Traditional Genetic Counseling Work Flow

Patient Identification

Pre-Test Genetic Counseling & Follow Up

Genetic Testing

Results Disclosure & Follow Up

- -Clinician Referral
- -Self-Referral

- -Individual, in-person consultation with genetic counselor (~ 1 hour)
- -Documentation by genetic counselor

In-clinic blood draw or saliva sample

- -In-person or telephone (~ 1 hour for patients with positive results); results disclosed by genetic counselor
- Documentation
- -Referrals & Care coordination (~1 hour)
- -Annual telephone contact with positive patients to assess compliance/needs; performed by GC

Considerations for Alternate Service Delivery Models

Patient Identification

Pre-Test Genetic Counseling & Follow Up

Genetic Testing

Results Disclosure & Follow Up

- -Universal Screening (identify high-risk patients)
 - Automated (EMR algorithms; health risk assessments)
 - Navigator or Genetic counseling assistant (GCA) performs screening using high-risk criteria
- -Universal genetic testing

-Group counseling (in-

person/telemedicine)

- -Individual counseling using telehealth services
- -Video pre-test counseling
- -Chatbot pre-test counseling
- -Pre-templated documentation
- -Chatbot transcript

- -Saliva kits shipped to patient
- -Mobile phlebotomy
- -Consent forms via Docusign
- -Dissemination of educational materials electronically (EMR, e-mail)
- -Telephone disclosure and documentation of negative/variant of uncertain significance results by GCA (after GC review and approval); GC discloses positive/complicated results, documents, and coordinates follow up care.
- -Navigator performs annual follow up for highrisk/positive patients to assess compliance and barriers to care