Identify high-risk Review cancer pathology reports patients Invasive or intraductal carcinoma ≤45 y Triple negative ≤60 y **Breast HER2-** and metastatic **Prostate** Intraductal or metastatic Abnormal immunohistochemical/ Colon/Endometrial Microsatellite instability Diagnosis <50 y Diffuse; diagnosed <40 y Gastric Renal Cell Carcinoma Papillary type 1 Renal Cell Carcinoma Papillary type 2 Renal **Renal Cell Carcinoma Collecting duct Renal Cell Carcinoma tubulopapillary Renal Cell Carcinoma** Chromophobe/oncocytoma Medullary **Thyroid** Cribiform morular variant of papillary thyroid cancer Sex cord tumor with annular tubules Small cell carcinoma hypercalcemic **Ovarian** type **Epithelial (including peritoneal or** fallopian tube) **Pancreatic Exocrine** Somatic results indicative of Multiple tumor types germline mutations

Coordinate Genetics services

Message clinician or patient about need for genetics evaluation

Provide brief education about implications of genetic testing for patient and relatives

Coordinate referral and/or schedule genetics appointment

Record patient history and track patient status (i.e. genetics appointment scheduled; completed, etc.)