

**Supplementary Material 4.** The most frequent words (Keywords Plus) of articles of Clinical Endoscopy in the Web of Science Core Collection generated from the Document menu of Biblioshiny on July 12, 2021.

Words	Occurrences
management	67
diagnosis	63
cancer	43
eus	38
efficacy	37
outcomes	34
complications	30
submucosal dissection	30
resection	29
multicenter	28
experience	25
guidelines	25
risk	25
feasibility	24
risk-factors	24
safety	24
colonoscopy	23
colorectal-cancer	23
lesions	23
carcinoma	20
long-term outcomes	18
metaanalysis	18
tumors	18
ercp	16
therapy	16
endoscopy	15
impact	15
mucosal resection	15
ultrasonography	15
weight-loss	15
follow-up	14
system	14
biopsy	13
classification	13
early gastric-cancer	13
features	13
placement	13
ultrasound	13
yield	13
accuracy	12
device	12
stomach	12

Words	Occurrences
strictures	12
trial	12
clinical-outcomes	11
diagnostic-accuracy	11
injection	11
neoplasia	11
prevalence	11
surgery	11
fine-needle-aspiration	10
polyps	10
quality	10
randomized-trial	10
randomized controlled-trial	10
removal	10
double-balloon enteroscopy	9
endoscopic submucosal dissection	9
gastrointestinal endoscopy	9
retrograde cholangiopancreatography	9
survival	9
ulcerative-colitis	9
aspiration	8
bile-duct stones	8
capsule endoscopy	8
disease	8
fna	8
lymph-node metastasis	8
prevention	8
society	8
sphincterotomy	8
tract	8
video	8
closure	7
crohns-disease	7
dissection	7
epidemiology	7
eus-fna	7
gastrointestinal-tract	7
mortality	7
obesity	7
obstruction	7
peptic-ulcer	7
performance	7

## Supplementary Material 4. (Continued)

Words	Occurrences
polypectomy	7
predictors	7
radiofrequency ablation	7
recurrence	7
small-bowel	7
squamous-cell carcinoma	7
surveillance	7
apposing metal stent	6
bariatric surgery	6
colorectal polyps	6
diagnostic yield	6
differential-diagnosis	6
double-blind	6
emr	6
endoscopic treatment	6
expandable metal stents	6
hemorrhage	6
infection	6
neoplasms	6
pancreaticoduodenectomy	6
stromal tumors	6
transmural drainage	6
adenocarcinoma	5
adenoma detection rate	5
adenomas	5
children	5
cirrhotic-patients	5
clinical impact	5
competence	5
confocal laser endomicroscopy	5
ct	5
drainage	5
endoscopic retrograde cholangiopancreatography	5
endoscopic ultrasound	5
eradication	5
esophagus	5
failed ercp	5
fibrin glue	5
helicobacter-pylori eradication	5
hemostasis	5
inflammatory-bowel-disease	5
masses	5

Words	Occurrences
miss rate	5
muscularis propria layer	5
pancreatic fluid collections	5
pancreatography	5
percutaneous cholecystostomy	5
plastic stents	5
post-ercp pancreatitis	5
pseudocyst drainage	5
quality indicators	5
success	5
the-scope clip	5
upper gastrointestinal-tract	5
access	4
acute cholecystitis	4
adenoma detection	4
adverse events	4
angiography	4
balloon enteroscopy	4
barretts-esophagus	4
biliary	4
brush cytology	4
cirrhosis	4
cold snare polypectomy	4
colon	4
cytology	4
diseases	4
endoscopic management	4
endoscopic ultrasonography	4
enteroscopy	4
european-society	4
full-thickness resection	4
gallbladder drainage	4
gastric subepithelial tumors	4
gastrointestinal stromal tumors	4
guideline	4
intra-gastric balloon	4
intrahepatic portosystemic shunt	4
korea	4
laparoscopic heller myotomy	4
magnifying endoscopy	4
metal stents	4
migration	4

**Supplementary Material 4.** (Continued)

Words	Occurrences
mucosa	4
natural-history	4
necrotizing pancreatitis	4
needle	4
pancreatitis	4
patient	4
perforations	4
photodynamic therapy	4
poem	4
portal-hypertension	4
prediction	4
propofol	4
prospective multicenter	4
prospective randomized-trial	4
rates	4
ring cell-carcinoma	4
single-center experience	4
sleeve gastropasty	4
submucosal tumors	4
therapeutic outcomes	4
time	4
tissue acquisition	4
transmission	4
tumor	4
validation	4
adequacy	3
anatomy	3
angiogenesis	3
argon plasma coagulation	3
band ligation	3
benign	3
bile-duct	3
bile-duct obstruction	3
bile-duct strictures	3
biliary drainage	3
bodies	3
bowel preparation	3
case series	3
cholangiography	3
cholangiopancreatocopy	3
chromoendoscopy	3
clinical-practice guidelines	3

Words	Occurrences
colonic polyps	3
colonoscopic polypectomy	3
complication	3
computed-tomography	3
conscious sedation	3
consecutive patients	3
conventional colonoscopy	3
ct colonography	3
dilatation	3
dilation	3
disruption	3
divisum	3
donor liver-transplantation	3
duct	3
endobarrier gastrointestinal liner	3
esophagogastroduodenoscopy	3
eus-guided drainage	3
expandable metal stent	3
failure	3
fistulas	3
future	3
gastric-cancer	3
gastric balloon	3
gastric bypass	3
gastroenterology	3
gastroesophageal-reflux disease	3
helicobacter-pylori	3
hepaticogastrostomy	3
hilar cholangiocarcinoma	3
histology	3
human-experience	3
images	3
in-vivo	3
incomplete colonoscopy	3
indicators	3
intervention	3
intestinal metaplasia	3
lavage	3
malignant biliary obstruction	3
necrosis	3
nurses	3
otsc	3

## Supplementary Material 4. (Continued)

Words	Occurrences
palliation	3
palliative treatment	3
perforation	3
pillcam colon	3
polyglycolic acid sheets	3
population	3
predictive factors	3
prognostic-factors	3
screening colonoscopy	3
single-center	3
specimens	3
stenosis	3
stents	3
subepithelial tumors	3
surgeons	3
tissue	3
tract complications	3
utility	3
y gastric bypass	3
1st	2
absolute	2
accurate	2
adenoma	2
adult	2
adults	2
age	2
air insufflation	2
altered gastrointestinal anatomy	2
aspiration biopsy	2
association	2
balloon dilatation	2
balloon tamponade	2
benign biliary strictures	2
bile leaks	2
burnout	2
bypass	2
cancers	2
cannulation	2
carbon-dioxide	2
carcinoid-tumors	2
cardioverter-defibrillators	2
cecal intubation	2

Words	Occurrences
chemoradiotherapy	2
cholangiocarcinoma	2
cholangioscopy	2
cholecystectomy	2
choledochooduodenostomy	2
clip	2
clostridium-difficile infection	2
colonic perforation	2
colonoscopy surveillance	2
colorectal-cancer incidence	2
colorectal neoplasia	2
common bile-duct	2
computer-aided diagnosis	2
consensus guidelines	2
consensus recommendations	2
controlled-trial	2
cooperative surgery	2
counter traction	2
covered metal stent	2
criteria	2
cystic duct	2
deep sedation	2
delineation	2
design	2
disinfection	2
duct drainage	2
duodenal diverticula	2
dysphagia	2
dysplasia	2
early enteral nutrition	2
electromagnetic-interference	2
en-bloc resection	2
endocrine neoplasia type-1	2
endocrine tumors	2
endoscopic closure	2
endoscopic mucosal resection	2
endosonography	2
erythromycin	2
esophageal-perforation	2
esophageal-varices	2
esophageal achalasia	2
esophagogastric junction	2

**Supplementary Material 4.** (Continued)

Words	Occurrences
ethanol ablation	2
eus-guided fna	2
expandable metallic stents	2
expanding metal stents	2
fibrosis	2
fiducial placement	2
fine-needle biopsy	2
fistula	2
forceps biopsy	2
forceps polypectomy	2
full-thickness	2
gas embolism	2
gastrectomy	2
gastric fundal varices	2
gastric outlet obstruction	2
gastroenterology european-society	2
gastrojejunostomy	2
gi tract	2
guided gastrojejunostomy	2
guided radiofrequency ablation	2
head	2
high-risk	2
high-risk patients	2
improve	2
increases	2
injury	2
interobserver	2
interventions	2
intestinal microbiota	2
intraductal extension	2
invasion depth	2
jejunal bypass liner	2
ki-67 index	2
knife	2
laparoscopic cholecystectomy	2
laparoscopic sleeve gastrectomy	2
large mucosal defects	2
laterally spreading tumors	2
learning-curve	2
ligation	2
ligation device	2
long-term	2

Words	Occurrences
lymphoma	2
magnetic compression anastomosis	2
magnifying chromoendoscopy	2
malignancy	2
malignant biliary	2
mediastinal emphysema	2
melanoma	2
metabolic therapies	2
metal stent	2
metastasis	2
midazolam	2
mixed histology	2
neoplasm	2
non-hodgkins-lymphoma	2
occlusion	2
oddi	2
oral sodium-phosphate	2
overtube	2
pacemakers	2
pain	2
pancreas	2
pancreatic-cancer	2
papillary mucinous neoplasm	2
peg	2
percutaneous drainage	2
percutaneous transhepatic cholangioscopy	2
physicians	2
pneumatic dilation	2
polyethylene-glycol	2
polyp detection rate	2
principles	2
procore	2
professionals	2
prognosis	2
prophylactic clip closure	2
proton-pump inhibitors	2
purgative preparation	2
push enteroscopy	2
pyloromyotomy	2
randomized trial	2
recommendations	2
reconstruction	2

## Supplementary Material 4. (Continued)

Words	Occurrences
safe	2
scale	2
sclerotherapy	2
score	2
sedation	2
severity	2
small colorectal polyps	2
society-task-force	2
society task-force	2
solid lesions	2
sphincter	2
spontaneous rupture	2
sporadic insulinoma	2
stent	2
stiffness measurement	2
stricture	2
subcutaneous emphysema	2
submucosal lesions	2
surgical bypass	2
term-follow-up	2
term follow-up	2
therapeutic ercp	2
therapies	2
time remote display	2
tracheoesophageal fistula	2
transoral gastroplasty	2
treatment outcomes	2
update	2
upper gastrointestinal endoscopy	2
validity	2
varices	2
video capsule	2
videos	2
vs colonoscopy	2
walled-off necrosis	2
young-patients	2
zollinger-ellison-syndrome	2
1 basic principles	1
10 french gauge	1
1st-line treatment	1
1st attack	1
1st decade	1

Words	Occurrences
1st use	1
22-gauge needles	1
2nd-look endoscopy	1
5-aminosalicylic acid	1
abdominal-pain	1
ability	1
abnormalities	1
acid	1
acquisition	1
active ulcerative-colitis	1
acute cholangitis	1
acute mucosal injury	1
additional surgery	1
adenoma-like mass	1
adenoma/polyps	1
adherent clot	1
adhesions	1
adiponectin	1
administered propofol	1
adolescents	1
adrenaline injection	1
adult intussusception	1
aerodigestive tract	1
afferent limb syndrome	1
agent	1
agents	1
agreement	1
aided colonoscopy	1
alcohol	1
als	1
alta injection	1
american-college	1
american society	1
amplatzer vascular plug	1
ampulla	1
ampullary	1
amyotrophic-lateral-sclerosis	1
analgesia	1
anaphylaxis	1
anastomotic leakage	1
anemia	1
anesthesia	1

**Supplementary Material 4.** (Continued)

Words	Occurrences
angle	1
angle-view colonoscope	1
animal-model	1
annular pancreas	1
anorectal varices	1
antegrade stone removal	1
antegrade treatment	1
anticoagulated patients	1
antiplatelet	1
antithrombotic therapy	1
antral vascular ectasia	1
app	1
appearances	1
ascites	1
aspiration-cytology	1
aspiration therapy	1
assisted colonoscopy	1
assisted enteroscopy	1
assisted ercp	1
assisted percutaneous drainage	1
association task-force	1
assurance	1
asymptomatic adults	1
atrial-fibrillation	1
automatic segmentation	1
average-risk patients	1
axis	1
bacterial adherence	1
balanced propofol	1
balloon colonoscope	1
balloon dilation	1
balloons	1
band imaging nbi	1
barium	1
barrier dysfunction	1
barriers	1
base-line findings	1
behcets-disease	1
bilateral pneumothoraces	1
bile	1
bile-duct lesions	1
bile-duct stone	1

Words	Occurrences
biliary-tract	1
biliary strictures	1
bilioenteric anastomotic stricture	1
billroth-ii gastrectomy	1
biodegradable stent	1
biofilm formation	1
biopsies	1
biopsy technique	1
bladder-cancer	1
bleeding risk	1
body-mass index	1
body-weight	1
body radiation-therapy	1
booklet	1
bowel obstruction	1
bowel preparation scale	1
bronchitis	1
bubble	1
calculi	1
cancer development	1
cancer incidence	1
cannulation technique	1
cap-assisted colonoscopy	1
carbon-dioxide insufflation	1
carbon-dioxide pneumoperitoneum	1
carcinoid-tumor	1
carcinoma in-situ	1
carcinomas	1
cardia	1
cardiac arrests	1
career satisfaction	1
cast syndrome	1
catheter drainage	1
caustic injury	1
cea	1
cecal insertion time	1
celecoxib	1
cell carcinoma	1
cell lymphoma	1
cells	1
center spanish experience	1
centralization	1

## Supplementary Material 4. (Continued)

Words	Occurrences
cervical esophagogastrotomy	1
chemoradiation	1
chemotherapy	1
childhood	1
cholangiopancreatography	1
cholecystitis	1
cholecystostomy	1
choledocholithiasis	1
chromogranin-a	1
chronic-pancreatitis	1
chronic hepatitis-b	1
chronic hepatitis-c	1
chronic liver-disease	1
circulating tumor-cells	1
cisplatin	1
citrate	1
clinical-course	1
clinical-efficacy	1
clinical-experience	1
clinical-features	1
clinical-use	1
clinical characteristics	1
clinical guideline	1
clinicopathological characteristics	1
clinicopathological factors	1
clinicopathological features	1
clip suturing method	1
clip traction	1
cm	1
co2 insufflation	1
coagulation syndrome	1
cohort	1
coil embolization	1
cold	1
colocutaneous fistula	1
colon-cancer	1
colon capsule endoscopy	1
colon model	1
colon polyps	1
colonic intussusception	1
colonic tuberculosis	1
colonization	1

Words	Occurrences
colonography	1
colonoscopic evaluation	1
colonoscopic findings	1
colonoscopic perforations	1
color	1
colorectal-cancer surgery	1
colorectal anastomotic stricture	1
colorectal lesions	1
colorectal neoplastic polyps	1
combination	1
common complications	1
community practice	1
comorbidity	1
completion	1
consensus	1
consensus update	1
consensus workshop	1
conservative management	1
contamination	1
continued use	1
contrast-enhanced eus	1
conventional endoscopy	1
conventional gastroscopy	1
conventional open surgery	1
conventional polypectomy	1
conventional upper endoscopy	1
conversion	1
convolutional neural-networks	1
core biopsy needle	1
coronary-artery-disease	1
corpus	1
covered metal	1
creation	1
critically-ill patients	1
crohns colitis	1
cryotherapy	1
ct-colonography	1
ct-enterography	1
ct-scan	1
cushion	1
cyanoacrylate	1
cyanoacrylate glue	1



**Supplementary Material 4.** (Continued)

Words	Occurrences
cyst	1
cystic lesions	1
cystic neoplasms	1
cysts	1
database	1
decompression	1
deep	1
deep neural-network	1
defect closure	1
dental-floss	1
detection rates	1
device-assisted enteroscopy	1
devices	1
diabetes-mellitus	1
diagnostic colonoscopy	1
diet	1
differentiated-type	1
differentiated adenocarcinoma	1
differentiated type	1
difficult	1
difficult biliary cannulation	1
difficult cannulation	1
difficult colonoscopy	1
digital pressure wire	1
dilated gastrojejunostomy	1
dilated intercellular spaces	1
discrimination	1
disease-activity	1
disease incidence	1
disorders european-society	1
doctors	1
donors	1
doppler	1
double-balloon enteroscope	1
double-guidewire technique	1
drug-resistance	1
dual-focus	1
dual-focus magnification	1
dual intragastric balloon	1
duct syndrome	1
duodenal diverticulum	1
duodenal obstruction	1

Words	Occurrences
duodenobiliary reflux	1
duodenum	1
dyspeptic symptoms	1
early-diagnosis	1
efsumb guidelines	1
egd	1
elective laparoscopic cholecystectomy	1
electrocautery	1
electrocautery dilator	1
electron-microscopy	1
electrosurgery	1
elevation	1
embolization	1
emergency	1
emergency-surgery	1
en-y anastomosis	1
endoclot(tm)	1
endocytoscopy	1
endoluminal closure	1
endomicroscopy	1
endoscope	1
endoscopic-submucosal-dissection	1
endoscopic features	1
endoscopic incision	1
endoscopic nasopancreatic drainage	1
endoscopic necrosectomy	1
endoscopic removal	1
endoscopic sleeve gastropasty	1
endoscopic stent therapy	1
endoscopic surveillance	1
endoscopic ultrasound elastography	1
endoscopist	1
endoscopist specialty	1
endosonographers	1
endosonographic characteristics	1
endosonographic features	1
endostatin	1
endotics system	1
enets consensus guidelines	1
enlarged-fold gastritis	1
enteral nutrition	1
enteroclysis	1

## Supplementary Material 4. (Continued)

Words	Occurrences
enterography	1
enteropathy	1
enucleation	1
eo	1
epithelium	1
epstein-barr-virus	1
ercp-related perforations	1
ercp edge	1
ercp training system	1
esd	1
esge	1
esomeprazole	1
esophageal	1
esophageal coins	1
esophageal collateral veins	1
esophageal motility disorders	1
esophageal obstruction	1
esophageal perforations	1
esophagobronchial fistula	1
esophagogastric junction cancers	1
esophagopleural fistula	1
esophyx	1
ethanol-lavage	1
etoposide	1
eus-guided gastrojejunostomy	1
eus-guided pancreaticogastrostomy	1
eus elastography	1
evidence-based consensus	1
examination time	1
excavation	1
excision	1
expanding metallic stents	1
expert	1
expression	1
extended resection	1
extension	1
extra-pulmonary tuberculosis	1
extraction	1
fabrication	1
facilitates early-detection	1
facilitation	1
famotidine	1

Words	Occurrences
fatty liver-disease	1
fecal immunochemical test	1
field cancerization	1
fine-needle injection	1
fixation	1
flexible fiberoptic laryngoscopes	1
fluid collections	1
focal pancreatitis	1
focused update	1
forceps	1
foreign-bodies	1
frozen	1
frozen inoculum	1
full-thickness myotomy	1
full-thickness plication	1
g3	1
gastric-electrical-stimulation	1
gastric carcinoids	1
gastric epithelial neoplasm	1
gastric leak	1
gastric perforation	1
gastric submucosal tumors	1
gastric varices	1
gastritis	1
gastrocolic fistula	1
gastrocolonic fistula	1
gastroduodenal ulcers	1
gastroenterology fellows	1
gastroenterology hepatology	1
gastroesophageal-reflux	1
gastrointestinal angiodysplasia	1
gastrointestinal endoscopes	1
gastrointestinal hemorrhage	1
gastrointestinal stromal tumor	1
gastrointestinal submucosal tumors	1
gastrojejunal anastomotic strictures	1
gastroparesis	1
gastropathy	1
gastroplasty	1
gastroscopy	1
gastrostomy tube placement	1
gemcitabine	1

**Supplementary Material 4.** (Continued)

Words	Occurrences
general-anesthesia	1
general-population	1
gerd patients	1
gerd symptoms	1
gi endoscopy	1
gi submucosal tumors	1
gi tract surgery	1
gists	1
glomus tumor	1
glucagonoma syndrome	1
glutaraldehyde	1
glycemic control	1
grade intraepithelial neoplasia	1
gradient measurement	1
granular-cell tumor	1
growth-factor	1
growth-factor alpha	1
guided alcohol ablation	1
guided biliary drainage	1
guided drainage	1
guided gallbladder drainage	1
guided transmural drainage	1
guided trucut biopsy	1
gut microbiota	1
harmonic endosonography	1
heart rhythm society	1
helicobacter-pylori infection	1
hemangiomas	1
hemoclip placement	1
hemospray	1
hemostatic efficacy	1
hemosuccus-pancreaticus	1
heparin bridge therapy	1
hepaticoduodenostomy	1
hepaticojejunostomy	1
hernia	1
high-grade dysplasia	1
high-risk individuals	1
high-risk octogenarians	1
histoacryl glue	1
histological atrophy	1
histological diagnosis	1

Words	Occurrences
horizontal extent	1
hospital physicians	1
hospitalization	1
hospitals	1
hot biopsy forceps	1
hyperamylasemia	1
hyperplasia	1
hyperplastic polyps	1
hypopharynx	1
hypoxia-inducible factor-1-alpha	1
i-scan	1
idiopathic achalasia	1
ileal varices	1
image-enhanced endoscopy	1
image-reconstruction	1
imatinib mesylate	1
immersion	1
impaction	1
implantation	1
improves	1
in-vitro	1
in-vivo diagnosis	1
incision	1
increased epithelial gaps	1
increased risk	1
individuals	1
infants	1
infected pancreatic necrosis	1
infectious complications	1
inferior vena-cava	1
inflammation	1
inflammatory fibroid polyps	1
infusion	1
ingestion	1
insertion	1
insertion depth	1
insertion technique	1
insertion time	1
insufflation	1
insulinoma	1
intermediate	1
international consensus guidelines	1

## Supplementary Material 4. (Continued)

Words	Occurrences
international multicenter	1
interval colorectal-cancer	1
intestinal atresia	1
intestinal intussusception	1
intestinal strictures	1
intestinal tuberculosis	1
intestine	1
intraepithelial neoplasia	1
intrahepatic duct obstruction	1
intubation	1
intubation time	1
invasion	1
invasive colorectal-carcinoma	1
involvement	1
irreversible electroporation	1
island methylator phenotype	1
japan	1
juvenile polyps	1
laparoscopic antireflux surgery	1
laparoscopic era	1
laparoscopic gastrojejunostomy	1
laparoscopic gastrostomy	1
laparoscopy	1
large-bowel obstruction	1
large-scale	1
large sessile	1
laser photocoagulation	1
lateral margin	1
lateral resection margins	1
layer	1
leakage	1
learning-curves	1
lesion	1
lesion detection	1
levodopa	1
life	1
life-style	1
ligate-unroof-biopsy	1
light	1
liner	1
liver-biopsy	1
liver-enzymes	1

Words	Occurrences
liver-transplantation	1
liver metastases	1
local recurrence	1
localization	1
locomotive mechanism	1
low-dose aspirin	1
low-grade	1
low-grade dysplasia	1
lower esophageal sphincter	1
lower gastrointestinal hemorrhage	1
lugol	1
lung	1
lymph-nodes	1
lymphadenectomy	1
lymphadenopathy	1
macroamylasemia	1
magnetic-resonance	1
magnetic-resonance cholangiopancreatography	1
magnetically guided capsule	1
magnets	1
magnification	1
magnification chromoscopic colonoscopy	1
magnification endoscopy	1
malignant-melanoma	1
malignant esophageal	1
malignant gastroduodenal obstruction	1
malignant obstruction	1
malrotation	1
malt lymphoma	1
marginal zone lymphoma	1
margins	1
marker placement	1
mass	1
master	1
maximal stent therapy	1
mechanical-properties	1
meckel diverticulum	1
medical errors	1
men1	1
mepiperidine	1
metal	1
metallic stents	1

**Supplementary Material 4.** (Continued)

Words	Occurrences
metaplasia	1
metastases	1
metronidazole	1
micrometastasis	1
microsatellite instability	1
microscopic colitis	1
midgut	1
mimicking	1
minimally sedated colonoscopy	1
minimum	1
miss rates	1
modalities	1
modality	1
model	1
moderate sedation	1
monitor quality	1
morbid-obesity	1
morbidity	1
morphology	1
mortality reduction	1
motility	1
motor-neuron disease	1
mrcp	1
mucosal-resection	1
mucosal abnormalities	1
mucosal adenocarcinoma	1
multicenter retrospective cohort	1
mural nodules	1
muscularis mucosae	1
musculoskeletal injuries	1
myoclonus	1
myotomy	1
narrow-band	1
nasopharyngeal carcinoma	1
needle-biopsy	1
needle-knife papillotomy	1
negative colonoscopy	1
neoadjuvant therapy	1
neuroendocrine carcinoma	1
neuroendocrine tumors	1
nidus	1
nitinol stents	1

Words	Occurrences
no evidence	1
node metastasis	1
nodular gastritis	1
nonexposure technique	1
noninvasive evaluation	1
nonresectable cholangiocarcinoma	1
nonsteroidal antiinflammatory drugs	1
nonsurgical treatment	1
normal stomach	1
number	1
obese subjects	1
oblique-viewing endoscope	1
obstructive-jaundice	1
occult	1
occult blood-tests	1
occupational stress	1
octreotide	1
oddi manometry	1
of-the-literature	1
ogilvies-syndrome	1
older	1
older patients	1
omeprazole	1
on-site	1
on-site evaluation	1
once-only sigmoidoscopy	1
open cholecystectomy	1
optical diagnosis	1
oral midazolam	1
organ failure	1
outpatient colonoscopy	1
overweight	1
p53	1
paclitaxel-incorporated membrane	1
pancreatic cysts	1
pancreatic masses	1
pancreatic neuroendocrine tumors	1
pancreatic pseudocyst	1
pancreatic pseudocyst drainage	1
pancreaticobiliary	1
pancreaticogastrostomy	1
papillary adenocarcinoma	1

## Supplementary Material 4. (Continued)

Words	Occurrences
passes	1
patency capsule	1
pathological correlation	1
pathophysiology	1
pathway	1
patient acceptance	1
patient education	1
patient position	1
patients receiving anticoagulation	1
patients receiving antiplatelet	1
pattern	1
pcl	1
pediatric colonoscope	1
pediatric colonoscopy	1
pediatric gastroenterology hepatology	1
pelvic abscesses	1
percutaneous cecostomy	1
percutaneous endoscopic gastrostomy	1
performance-measures	1
periampullary diverticulum	1
peripancreatic fluid collections	1
peritoneal-cavity	1
peroral cholangioscopy	1
peroral direct cholangioscopy	1
peroral video-cholangioscopy	1
pet	1
peutz-jeghers-syndrome	1
pharyngeal cancer	1
physical principles	1
piecemeal resection	1
pillcam eso	1
pilot trial	1
pit pattern	1
pit patterns	1
plastic stent	1
platform	1
pneumomediastinum	1
pneumoretroperitoneum	1
pocket-creation method	1
polyethylene stents	1
polymer-coated polyurethane	1
polyp detection	1

Words	Occurrences
polypectomy rate	1
poorly differentiated adenocarcinoma	1
population-based cohort	1
porcine	1
porcine model	1
porcine pancreas	1
portal-vein	1
portal-vein catheterization	1
position statement	1
positron-emission-tomography	1
post-polypectomy	1
post-whipple patients	1
postoperative biliary strictures	1
postoperative chemoradiotherapy	1
postoperative nausea	1
pouch-anal anastomosis	1
powder tc-325	1
practice guidelines	1
predict	1
preparation failure	1
preparation quality	1
preserve sphincter	1
prevent delayed perforation	1
primary head	1
primary malignant-melanoma	1
primary sclerosing cholangitis	1
probe	1
procedural sedation	1
processing method	1
profile	1
program	1
progression	1
proliferation	1
prophylactic gastrojejunostomy	1
propofol sedation	1
prospective clinical-trial	1
prospective single-center	1
protein plugs	1
proton pump inhibitor	1
proximal colon	1
pseudocyst	1
pseudocysts	1

**Supplementary Material 4.** (Continued)

Words	Occurrences
psychomotor recovery	1
publication bias	1
pull enteroscopy	1
pulmonary-embolism	1
push-enteroscopy	1
questionnaire	1
radial incision	1
radiation-therapy	1
radiation enteritis	1
radiation force impulse	1
radical surgery	1
radiofrequency energy	1
radiofrequency energy delivery	1
radiotherapy	1
randomized-clinical-trial	1
randomized-trials	1
randomized clinical-trial	1
randomized controlled-trials	1
randomized multicenter trial	1
receiving anticoagulation	1
recipients	1
recognition	1
recovery	1
rectal-cancer	1
rectum	1
recurrences	1
recurrent	1
reduction	1
reeducation	1
regression	1
relatives	1
rendezvous technique	1
rendezvous techniques	1
repair	1
rescue	1
resectability	1
retention	1
retention rates	1
retrograde cholecystoendoprosthesis	1
retrograde transvenous obliteration	1
retroperitoneal perforation	1
retrospective cohort	1

Words	Occurrences
revision efficacy	1
ring	1
risk stratification	1
roles	1
route	1
samples	1
sb3 capsule	1
schwannoma	1
schwannomas	1
scope-clip system	1
secretion	1
seoul	1
septum division	1
serrated pathway	1
serum ca19-9	1
serum pepsinogen	1
sessile	1
sex	1
shape	1
shear-wave elastography	1
short-term	1
side-by-side	1
sigmoidorectal intussusception	1
silence	1
simethicone	1
simplex-virus esophagitis	1
simulated polyps	1
simulator	1
single-balloon	1
single-operator cholangioscopy	1
single-step placement	1
sinus tract endoscopy	1
site cytopathology evaluation	1
size	1
skills	1
small-bowel obstruction	1
small-cell carcinoma	1
small-intestine	1
snake robot	1
snare method	1
snare polypectomy	1
solid pancreatic lesions	1

## Supplementary Material 4. (Continued)

Words	Occurrences
somatostatin	1
somatostatin receptor scintigraphy	1
spasm	1
special focus	1
spectrum	1
sphincterotomy reduce	1
spleen	1
spontaneous passage	1
spores	1
spyglass	1
stage	1
standards	1
staple-line leaks	1
statement	1
stent placement	1
step	1
step-up approach	1
step placement	1
stercoralis hyperinfection	1
sterilization	1
strain ratio	1
strategy	1
stroke	1
structured terminology	1
stump	1
subcapsular hematoma	1
subepithelial lesions	1
submucosal	1
submucosal dissection esd	1
submucosal injection solutions	1
subsequent development	1
suction	1
superbugs	1
superior	1
surfaces	1
surgically altered anatomy	1
surveillance cultures	1
survival analysis	1
suspected biliary obstruction	1
suspected choledocholithiasis	1
suture	1
symptomatic cholelithiasis	1

Words	Occurrences
symptoms	1
taiwan society	1
tako-tsubo cardiomyopathy	1
task-force	1
technical outcomes	1
technical tips	1
technology	1
telephone	1
tension pneumothorax	1
terlipressin	1
term	1
tertiary care center	1
test-performance	1
the-scope clips	1
therapeutic procedures	1
time tissue elastography	1
tip guidewire	1
tissue ablation	1
to-duct anastomosis	1
tolerance	1
tomographic colonography	1
total enteroscopy	1
toupet fundoplication	1
tracheobronchial involvement	1
traction	1
trainees	1
tranilast	1
transgastric ercp edge	1
transient elastography	1
transit-time	1
transluminal drainage	1
transoral incisionless fundoplication	1
transoral outlet reduction	1
transpancreatic sphincterotomy	1
transverse colon	1
trends	1
trials	1
tube placement	1
tunnel dissection	1
ultrasound-guided drainage	1
ultrasound-guided gastroenterostomy	1
uncommon cause	1



**Supplementary Material 4.** (Continued)

<b>Words</b>	<b>Occurrences</b>
underwater emr	1
undifferentiated histology	1
universal donor	1
unresectable periampullary cancer	1
unsedated colonoscopy	1
unsedated ultrathin	1
upper-gastrointestinal hemorrhage	1
upper airway-obstruction	1
upper gastrointestinal cancer	1
upper gastrointestinal hemorrhage	1
upper gi hemorrhage	1
upper gi tract	1
urgent colonoscopy	1
vacuum therapy	1
vascular malformations	1
vein	1
vein catheterization	1
venous-pressure	1
vertical-banded gastroplasty	1
vertical banded gastroplasty	1
video-capsule	1
video capsule endoscopy	1
virtual chromoendoscopy	1
visibility	1
visualization	1
volvulus	1
wall-inversion surgery	1
warm-water infusion	1
wfumb guidelines	1
wipes	1
wire	1
wireless capsule	1
withdrawal technique	1
women	1
work-life	1
yag laser	1
zenkers diverticulum	1