

Some Common Genetic Disorders:

- Down Syndrome
- Fragile X Syndrome
- Thalassaemia
- G6PD (Glucose-6-Phosphate Dehydrogenase)
- Sickle Cell Anaemia
- Haemophilia
- Duchenne Muscular Dystrophy
- Some types of Cancers, etc.

Services offered by Our Genetic Team

- Detailed Three Generations Family History
- Complete Evaluation and Examination
- Suggestion of Relevant Genetic Test including Pre Test Counselling
- Risk Assessment
- Appropriate Management
- Genetic Counselling
- Guidance and Support in Curative Therapies and Research Studies



CIMS GENETICS



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What is Genetic Counselling?

- Genetic counselling is not just psychological counselling.
- It is a process by which patients and their families are informed about inheritance patterns and genetic basis of the clinical disorder.
- Patients made to understand the occurrence and recurrence of genetic disorders in their family.
- Patients are explained about complex scientific matter in a simplified manner.
- They are guided about testing and management options if needed.



How will Genetic Consultation Help?

- Early diagnosis, initiation of appropriate management and prognosis
- To start target based therapy and new therapy guidance
- Anticipation of complications and prevention through regular surveillance
- Counselling about recurrence risk in future pregnancies and in other family members
- Prevention of genetic disease by prenatal diagnosis

Why Genetic Counselling?

Genetic counselling is becoming an important part of healthcare services because:

- Advanced technology is aiding in the discovery of new genes and as a result, genetic disorders are being identified worldwide.
- Innumerable genetic testing options are now available.
- Most of these genetic conditions can be diagnosed by interpreting a relevant genetic test.

Who should Consult Genetic Specialist?

- Anyone with a family history of a known genetic condition
- Abnormal screening test result during pregnancy
- Any woman with 2 or more pregnancy losses
- Couples who have a child with a genetic disorder, intellectual disability or birth defect
- If there are 2 or more family members affected by cancer, heart ailment, neuromuscular condition or any other illness at a young age



Our bodies are made of millions and millions of cells. Each cell is like a factory performing complex processes. All this is possible through genes which we inherit from our parents and which they inherit from theirs.

Sometimes when genes do not work in a normal manner, the person is affected by a genetic disorder. Identifying a genetic disorder and managing it puts immense burden on the family. Genetics consultation is slowly becoming an integral part of medical services.