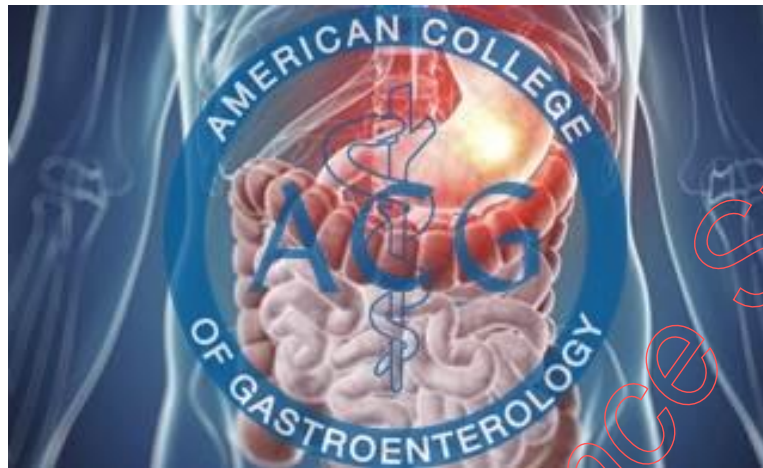


## Genetic Science Spotlight

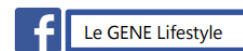
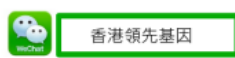
### American College of Gastroenterology (ACG) Clinical Guideline to Genetic Testing and Management of Hereditary Gastrointestinal Cancers



The recent developments in genomics and the extensive registries collected have been propelling the understanding and development of heredity cancers and has spearheaded discovery of multiple genes where germline mutations are shown to contribute to an increased risk of GI cancers. Foreseeing the important roles of genetic testing in prevention and early detection of GI cancers, ACG published a guideline specifically to discuss genetic testing and management of Lynch syndrome, familial adenomatous polyposis (FAP), attenuated familial adenomatous polyposis (AFAP), MUTYH-associated polyposis (MAP), Peutz-Jeghers syndrome, juvenile polyposis syndrome, Cowden syndrome, serrated (hyperplastic) polyposis syndrome, hereditary pancreatic cancer, and hereditary gastric cancer. The guideline outlined familial risk assessment strategy for potential inherited GI cancer susceptibility, diagnostic criteria and indications for genetic evaluation, describe the currently known associated underlying genes, and make recommendations for surveillance and management of at-risk individuals and those found to carry a definitive disease-causing mutation. A strong hold on informed consent standards was also mentioned putting emphasis in the importance of pre- and post-test counselling.

[http://gi.org/wp-content/uploads/2015/02/ACG\\_Guideline\\_Hereditary-Gastrointestinal-Cancer-Syndromes\\_February\\_2015.pdf](http://gi.org/wp-content/uploads/2015/02/ACG_Guideline_Hereditary-Gastrointestinal-Cancer-Syndromes_February_2015.pdf)

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