

Key Words

A			cholecystectomy	753, 903	ethanol	245	
acute cholecystitis	138, 753, 850		cholecystitis	154, 219	EUS	11, 133	
additional resection	161, 174		cholecystohepatic duct	245, 903	EUS-BD	193	
ampullary adenocarcinoma	202		cholecystolithiasis	133	EUS-FNA	827, 886	
ampullary adenoma	202		cholescintigraphy	810	EUS-GBD	850	
ampullary tumor	911, 923		chronic cholecystitis	133	EUS-guided gallbladder drainage	850	
anaplastic carcinoma with osteoclast-like giant cells	895		clinicopathological feature	148	extrahepatic cholangiocarcinoma	72	
anomaly	903		common bile duct stone	786	eye tracking	856	
artificial intelligence	856		complete response	819	F		
autoimmune pancreatitis	838		confluence stone	256	Farrar's diagnostic criteria	99	
B			congenital biliary dilatation	830	fistulotomy	121	
bailout procedure	844		contrast enhanced ultrasonography	90	flat intraepithelial carcinoma	911	
benign biliary stenosis	115, 844		D			floating gallbladder	138
bile duct anatomy	62		diagnostic reference level (DRL)	82	G		
bile duct cancer	211		diffuse large cell B-cell lymphoma (DCLBC)	278	gall bladder cancer	107	
bile duct injury	62, 245, 903		diffusion weighted image	21	gallbladder	251, 886	
bile duct involvement	762		direct cholangioscopy	774	gallbladder cancer	133, 161, 174, 211, 270, 824, 844	
bile duct orifice	121		disease recurrence	264	gallbladder disorder	810	
bile duct resection	228		distal bile duct	895	gallbladder neuroendocrine tumor	795	
bile duct stones	27, 774		distal bile duct cancer	54	gallbladder torsion	138	
bile duct tissue sampling	872		dominant stricture	129	gallbladder tumor	90, 278	
biliary ablation	245		duodenal papillitis	911	gastroduodenal artery	863	
biliary duct neoplasm	21		duodenal perforation	254	GCS	819	
biliary endoscopy	11		E			giant cell tumor	895
biliary stent	72		endobiliary radiofrequency ablation	72	H		
biliary thrombus	118		endoscopic fluoroscopy	856	hemobilia	118	
biliary tract anomaly	879		endoscopic gallbladder stenting	753	hepatectomy	228, 903	
biliary tract cancer	872		endoscopic papillectomy	202	hepatic artery	863	
biliary tumor thrombus	228		endoscopic retrograde cholangiopancreatography	27	hepatic caudate lobe lesion	827	
BiIN	824, 911		endoscopic transpapillary gallbladder drainage	753	hyperplasia of the gallbladder	270	
biliobiliary fistula	879		endoscopic ultrasound	923	I		
bridge to surgery	753		EndoSheather	54	ICPN	99	
C			endosonography	27	IgG4-related lymphadenopathy	802	
carcinoma of the ampulla of Vater	238		eosinophilic cholangiopathy	802	IgG4-related sclerosing cholangitis	838	
carcinosarcoma	251		Epstein-Barr virus (EBV)	278	immune checkpoint inhibitor	917	
cholangiocarcinoma	129, 174, 774, 819, 838		ERC	54	immunosuppressant	278	
cholangiogram	838		ERCP	11, 129, 193, 202, 254	immunosuppression	219	
cholangitis	27, 774, 917						

intraductal papillary mucinous neoplasm	21			PTGBD	154
intraductal papillary neoplasm of the bile duct	148				
IPMN	148				
IPNB	148				
irAE	917				
		K			
KOEDA	850				
		L			
landmark	62				
laparoscopic cholecystectomy	62, 245				
laparoscopic surgery	256, 830				
lateral extent	774				
left sided gall bladder	107				
lens exposure	82				
liver transplantation	184, 264				
long-term prognosis	762				
		M			
magnetic compression anastomosis	115				
magnetic resonance imaging	21				
malignant biliary obstruction	72				
malignant disease	154				
malignant hilar biliary obstruction	193				
mapping biopsies	872				
mapping biopsy	54				
metachronous	211				
metastatic liver tumor	115				
migrating motor complex	786				
Mirizzi syndrome	879				
Mirizzi's syndrome	256				
multi-step carcinogenesis	824				
multiple gallbladder carcinoma	795				
myeloma	90				
		N			
		national survey	129		
		neuro endocrine neoplasm (NEN)	923		
		neuroendocrine carcinoma	238, 251, 886		
		O			
		occupational radiation exposure	82		
		oncological eliminability	184		
		organ transplantation	219		
		Over-the-Scope-Clip	254		
		P			
		pancreatic stent	202		
		pancreatic tumor	90		
		pancreaticobiliary maljunction	830		
		pancreaticobiliary maljunction without biliary dilation	211		
		pancreaticoduodenectomy	923		
		pancreatobiliary maljunction	270		
		pancreatoduodenectomy	863		
		partial cholecystectomy	879		
		pathological diagnosis	174		
		patient radiation exposure	82		
		perihilar bile duct	228		
		perihilar cholangiocarcinoma	54, 184		
		peroral cholangioscopy	99, 118		
		plasmacytoma	90		
		portal vein tumor thrombus	238		
		post-transplant lymphoproliferative disorders (PTLD)	278		
		postoperative therapy	174		
		precut	121		
		preoperative gallbladder drainage	850		
		primary biliary cholangitis	810		
		primary hepatic neuroendocrine tumor	228		
		primary sclerosing cholangitis	129, 264, 824, 838		
		R			
		radiation exposure	82		
		radiation exposure time	856		
		radiation protection	856		
		relapse	762		
		right sided round ligament	107		
		Rouviere's sulcus	62		
		S			
		sclerosing cholangitis	21		
		self-expandable metallic stent	193		
		SO manometry	786		
		sphincter of Oddi	786		
		steroid	802		
		steroid-dependent	762		
		superficial extension	911		
		surgery	795		
		surgical management	115		
		systemic lymphadenopathy	802		
		T			
		T2 gallbladder cancer	161		
		tapered-tip sheath system	872		
		technical resectability	184		
		thickening of the bile duct wall	802		
		transpapillary biliary stricture biopsies	872		
		transplant oncology	184		
		two-stage resection	161		
		type 1 autoimmune pancreatitis	762		
		V			
		variation	863		
		X			
		xanthogranulomatous cholecystitis	844		