

CONTENTS

Journal of Gastroenterology and Liver Diseases, Volume 28, 2019

Number 1, March 2019

Images of the Issue

Unexpected appearance of esophageal spastic activity after pneumatic dilatation in a patient with type II achalasia

A. Ioannou, D. Mandolesi, F. Bazzoli, F. Torresan 7

Endoscopic retrieval of a proximally migrated biliary plastic stent using direct per-oral cholangioscopy

R. Maselli, E. Troncone, A. Fugazza, F. Auriemma, A. Anderloni, A. Cappello, A. Repici 8

CT-scan fat halo sign in a patient with abdominal mass and constipation

G. Marasco, R.M. Zagari, F. Bazzoli 9

Original Papers

Sequential therapy for first-line *Helicobacter pylori* eradication: 10- or 14-day regimen?

A. Zullo, G. Fiorini, G. Scaccianoce, P. Portincasa, V. De Francesco, R. Vassallo, F. Urban, F. Monica,
G. Mogavero, A. Amato, D. Vaira 11

Capsule endoscopy in the management of refractory coeliac disease

S. Chetcuti Zammit, D.S. Sanders, S.S. Cross, R. Sidhu 15

The “DICA” endoscopic classification for diverticular disease of the colon shows a significant interobserver agreement among community endoscopists

A. Tursi, G. Brandimarte, F. di Mario, G. Nardone, C. Scarpignato, M. Picchio, W. Elisei, DICA Italian Group 23

Sense of coherence in people with and without inflammatory bowel diseases - is there a difference?

T. Naftali, A. Eindor-Abarbanel, N. Ruhimovich, A. Bar-Gil Shitrit, F. Sklerovsky-Benjaminov, I. Laish,
S. Matalon, H. Shirin, Y. Milgrom, T. Ziv-Baran, E. Broide 29

Training and assessment in flexible sigmoidoscopy: using a novel direct observation of procedural skills (DOPS) assessment tool

K. Siau, J. Crossley, P. Dunckley, G. Johnson, A. Haycock, J.T. Anderson, M. Iacucci, M. Feeney,
on behalf of the Joint Advisory Group on Gastrointestinal Endoscopy (JAG) 33

Efficacy of naldemedine for the treatment of opioid-induced constipation: a meta-analysis

M. Esmadi, D. Ahmad, A. Hewlett 41

Increased prevalence of autonomic dysfunction due to postural orthostatic tachycardia syndrome in patients with eosinophilic gastrointestinal disorders

K.Z. Huang, E.S. Dellan 47

Cirrhosis risk score of the donor organ predicts early fibrosis progression after liver transplantation

A. Zimmermann, F. Darstein, M. Hoppe-Lotichius, G. Toenges, A. Lautem, F. Abel, A. Schad, J. Mittler,
J. Vollmar, D. Grimm, H. Lang, P.R. Galle, T. Zimmermann, D. Schuppan 53

Predictive factors for hepatocellular carcinoma occurrence or recurrence after direct-acting antiviral agents in patients with chronic hepatitis C

Y. Yoshimasu, Y. Furuichi, Y. Kasai, H. Takeuchi, K. Sugimoto, I. Nakamura, T. Itoi 63

Short sleep duration is a risk of incident nonalcoholic fatty liver disease: a population-based longitudinal study

T. Okamura, Y. Hashimoto, M. Hamaguchi, A. Obora, T. Kojima, M. Fukui 73

Effects of implementation of a national fast track clinical pathway for hepatocellular carcinoma in western Denmark

G.E. Villadsen, K. Simonsen, P. Ott, H. Vilstrup, H. Grønbæk 83

Direct peroral cholangioscopy in the management of difficult biliary stones: a new tool to confirm common bile duct clearance. Results of a preliminary study

- A. Anderloni, F. Auriemma, A. Fugazza, E. Troncone, L. Maia, R. Maselli, S. Carrara, F. D'Amico,
P.J. Belletrutti, A. Repici..... 89

Systematic Review and Meta-Analysis

- Prevalence of gluten-related disorders in Asia-Pacific region: a systematic review
S. Ashtari, M.A. Pourhoseingholi, K. Rostami, H.A. Aghdaei, M. Rostami-Nejad, L. Busani, M.R. Tavirani,
M.R. Zali 95
- Anterior versus posterior myotomy during POEM for the treatment of achalasia: systematic review
and meta-analysis of randomized clinical trials
E. Rodriguez de Santiago, N. Mohammed, A. Manolakis, Y. Shimamura, M. Onimaru, H. Inoue 107

Case Reports

- Ulcerative colitis associated with gastric heterotopia in the rectum: a case report
R.G. Antemie, A.P. Apostu, L. Rogojan, R.I. Chira 117
- Liver damage in a patient with Gaucher's disease type I and alpha-1 antitrypsin deficiency: a potential
epigenetic effect?
M.L. Alves Pedroso, C.N. Didoné Filho, V. Radunz, J.A. de Barros 121
- Beyond palliation: using EUS-guided choledochooduodenostomy with a lumen-apposing metal stent
as a bridge to surgery. A case series
C. Fabbri, A. Fugazza, C. Binda, A. Zerbi, E. Jovine, V. Cennamo, A. Repici, A. Anderloni 125

Letters

- A novel hybrid first-line therapy for *H. pylori* eradication: results of a pilot study
V. De Francesco 129
- Ultrasonographic assessment of Crohn's disease patients: can be easier and more affordable for clinical
practice?
A. Les, A. Dimitriu, R. Costache, L. Gheorghe 130
- Reply
B. Dorottya Lovasz, A. Ilias, L. Gonczi, P.L. Lakatos 131
- A difficult path in the management of irritable bowel syndrome: from general recommendations
to clinical reality
L. Nedelcu 132
- Reply
M. Radu, A. Băban, D.L. Dumitrascu 133

Number 2, June 2019

Editorial

- Sleep quality associated with the onset of NAFLD: suggested hypotheses
G. Tarantino 143

Images of the Issue

- Methotrexate-associated lymphoproliferative disorder of the stomach observed by magnifying
narrow-band imaging endoscopy
K. Kawasaki, M. Eizuka, S. Nakamura, T. Sugai, T. Matsumoto 145
- Achalasia-like changes in eosinophilic esophagitis
T. Surdea-Blaga, L. David, E.C. Botan, D.L. Dumitrascu 146
- Systemic lupus erythematosus from lupus enteritis
J. Kawai, K. Kakimoto, H. Miyazaki, Y. Hirata, K. Kawakami, K. Higuchi 147
- Endoscopic hemostasis of a pleural hemorrhage using a hemostatic gel
L. Negreanu, F. Chirculescu, L. Goran 148

Original Papers

- Radiofrequency ablation in patients with Barrett's esophagus-related neoplasia – long-term outcomes
in the Czech national database
J. Krajciova, M. Janicko, P. Falt, J. Gregar, S. Suchanek, O. Ngo, M. Kollar, O. Urban, V. Prochazka,
M. Zavoral, J. Spicak, J. Martinek 149

Faster detection of <i>Helicobacter pylori</i> infection by ¹³ C-Urea breath test. Comparing short versus standard sampling time	157
E. Molina-Molina, L. Bonfrate, M. Lorussò, H. Shamugam, G. Scaccianoce, T. Rokkas, P. Portincasa.....	157
Malnutrition prevalence in newly diagnosed patients with inflammatory bowel disease – data from the national Romanian database	
Maria Ciocîrlan, M. Ciocîrlan, R. Iacob, A. Tanțău, L. Gheorghe, C. Gheorghe, D. Dobru, G. Constantinescu, C. Cijevschi, A. Trifan, A. Goldiș, M. Diculescu.....	163
Trefoil factor 3 is highly predictive of complete mucosal healing independently and in combination with C-reactive protein in patients with ulcerative colitis	
R. Nakov, T. Velikova, V. Nakov, V. Gerova, L. Tankova.....	169
Serological assessment of the quality of wound healing processes in Crohn's disease	
S. Sun, M.A. Karsdal, J.H. Mortensen, Y. Luo, J. Kjeldsen, A. Krag, M.D. Jensen, A-C. Bay-Jensen, T. Manon-Jensen	175
Effect of phytosomal curcumin on circulating levels of adiponectin and leptin in patients with non-alcoholic fatty liver disease: a randomized, double-blind, placebo-controlled clinical trial	
S.R. Mirhafez, A.R. Farimani, M. Dehhabe, M. Bidkhorì, M. Hariri, B.F. Nobakht M. Gh., F. Abdollahi	183
Contrast-enhanced ultrasound for the characterization of malignant versus benign focal liver lesions in a prospective multicenter experience – the SRUMB study	
I. Sporea, D.L. Săndulescu, R. Şirli, A. Popescu, M. Danilă, Z. Spârchez, C. Mihai, S. Ioanîtescu, T. Moga, B. Timar, C. Brisc, D. Nedelcu, A. Săftoiu, V. Enăchescu, R. Badea	191

Systematic Reviews and Meta-analyses

Association between smoking and risk of primary biliary cholangitis: a systematic review and meta-analysis	
K. Wijarnpreecha, M. Werlang, P. Panjawatanan, P.T. Kroner, O.Y. Mousa, S. Pungpapong, F.J. Lukens, D.M. Harnois, P. Ungprasert	197
Efficacy of probiotics and prebiotics in prevention of infectious complications following hepatic resections: systematic review and meta-analysis	
Y. Gan, S. Su, B. Li, C. Fang	205

Reviews

Assessment of Crohn's disease activity: magnetic resonance enterography in comparison with clinical and endoscopic evaluations	
L.M. Minordi, L. Larosa, A. Papa, V. Bordonaro, L. Lopetuso, G. Holleran, A. Gasbarrini, R. Manfredi	213
Current and evolving concepts on the pathogenesis of diverticular disease	
A. Tursi	225

Case Reports

Multifocal gastrointestinal melanoma	
S. Kouvaras, T. Rokkas, H. Goga, H. Gakiopoulou, P. Arapantoni, G. Haliotis, D. Mantas	237
Rescue therapy of delayed gastric perforation caused by an external drainage using an over-the-scope clip	
A. Seicean, C. Cruciat, R. Motocu, C. Pojoga, M. Gheorghiu, R. Seicean	241

Letters

Liver infarction in a patient with <i>Clostridium difficile</i> colitis. A possible connection?	
R-G. Mihaila, M. Sandu	245
Lipidomic signatures of colonic inflammatory bowel diseases: a pilot study	
C. Tefas, C. Socaciu, C. Moraru, M. Tanțău	246

Number 3, September 2019

Editorial

Combination of non-invasive fibrosis tests: a solution for the prediction of advanced fibrosis in non-alcoholic fatty liver disease?	
M. Lupșor-Platon	257

Images of the Issue

Endoscopic ultrasound-guided fine needle aspiration of a PET/CT-positive small hilar lymph node for the diagnosis of metastatic Merkel cell carcinoma

F. Antonini, R. Vicentini, S. Giorgini, G. Macarri 261

Vanishing splenic cyst - visible on ultrasound but non-detected on MRI

C. Caraiani, T. Kurniawan, R. Vasilache, C. Brisc 262

Cecal malakoplakia - an unusual cause of anemia in liver cirrhosis

I. Dina, C. Iacobescu, N. Iordache, S. Gheorghita, A. Gurghean 263

A rare case of ciliated foregut cyst of the common hepatic duct

R. Zaharie, E. Mois, N. Al Hajjar, C. Zdrehuș, I. Rusu, F. Zaharie 264

Original Papers

Risk factors for the development of esophagorespiratory fistula in esophageal cancer

G. Paul, W. Bohle, W. Zoller 265

Routine liver elastography could predict actuarial survival after liver transplantation

J. Pfeifferberger, D. Hornuss, P. Houben, C. Wehling, R. von Haken, V. Loszanowski, M. Mieth, A. Mehrabi, K.H. Weiss, K. Friedrich 271

Effects of dietary intervention on gut microbiota and metabolic-nutritional profile of outpatients with non-alcoholic steatohepatitis: a randomized clinical trial

F. de Faria Ghetti, D.G. Oliveira, J.M. de Oliveira, L.E.V.V. de Castro Ferreira, D.E. Cesar, A.P. Boroni Moreira 279

Step layered combination of noninvasive fibrosis models improves diagnostic accuracy of advanced fibrosis in nonalcoholic fatty liver disease

M. Yang, L. Jiang, Y. Wang, X. Li, G. Zhou, Z. Zou, T. Han, Y. Nan, F. Lu, J. Zhao 289

SERPINA1 and HSD17B13 gene variants in patients with liver fibrosis and cirrhosis

V. Basyte-Baceviciene, J. Skieceviciene, I. Valantiene, J. Sumskiene, V. Petrenkiene, J. Kondrackiene, D. Petrauskas, F. Lammert, J. Kupcinskas 297

Multidrug-resistant bacteria and disease progression in patients with end-stage liver disease and after liver transplantation

K. Friedrich, J. Krempel, S. Schamoni, T. Hippchen, J. Pfeifferberger, C. Rupp, D.N. Gotthardt, P. Houben, R. von Haken, A. Heininger, T. Brenner, A. Mehrabi, K.H. Weiss, M. Mieth 303

Color coded perfusion imaging with contrast enhanced ultrasound (CEUS) for post-interventional success control following irreversible electroporation (IRE) of primary and secondary malignant liver lesions

J. Rennert, I. Wiesinger, A. Schicho, P. Wigermann, C. Stroszczynski, L. Philipp Beyer, E. Michael Jung 311

Reviews

Functional emesis

S.L. Popa, G. Chiariioni, L. David, G.I. Golea, D.L. Dumitrascu 319

Diverticular disease: a gut microbiota perspective

A. Ticinesi, A. Nouvenne, V. Corrente, C. Tana, F. Di Mario, T. Meschi 327

Endoscopic ultrasound guided gallbladder interventions: a review of the current literature

S.F. Crinò, M. Rimbaş, A. Gabbielli, A. Larghi 339

Romanian SDE Corner

Percutaneous endoscopic gastrostomy with jejunal extension tube for the delivery of levodopa carbipoda intestinal gel: clinical practice guidelines of the Romanian Society of Digestive Endoscopy

C. Gheorghe, E. Dumitru, M. Ciocîrlan, D. Dobru, V. Drug, A. Goldiş, M. Jinga, M. Manuc, A. Saftoiu, A. Seicean, B. Cotruță, I. Bancilă, D. Pițigoi, V.A. Mercea, M. Tanțău 349

Case Reports

An unexpected case of perforated acalculous cholecystitis caused by a fish bone

N.I. Berevoescu, F.A. Grama, L. Welt, M. Berevoescu, A. Bordea, D.A. Cristian 355

Transthyretin amyloidosis with gastrointestinal manifestation: a case report

R. Nakov, S. Sarafov, V. Nakov, M. Gospodinova, T. Todorov, A. Kirov, A. Todorova, I. Tournev 359

Letters

Response to lubiprostone in chronic constipation is associated with increased mucus and mucin output: a randomized clinical trial

A. Tarasiuk, M. Milad, S.T. Ahmed, M. Majewski, G. Wallner, J. Fichna, M. Bashashati, J. Sarosiek 363
Exertional heat stroke associated with acute liver failure in a young refugee. Implications in the era of social-economic crisis

D.S. Politis, G. Baltagiannis, N. Tzampouras, G.N. Kalambokis, V. Koulouras, D.K. Christodoulou 364

Number 4, December 2019

Editorials

Vonoprazan may provide better results than PPis in *Helicobacter pylori* eradication and beyond – is it time for a change?

M. Ghisa, B. Barberio, V. Savarino, E. Savarino 375

Images of the Issue

Lymphocytic esophagitis successfully treated by esophageal balloon dilation and topical budesonide

G. Becheanu, D. Istratescu, C.M. Preda, M. Manuc, M. Diculescu, C. Gheorghe 379

Oesophagitis dissecans superficialis as the presenting sign of isolated oesophageal mucous membrane pemphigoid

G. Genovese, E. Filippi, A. Prada, D. Fanoni, A.V. Marzano 380

Duodenal vascular Spider's web: radiofrequency ablation to the rescue!

R. Morais, M. Marques, R. Coelho, H. Cardoso, G. Macedo 381

Transduodenal EUS FNA diagnosis of idiopathic retroperitoneal fibrosis

R.I. Chira, I. Dragomir, V.A. Ichim, V.V. Bințințan 382

Original Papers

Validation of Peptest™ in patients with gastro-esophageal reflux disease and laryngopharyngeal reflux undergoing impedance testing

S. Bor, D. Capanoglu, R. Vardar, A.D. Woodcock, J. Fisher, P.W. Dettmar 383

Vonoprazan-based triple-therapy could improve efficacy of the tailored therapy of *Helicobacter pylori* infection

T. Shinmura, K. Adachi, Y. Yamaguchi, S. Izawa, Y. Hijikata, M. Ebi, Y. Funaki, N. Ogasawara, M. Sasaki, K. Kasugai 389

Endoscopic submucosal dissection for neoplasia of the greater curvature of the upper and middle stomach: J-shaped superficial cutting and splashed dissection

N. Nishiyama, H. Kobara, S. Fujihara, K. Koduka, T. Chiyo, N. Kobayashi, K. Fujita, M. Ayaki, T. Yachida, J. Tani, T. Shi, K. Okano, Y. Suzuki, H. Mori, T. Masaki 397

Elevated colonic mucin expression correlates with extended time to surgery for ulcerative colitis patients

M.A. Eshelman, N.A. Jeganathan, K.M. Schieffer, B.P. Kline, M. Mendenhall, S. Deiling, L. Harris, W.A. Koltun, G.S. Yochum 405

Anger mediates the relationship between pain and depression in irritable bowel syndrome

M. Fadgyas Stanculete, O. Căpățină, C. Pojoga, T. Surdea-Blaga 415

Gastrointestinal manifestations in hereditary transthyretin amyloidosis associated with Glu89Gln mutation

R. Nakov, S. Sarafov, V. Nakov, M. Gospodinova, T. Todorov, A. Kirov, A. Todorova, I. Tournev 421

Characterization of patients with biopsy-proven non-alcoholic fatty liver disease and normal aminotransferase levels

C. Ulasoglu, F.Y. Enc, E. Kaya, Y. Yilmaz 427

PNPLA3 I148M polymorphism in patients with nonalcoholic fatty liver disease, obesity and prediabetes

V. Karamfilova, A. Gateva, Y. Assyov, A. Alexiev, A. Savov, N. Yaneva, I. Ivanova, R. Ivanova-Boyanova, R. Ivanova, Z. Vlahova, L. Mateva, Z. Kamenov 433

Clinical value of lncRNA LUCAT1 expression in liver cancer and its potential pathways

Y. Jiao, Y. Li, B. Ji, H. Cai, Y. Liu 439

Interleukin 28 polymorphisms and hepatocellular carcinoma development after direct acting antiviral therapy for chronic hepatitis C

A. Simili, G. Mazzella, F. Ravaioli, D. Festi, M.L. Bacchi-Reggiani, A. Porro, F. Bazzoli, F. Azzaroli 449

Laparoscopic contrast-enhanced ultrasonography for real time monitoring of laparoscopic radiofrequency ablation for hepatocellular carcinoma: an observational pilot study

A. Bartoş, D. Bartoş, Z. Spârchez, I. Iancu, L. Ciobanu, C. Iancu, Caius Breazu..... 457

Systematic Reviews and Meta-analyses

Mast cells in irritable bowel syndrome: a systematic review

L. Krammer, A. Sergeevna Sowa, A. Lorentz..... 463

Gastrointestinal adverse events of cannabinoid 1 receptor inverse agonists suggest their potential use in irritable bowel syndrome with constipation: a systematic review and meta-analysis

A. Fabisiak, M. Włodarczyk, N. Fabisiak, M. Storr, J. Fichna..... 473

Cardiac arrhythmias and electrocardiogram modifications in non-alcoholic fatty liver disease.

A systematic review

A. Ismaiel, H.A. Colosi, F. Rusu, D.L. Dumitraşcu .. 483

Review

Management guidelines for pancreatic cystic lesions: should we adopt or adapt the current roadmaps?

F. Vilas-Boas, G. Macedo..... 495

Case Reports

Complete remission of metastatic HER2+ oesophagogastric junctional adenocarcinoma under long-term trastuzumab treatment

T. Gutting, N. Schulte, S. Belle, J. Betge, N. Härtel, J. Wilke, J. Weers, M.P. Ebert, T. Zhan..... 503

Acute intermittent porphyria - an unexpected association in a patient with newly diagnosed Crohn's disease

C. Mitre, V. Mercea, I.M. Copaciu, A.O. Mitre, C. Breazu, A. Hadade .. 509

Letters

Usefulness of polyglycolic acid sheet for tumor hemorrhage from advanced gastric cancer

K. Kozuka, H. Kobara, N. Nishiyama, H. Mori, T. Masaki..... 513

A misleading case of elevated alkaline phosphatase in alcoholic liver disease: Paget's disease of the bone

Ş.L. Popa, G.I. Golea, L. David .. 514