found to be a carrier of a Cystic Fibrosis gene, it is recommended that their partner also be tested as a possible carrier of Cystic Fibrosis before treatment and/or conception is achieved.

When both partners in a couple are determined to be carriers of a Cystic Fibrosis gene, and a pregnancy is achieved, the child has a 1 in 4 (25%) chance of inheriting a changed copy of the gene from both parents. A child with two changed copies of the Cystic Fibrosis will develop Cystic Fibrosis.

Cystic Fibrosis carrier testing is a laboratory test usually done on a sample of blood. If testing indicates that a couple is at high risk for having a child with Cystic Fibrosis, additional testing, as well as genetic counseling, is recommended prior to conception, in order to best educate a couple and inform them of their risks of conceiving a child with Cystic Fibrosis.