

Pancreatic Cancer Early Detection Consortium

Status: RECRUITING

Eligibility Criteria

Age: 18 years to 90 years old

This study is also accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

Individuals from the following groups who present for clinical evaluation and assessment of PDAC risk at any of the participating sites can be offered participation in the PRECEDE database: Cohort 1 Individuals without history of PDAC meeting any of the following criteria: 1. 2+ relatives with PDAC on same side of family where 2 affected are first degree related to each other and at least 1 affected is first degree related to subject; age 50+ or ≤10 years younger than earliest PDAC in family at time of diagnosis. 2. 2 affected first degree relatives with PDAC; age 50+ or 10 years younger than earliest PDAC in family 3. BRCA1, BRCA2, PALB2, ATM, MLH1, MSH2, MSH6, PMS2, EPCAM pathogenic or likely pathogenic variant AND 1 first or second degree relative with PDAC; age 50+ or 10 years younger than earliest PDAC in family 4. Familial Atypical Moles and Malignant Melanoma (FAMMM) with pathogenic or likely pathogenic CDKN2A variant; age 40+ 5. Peutz-Jegher syndrome with STK11 pathogenic or likely pathogenic variant; age 35+ 6. Hereditary pancreatitis with PRSS1 pathogenic or likely pathogenic variant and history of pancreatitis; age 40+ Cohort 2 Individuals without history of PDAC meeting any of the following criteria: 1. ATM, BRCA1, BRCA2, or PALB2 pathogenic or likely pathogenic variant regardless of family history, age 50+ 2. 2+ relatives with PDAC on the same side of family, any degree of relation, not meeting other criteria above; age 50+ or 10 years younger than earliest PDAC in family 3. 1 first degree relative with PDAC ≤ age 45; age up to 10 years younger than PDAC diagnosis in family member Cohort 3 Individual meeting criteria for Cohorts 1 or 2 EXCEPT age (i.e. too young to qualify for Cohorts 1 or 2) Cohort 4 Individuals without history of PDAC presenting for evaluation who do not meet any criteria for 1-3, 6, or the Cyst Cohort. Cohort 5 Individuals without history of PDAC who are not otherwise engaged in pancreas surveillance at a participating site may be invited to participate in the PRECEDE database and to donate a biosample (e.g. blood, saliva, and/or buccal swab) for discovery studies. This may include relatives of individuals in Cohorts 1-4,6, and the Cyst Cohort. Cohort 6a Individuals diagnosed with PDAC after enrollment in PRECEDE meeting any of the following criteria: 1. Family history includes at least one first degree relative with PDAC, or 2 relatives with PDAC who are first degree related to each other 2. Personal or family history of a pathogenic or likely pathogenic germline variant in ATM, BRCA1, BRCA2, CDKN2A, EPCAM, MLH1, MSH2, MSH6, PALB2, PMS2, PRSS1, STK11 Cohort 6b Individuals with a personal history of PDAC meeting any of the following criteria: 1. Family history includes at least one first degree relative with PDAC, or 2 relatives with PDAC who are first degree related to each other 2. Personal or family history of a pathogenic or likely pathogenic germline variant in ATM, BRCA1, BRCA2, CDKN2A, EPCAM, MLH1, MSH2, MSH6, PALB2, PMS2, PRSS1, STK11 3. Diagnosed ≤ age 45 Cyst Cohort Individuals with a personal history of a pancreatic cystic neoplasm not meeting any criteria for Cohorts 1-3 or 6 (no known family history of PDAC, no known pathogenic germline variants linked to PDAC risk)

Exclusion Criteria:

* Individuals not meeting the criteria above.

Conditions & Interventions

Conditions:

Pancreas Cancer, Pancreas Cyst, Pancreatic Ductal Adenocarcinoma, Genetic Predisposition

More Information

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Principal Investigator:

Phase:

IRB

Number:

System ID: NCT04970056

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