

## Seminar 12

### Genetic Counselling in Primary Care



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Genomic medicine is an emerging medical discipline that involves using genomic information about an individual as part of their clinical care and the health outcomes and policy implications of that clinical use. Its impact in clinical care depends significantly on the successful translation and integration of cutting-edge whole genome technologies from bench to bedside. To maximize this potential, approaches to genetic counseling will need to adapt to fit the changing needs. This will require overcoming multiple challenges including an inadequate workforce; development and implementation of tailor-made models of service delivery to different communities; and integration of new technologies to improve, extend, and expand services. The result will be the empowerment of patients and families to utilize genetic information appropriately, making autonomous decisions about their care, and modifying their approach to disease risk to actively contribute to their health.

In this talk, we shall discuss the following:-

1. Genetic/Genomic issues encountered in primary care
2. The development of Genomic Medicine around the world
3. Genetic counselling in the era of Genomics Medicine
4. Are we ready for genomic medicine in Hong Kong?