Genetic Testing for CDKN2A and Other Melanoma Susceptibility Genes

**Invasive melanoma patients** satisfying criteria 1 or 2 below should be referred to Medical Genetics for counseling about genetic testing:

- **Criteria 1:** ≥2 close blood relatives* with invasive melanoma
- **Criteria 2:** 1 close blood relative* with invasive melanoma **AND** 1 close blood relative* with any of the following cancers:
  - Pancreatic Cancer
  - Uveal Melanoma
  - Brain Tumor (Glioma, Glioblastoma, Astrocytoma)
  - Malignant Peripheral Nerve Sheath Tumor
  - Mesothelioma
  - Renal Cell Carcinoma

* Close blood relatives: first- or second-degree relatives

**Melanoma Susceptibility Genes:** CDKN2A, CDK4, BAP1, POT1, TERT, ACD, TERF2IP, MITF (other genes may be included on initial testing panel depending upon specific cancers in family)

**Note:** Questions and new referrals for the NIH Familial Melanoma Study (NCT00040352) may be directed to Dr. Michael Sargen (michael.sargen@nih.gov).

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