

Genetic Counseling at GeneTech

Physician information: September 2005

GeneTech has been offering Genetic counseling and genetic diagnostic services for various genetic disorders. Genetic counseling helps families to understand the condition better, the nature of its inheritance, diagnosis of the condition, options of management and recurrence risks to facilitate decisions regarding future course of action.

Conditions to be benefited by genetic counseling

- Families with known history of single gene disorders like Thalassemia, Hemophilia, Duchene Muscular Dystrophy, Albinism, Achondroplasia, Spinal muscular atrophy and Cancer
- Families with children with developmental problems, congenital metabolic errors, congenital birth defects, ambiguous genitalia and mental retardation
- Bad Obstetric history, Recurrent abortions, h/o Neonatal deaths, abnormal ultrasound findings during pregnancy, increased maternal age during pregnancy, consanguineous marriages
- Primary, Male infertility, Sexual developmental problems and Amenorrhea
- Routine screening results detected risk positive for Down syndrome, trisomies and open neural tube defects

Standard process of Genetic Counseling

- Professional, Occupational, Medical and Family history data gathering
- Pedigree analysis to understand the inheritance pattern
- Test advice or interpretation of genetic test results
- Prognosis and Management of the genetic condition
- Calculation and communication of recurrence risk
- Discussion of Prevention options (Prenatal diagnosis)

Desirable information needed prior to the counseling

- All previous medical reports including diagnostic test results
- Presence of both husband and wife in the session
- Presence of the affected child or member of the family is helpful

Collaboration with international research centers

Although GeneTech is equipped to perform genetic tests for a variety of genetic disorders for certain rare conditions GeneTech will coordinate with international research laboratories. For all such research activities it is desired that families attend counseling before pregnancy and undergo Pre-conception tests for efficient prenatal diagnosis facilitated with collaboration.

Responsibility towards to community

Genetech is quality conscious. It offers diagnostic services with early reports that describe the results in detail and the future measures to be adopted. At its own cost, as a social responsibility of enhancing awareness on Genetic disorders and their primary and secondary prevention measures, Genetech has conducted over 50 GAPS to educate the people on genetics. It has offered **free** Genetic Counseling and tests at **subsidized costs** at camps incurring a heavy cost of several lakhs without compromising on the quality of services and report delivery schedule.

In order to enable access to the benefits of counseling for a larger section of people, Genetech is now offering 50% discount on counseling fee and 20% on test costs to all white card holders.

Our experienced genetic counselors counsel families Monday through Friday from 10.30AM to 5.30PM. Please call 98480-41127 for counseling appointments.



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