

The following questionnaire is for research purposes only - all rights reserved by SMART-MD LLC (a Pennsylvania Corporation). Please contact the allPANCREAS office (research@allpancreas.org) for information about participating in ongoing research studies and registries. The questionnaire is designed for the evaluation of the signs and symptoms of Recurrent & Chronic Pancreatitis.

Ordering Physician Information

Physician _____ NPI# _____
 Genetic Counselor _____
 Street address 1 _____
 Street address 2 _____
 City _____ State _____ zip code _____
 Phone _____ Fax _____
 cell phone or beeper _____ email _____

Reporting Address Check to use above address

Physician / Genetic Counselor _____
 Street address 1 _____
 Street address 2 _____
 City _____ State _____ zip code _____
 Phone _____ Fax _____
 cell phone or beeper _____ email _____

Sample Information

Study Record Number _____ Sample ID _____ Date Obtained (mm/dd/yyyy) _____

Sample Type

Cheek Swab (see instructions)
Blood (EDTA tube - lavender top)
 DNA (Amount _____ µg. Concentration: _____ µg/ml. Source: _____)
 Buffy Coat: _____
 Tissue: (Source: _____ / call lab)
 Tumor: (Source: _____ / call lab)
 Stool for Biome analysis: call lab

Has the subject had a *bone marrow* transplantation? Yes No
 Has the subject had a recent *blood transfusion*? Yes No
 If yes, date of last transfusion (mm/dd/yyyy): _____
 If a transfusion was within two weeks the results may not be reliable.

Genotyping Method Requested

- Custom SNP Chip
- Pancreatitis Panel
- Whole exome sequencing
- Whole Gnome Sequencing

Patient Information

Gender Male Female Birth (mm/yyyy) ____ ____

Ancestry - Check all that apply:

- Asian East
- Black African
- Jewish- Ashkenazi
- White - European
- Pacific Islander
- Asian South / India
- Central-South America
- Middle Eastern
- White - other
- Other: _____

Approved IRB Number: _____

Inclusion Category (check all that apply):

- RAP (recurrent acute pancreatitis)
- CP (chronic pancreatitis)
- EPI (exocrine pancreatic insufficiency)
- DM (diabetes or glucose intolerance)
- Pancreatitis-like pain
- Family history of RAP, CP, DM, PDAC

Working Diagnosis (Check all that apply):

- Alcoholic & alcohol related pancreatitis (*CLDN2*, etc)
- Autoimmune pancreatitis (isolated)
- Autoimmune pancreatitis (IgG4-related disease)
- Biliary pancreatitis
- Cystic fibrosis (*CFTR*-related), typical, atypical, other
- Drug-induced pancreatitis
- Familial pancreatitis (*SPINK1*, etc plus family history)
- Genetic** (complex genotypes, multiple genes tested)
- Idiopathic Early onset
- Idiopathic Late onset
- Hereditary pancreatitis (*PRSS1*, etc plus family history)
- Hypercalcemic pancreatitis
- Hypertriglyceridemic pancreatitis
- Johanson-Blizzard Syndrome (*JBS*, *UBR1*)
- MODY8 (*CEL*) (for other MODY gene linked to DM)
- Obstructive RAP / CP (e.g. SOD)
- Pancreas divisum
- Recurrent acute pancreatitis leading to CP
- Severe acute pancreatitis with pancreatic necrosis
- Shwachman-Diamond Syndrome (*SDS*, *SBDS*)
- Smoking related (smoking plus genetic, *CTRC* etc)
- Trauma-induced acute pancreatitis
- Other NOS:

Internal Use:

Account # _____ Account Name _____ Research Study? No Yes

Clinical Information - Check all that apply: DETAILED MEDICAL RECORDS SHOULD BE ATTACHED (with patient consent)

Pancreatic PMHx / Dx

- Cystic Fibrosis**
 - CF + NEC (e.g. DM) E84.8
 - CF unspecified E84.9
- Acute pancreatitis**
 - alcoholic K85.2
 - biliary K85.1
 - drug-induced K85.3
 - idiopathic K85.0
 - hereditary K85.9
 - specified NEC: K85.8
 - autoimmune, add M35.9
 - Other K85.9
- Chronic Pancreatitis**
 - chronic (infectious) K86.1
 - alcohol K86.0
 - obstructive K86.1
 - relapsing (RAP) K86.1
 - idiopathic K86.1
 - chronic - other NOS K86.1
 - (combine with AP Dx)
- Pancreas Divisum Q45.3
- other malformation Q45.3
- Pancreatic trauma S36.221S
- Pancreatic transplant
 - For diabetes Z94.83
 - Islet autotransplant Z94.89
- Shwachman-Diamond syndrome
- Other:

Complications of pancreatitis*

- Pancreas complications**
 - cysts (true) K86.2
 - pseudocysts K86.3
 - fibrosis (chronic) K86.1
 - malabsorption K90.9
 - steatorrhea K90.3
 - pain - chronic (ROS) G89.28
 - pain - central G89.0
- Diabetes Mellitus**
 - Hyperglycemia R73.9
 - Diabetes Type 1
 - with complications E10.8
 - no complications E10.9
 - Diabetes Type 2
 - with complications E11.8
 - no complications E11.9
 - MODY E11.9
 - hypoglycemia
 - with coma E11.41
 - without coma E11.49
 - Diabetes 3c (from CP) E13
- Pancreatic neoplasm**
 - cystadenoma D13.6
 - IPMN D13.6
 - Neuroendocrine D13.7
 - MEN 1 E31.21
 - MEN 2 E31.22
 - Carcinoid C7A.094
 - Pancreatic cancer C25.3
 - Carcinoma in situ D01.7

PMHx / Dx

- General PMHx / Dx**
 - Hypertension I10
 - Atherosclerosis I70.90
 - Sinusitis, chronic J32.9
 - Bronchitis, chronic J42
 - COPD J42.9
 - Renal - CRF N18.6
 - dialysis dependent Z99.2
 - Male infertility NE N46.8
 - Hypercalcemia E85.52
 - Hypertriglyceridemia 272.1
 - Fredrickson IV-pure E78.1
 - Fredrickson III (DM) E78.2
 - Fredrickson V (HTG + chylomicrons) E78.3
- Digestive System PMHx**
 - Gastroparesis K31.84
 - Celiac disease K90.0
 - Gastric ulcer K25.9
 - Duodenal ulcer K26.9
 - Cholecystitis, acute K81.0
 - Cholecystitis, chronic K81.1
 - Hepatitis, Abn. LFT R94.5
 - viral, chronic B18
 - alcoholic - fibrosis K70.2
 - NASH K75.81
 - cirrhosis K74.60
 - Inflammatory bowel
 - Crohn's K50.9
 - Ulcerative colitis K51.9

Social History / SHx

- Alcohol**
 - alcohol-active F10.20
 - alcohol - remission F10.21
 - year drinking stopped _____
 - alcohol withdrawal F10.239
 - Drinks on drinking day _____
 - Drinking days per week _____
 - Years maximal drinking _____
- Cigarettes** F17.21
 - active F17.210
 - remission F17.211
 - Packs per day _____
 - Years of smoking _____

Review of Symptoms

- Chronic cough R05
- Nausea R11.0
- Anorexia R63.0
- Weight loss (Dz) R63.4
 - Add MS-DRB 640*
- Abdominal pain
 - Upper/epigastric R10.0
 - Constant pain
 - Episodic pain
- Flatulence R14.3
- Diarrhea R19.7
- Steatorrhea K90.3
- Constipation K59.00
- Anxiety F41.9
- Depression (major) F33.9

*MCC Nutrition/Metabolism MS-DRG 640 codes. see <http://www.icd10data.com/ICD10CM/DRG/640>

**codes that are defined as either a complication or comorbidity (CC) or a major complication or comorbidity (MCC) when used as a secondary diagnosis

***Not Elsewhere Classified (NEC) [e.g. documentation without code] is favored over Not Otherwise Specified (NOS) [e.g. poor documentation]

Family History # relatives with:

- Pancreatitis: _____
- Diabetes: _____
- Hypertriglyceride: _____
- Pancreatic cancer: _____
- Breast cancer: _____
- Ovarian cancer: _____
- Colon cancer: _____

Medication History

- Multi-vitamin
- Pancreatin
- H2 blocker
- PPI
- Diabetes:
 - metformin
 - sulfonylurea
 - GLP-1 / DPP-4
 - Insulin (<20 U/d) Z79.4
 - Insulin (=>20 U/d) Z79.4
- Glucocorticoids
- NSAID
- Narcotic analgesic
- gabapentin (Neurontin)
- pregabalin (Lyrica)
- Other 1: _____
- Other 2: _____
- Other 3: _____

Surgical History*

- Partial pancreatectomy (Whipple)
- Peustou
- Roux-en-Y / Billroth II
- Gastric bypass surgery
- Other:

Physical exam

- Height (inches) _____
- Weight (pounds) _____
- Maximum in life _____
- Waist (at navel) _____
- Epigastric tender R10.826
- Neuropathy G90.9
- Cachexia >10% loss R64
- Alcohol Stigmata F10.988

Pancreas Pain? (if checked --> continue)

Pancreas Pain Frequency:

- Episodic: mild severe
- Continuous: mild severe

Pancreatic Pain Character:

- type: none mild mod. severe
- Aching:
 - Sharp:
 - Tender:
 - Burning:
 - Tiring:
 - Cruel:

Laboratory* recent value

- During symptoms? yes, no (value)
- HGB _____
 - MCV _____
 - WBC _____
 - lymph _____
 - mono. _____
 - CRP _____
 - amylase _____
 - lipase _____
 - trypsinogen _____
 - IgG4 _____
 - glucose _____
 - HbA1c _____
 - T.bili _____
 - Alt _____
 - Alk phos _____
 - Albumin _____
 - Calcium _____
 - Triglyceride _____
 - HDL _____
 - Vitamin def. _____
 - Other 1: _____
 - Other 2: _____

*check if done, add value if the results were abnormal.

Imaging*

- Abnormal Imaging R93.5
- c/w acute pancreatitis
- enlarged, c/w AIP
- Inflammatory mass
- Mass c/w tumor
- Pancreatic fibrosis
- Pancreatic calcifications
- Pancreatic atrophy
- Pancreatic cysts
- Ductal pathology
 - dilated c/w CP
 - dilated c/w IPMN
 - dilated c/w obstruction
- Cambridge Class: year _____
 - 1 2 3 4 5

Pancreatic Function Test*

- glucose tolerance test
- fecal fat (e.g sudan)
- fecal fat - 72 hour
- fecal elastase
- secretin-MRI (MRCP)
- serum trypsinogen
- tubed secretin test

* Attach value & date if abnormal