

**FORM7APANCINJ_SPEC Dataset
Variables**

1

Variable Number	Variable Name	Variable Type	Variable Length	Variable Label
1	SubjectID	Numeric	8	Subject ID
2	Laparot	Numeric	8	Laparotomy/Laparoscopy procedure
3	PancInj	Numeric	8	Pancreatic injury at laparotomy/laparoscopy
4	LaparotGradeInj	Numeric	8	Grade of injury at laparotomy/laparoscopy
5	LapGrade1or2	Numeric	8	If grade 1 or 2, specify
6	LapGrade3or4or5	Numeric	8	If grade 3, 4, or 5, specify
7	LapPancDuctStat	Numeric	8	Pancreatic duct status on laparotomy/laparoscopy
8	AbdCT	Numeric	8	Abdominal CT Scan
9	CTPancInj	Numeric	8	Pancreatic injury on CT scan
10	CTGradeInj	Numeric	8	Grade of injury at CT
11	CTGrade1or2	Numeric	8	If grade 1 or 2, specify
12	CTGrade3or4or5	Numeric	8	If grade 3, 4, or 5, specify
13	CTPancDuctStat	Numeric	8	Pancreatic duct status on CT
14	MRI	Numeric	8	MRI
15	MRIPancInj	Numeric	8	Pancreatic injury on MRI
16	MRIGradeInj	Numeric	8	Grade of injury at MRI
17	MRIGrade1or2	Numeric	8	If grade 1 or 2, specify
18	MRIGrade3or4or5	Numeric	8	If grade 3, 4, or 5, specify
19	MRIPancDuctStat	Numeric	8	Pancreatic duct status on MRI
20	ERCP	Numeric	8	ERCP
21	ERCPPancInj	Numeric	8	Pancreatic injury on ERCP
22	ERCPGradeInj	Numeric	8	Grade of injury at ERCP
23	ERCPGrade1or2	Numeric	8	If grade 1 or 2, specify
24	ERCPGrade3or4or5	Numeric	8	If grade 3, 4, or 5, specify
25	ERCPPancDuctStat	Numeric	8	Pancreatic duct status on ERCP
26	PancEnz	Numeric	8	Elevated pancreatic enzymes
27	HighLip	Numeric	8	Highest lipase
28	LipDay	Numeric	8	Day of Highest Lipase (relative to ED triage)
29	LipTime	Character	6	Time of highest lipase
30	NoLip	Numeric	8	No lipase measured during the ED or hospitalization
31	HighAm	Numeric	8	Highest amylase
32	AmDay	Numeric	8	Day of Highest Amylase (relative to ED triage)
33	AmTime	Character	9	Time of highest amylase
34	NoAm	Numeric	8	No amylase measured during the ED or hospitalization
35	PancInjClin	Numeric	8	Clinical suspicion of pancreatic injury

**FORM7APANCINJ_SPEC Dataset
Variables**

Variable Number	Variable Name	Variable Type	Variable Length	Variable Label
36	PancInjReas	Character	10	Reason for pancreatic injury
37	Autopsy	Numeric	8	Autopsy
38	AutoPancInj	Numeric	8	Autopsy evidence of pancreatic injury
39	AutoGradeInj	Numeric	8	Grade of injury at autopsy
40	AutoGrade1or2	Numeric	8	If grade 1 or 2, specify
41	AutoGrade3or4or5	Numeric	8	If grade 3, 4, or 5, specify
42	AutoPancDuctStat	Numeric	8	Pancreatic duct status on autopsy
43	PancInjOt	Numeric	8	Pancreatic injury id by other means
44	PancInjOtMethod	Character	19	Method pancreatic injury identified
45	OtGradeInj	Numeric	8	Grade of injury identified by other means
46	OtGrade1or2	Numeric	8	If grade 1 or 2, specify
47	OtGrade3or4or5	Numeric	8	If grade 3, 4, or 5, specify
48	InjurLoc	Numeric	8	Pancreas injury location more than one
49	Comments	Character	62	Additional Comments

FORM7APANCINJ_SPEC Dataset
Variable Summaries

3

	N	%
Laparotomy/Laparoscopy procedure		
Yes	19	35
No	36	65
All	55	100

	N	%
Pancreatic injury at laparotomy/laparoscopy		
Yes	17	94
No	1	6
All	18	100

	N	%
Grade of injury at laparotomy/laparoscopy		
AAST Grade 1 or 2	11	65
AAST Grade 3, 4, or 5	6	35
All	17	100

	N	%
If grade 1 or 2, specify		
AAST Grade I: Hematoma-minor contusion without duct injury, or Laceration- superficial laceration without duct injury	6	55
AAST Grade II: Hematoma-major contusion without duct injury or tissue loss, or Laceration- major laceration without duct injury or tissue loss	4	36
Unclear if Grade 1 or Grade 2	1	9
All	11	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

	N	%
If grade 3, 4, or 5, specify		
AAST Grade III: Laceration-distal transection or parenchymal injury with duct injury	2	33
AAST Grade IV: Laceration-proximal transection or parenchymal injury involving ampulla (proximal pancreas is to the patients' right of the superior mesenteric vein)	3	50
Unclear if Grade 3, 4, or 5	1	17
All	6	100

	N	%
Pancreatic duct status on laparotomy/laparoscopy		
Duct transected	4	24
Duct not transected	8	47
Duct status indeterminate despite clear mention of attempt at ascertainment	1	6
Attempt to ascertaining duct status not mentioned in laparotomy/laparoscopy report or medical record	4	24
All	17	100

	N	%
Abdominal CT Scan		
Yes	55	98
No	1	2
All	56	100

	N	%
Pancreatic injury on CT scan		
Yes	35	65
No	19	35
All	54	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

5

	N	%
Grade of injury at CT		
AAST Grade 1 or 2	20	56
AAST Grade 3, 4, or 5	6	17
Only CT finding is fluid around the pancreas	7	19
Unable to determine pancreatic injury grade by CT report	3	8
All	36	100

	N	%
If grade 1 or 2, specify		
AAST Grade I: Hematoma-minor contusion without duct injury, or Laceration- superficial laceration without duct injury	10	50
AAST Grade II: Hematoma-major contusion without duct injury or tissue loss, or Laceration- major laceration without duct injury or tissue loss	4	20
Unclear if Grade 1 or Grade 2	6	30
All	20	100

	N	%
If grade 3, 4, or 5, specify		
AAST Grade III: Laceration-distal transection or parenchymal injury with duct injury	2	33
AAST Grade IV: Laceration-proximal transection or parenchymal injury involving ampulla (proximal pancreas is to the patients' right of the superior mesenteric vein)	3	50
AAST Grade V: Massive disruption of pancreatic head	1	17
All	6	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

6

	N	%
Pancreatic duct status on CT		
Duct not transected	3	8
Duct status indeterminate on CT	4	11
No mention of duct status on CT	31	82
All	38	100

	N	%
MRI		
Yes	2	4
No	54	96
All	56	100

	N	%
Pancreatic injury on MRI		
Yes	1	50
No	1	50
All	2	100

	N	%
Grade of injury at MRI		
AAST Grade 1 or 2	1	100
All	1	100

	N	%
If grade 1 or 2, specify		
AAST Grade II: Hematoma-major contusion without duct injury or tissue loss, or Laceration- major laceration without duct injury or tissue loss	1	100
All	1	100

	N	%
Pancreatic duct status on MRI		
Duct not transected	2	100
All	2	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

7

	N	%
ERCP		
Yes	2	4
No	54	96
All	56	100

	N	%
Pancreatic injury on ERCP		
No	2	100
All	2	100

	N	%
Elevated pancreatic enzymes		
Yes	51	91
No	5	9
All	56	100

	N	Min	Max	Mean	SD	Q1	Med	Q3
Highest lipase	50	35	12,898	1,254	2,212	194	595	1,138

	N	%
Day of Highest Lipase (relative to ED triage)		
-303	1	2
-31	1	2
-30	1	2
0	21	42
1	13	26
2	3	6
3	2	4
4	1	2
5	3	6
6	1	2
366	3	6
All	50	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

8

	N	%
No lipase measured during the ED or hospitalization		
No lipase measured during the ED evaluation or hospitalization	1	100
All	1	100

	N	Min	Max	Mean	SD	Q1	Med	Q3
Highest amylase	49	33	2,802	355	487	125	177	391

	N	%
Day of Highest Amylase (relative to ED triage)		
-303	1	2
-29	1	2
-9	1	2
0	20	41
1	15	31
2	4	8
3	1	2
5	1	2
6	1	2
12	1	2
26	1	2
366	1	2
370	1	2
All	49	100

	N	%
No amylase measured during the ED or hospitalization		
No amylase measured during the ED evaluation or hospitalization	2	100
All	2	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

	N	%
Clinical suspicion of pancreatic injury		
No	56	100
All	56	100

	N	%
Autopsy		
Yes	2	4
No	54	96
All	56	100

	N	%
Autopsy evidence of pancreatic injury		
Yes	1	50
No	1	50
All	2	100

	N	%
Grade of injury at autopsy		
AAST Grade 1 or 2	1	100
All	1	100

	N	%
If grade 1 or 2, specify		
AAST Grade I: Hematoma-minor contusion without duct injury, or Laceration- superficial laceration without duct injury	1	100
All	1	100

	N	%
Pancreatic duct status on autopsy		
Duct not transected	1	100
All	1	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

10

	N	%
Pancreatic injury id by other means		
Yes	2	4
No	54	96
All	56	100

	N	%
Method pancreatic injury identified		
Elevated Lipase	1	100
All	1	100

	N	%
Grade of injury identified by other means		
AAST Grade 1 or 2	1	100
All	1	100

	N	%
If grade 1 or 2, specify		
AAST Grade II: Hematoma-major contusion without duct injury or tissue loss, or Laceration- major laceration without duct injury or tissue loss	1	100
All	1	100

	N	%
Pancreas injury location more than one		
No	30	54
Yes	7	13
Unclear if the pancreas was injured in > 1 location	19	34
All	56	100

FORM7APANCINJ_SPEC Dataset
Variable Summaries

	N	%
Additional Comments		
"Added [date redacted]"	1	17
"ERCP - Failed"	1	17
"ME report not available" "ME report in chart"	1	17
"added [date redacted]"	1	17
"diffusely swollen pancreas" "Diffusely swollen"	1	17
"no laceration"	1	17
All	6	100