

Appendices

Supplementary Table 1a. Diagnostic coding database for malignant pancreatic tumor

CODE	DIAGNOSTIC
C250	Malignant tumor of pancreatic head
C251	Malignant tumor of pancreatic body
C252	Malignant tumor of pancreatic tail
C253	Malignant tumor of pancreatic duct
C257	Malignant tumor of other parts of pancreas
C259	Malignant tumor of pancreas without precision
C259+0	Malignant tumor of pancreas with family history
C259+8	Malignant tumor of pancreas other kind non precised

Supplementary Table 1b. Diagnostic coding database for GIB

CODE	DIAGNOSTIC
I850	Bleeding esophageal varices
I9820	Esophageal varices during bleeding disease
I983	Bleeding esophageal varices during other diseases
K226	Gastric and esophageal hemorrhagic shredding syndrome
K250	Gastric bleeding acute ulcer
K254	Gastric bleeding chronic ulcer
K260	Duodenal bleeding acute ulcer
K262	Duodenal bleeding acute ulcer with perforation
K264	Duodenal bleeding chronic ulcer
K270	Digestive bleeding acute ulcer with non precise location
K290	Acute bleeding gastritis
K922	Gastro-intestinal bleeding without precision

Supplementary Table 2. Causes and anatomical sites of gastrointestinal bleeding

	n=94	%
Tumor invasion of digestive tract	53	56.4
<i>Duodenum</i>	<i>40</i>	
<i>Stomach</i>	<i>10</i>	
<i>Gastro-jejunal anastomosis</i>	<i>2</i>	
<i>Colon</i>	<i>1</i>	
Left-side portal hypertension (without cirrhosis)	18	19.1
<i>Esophageal varices</i>	<i>15</i>	
<i>Gastric varices</i>	<i>2</i>	
<i>Duodenal varices</i>	<i>1</i>	
Radiation-induced gastritis	9	9.6
Other causes*	5	5.3
Non malignant ulcers	3	3.2
<i>Gastric</i>	<i>1</i>	
<i>Duodenum</i>	<i>1</i>	
<i>Gastro-jejunal anastomosis</i>	<i>1</i>	
No documentation	6	6.4

* Hemobilia (2), Mallory-Weiss (1), DICS (1), radiation proctitis (1)

Supplementary Table 3. Analysis of the different possible prognostic factors of survival in the 72 patients with pancreatic adenocarcinoma and intestinal bleeding

	HR	IC 95%	p-value
<i>Univariate analysis*</i>			
Age <70 years	1.03	(0.59-1.79)	0.928
Gender : male	0.89	(0.52-1.49)	0.645
Pancreatic head location	0.96	(0.55-1.66)	0.874
Non-metastatic stage	0.77	(0.47-1.27)	0.305
Non-progressive tumor	0.59	(0.36-0.99)	0.045
Hb <7g/dl	0.96	(0.58-1.57)	0.859
GIB before 2015	0.69	(0.42-1.13)	0.139
APA or AC therapy	1.68	(1.0-2.85)	0.052
Other cause than tumor invasion	0.56	(0.34-0.94)	0.029
Hematemesis	0.96	(0.54-1.69)	0.882
Time from disease diagnosis	0.97	(0.59-1.59)	0.905
<i>Multivariate analysis</i>			
Non-progressive tumour	0.5	(0.29-0.86)	0.012
GIB before 2015	0.68	(0.41-1.12)	0.131
APA or AC therapy	1.42	(0.83-2.43)	0.203
Other cause than tumor invasion	0.55	(0.32-0.94)	0.03

* No colinearity among tested variables

GIB : gastrointestinal bleeding ; APA: anti-platelet agent; AC: anticoagulant therapy;