SaturdaY, May 18

Bariatric therapies hands-on workshop
Shelby A. Sullivan, Barham K. Abu Dayyeh, Nitin Kumar, Rachel L. Moore, Vivek Kumbhari, Eduardo Grecco, Manoel Galvao Neto, Gontrand Lopez-Nava, Marvin Ryou, Allison R. Schuman

ASGE Hands On
8:00 am
Hall H (San Diego Convention Center) 3179006

HCC: Multidisciplinary approach to care
Anjana A. Pillai, Neehar D. Parikh

AGA Postgraduate Course
4:00 pm
6C (San Diego Convention Center) 3069207

Small intestine bacterial overgrowth: Fact and fiction
William D. Chey

AGA Postgraduate Course
3:27 pm
20ABCD (San Diego Convention Center) 3068660

Suturing and closures hands-on workshop

ASGE Hands On
12:00 pm
Hall H (San Diego Convention Center) 3179026

Lamin mutations in familial partial lipodystrophy point to phosphorylation as a therapeutic target
Eric W. Lin, Graham Brady, Raymond Kwan, Alexey Nesvizhskii, M. Bishr Omary

Basic Science Quick Shot
4:41 pm - 4:45pm
29A (San Diego Convention Center) BSQS10

Clinical features and management of checkpoint hepatitis
Robert J. Fontana

Clinical Symposium
8:50 am
32AB (San Diego Convention Center) 3192488

Food as the main course for the irritable bowel syndrome
William D. Chey

Clinical Symposium
10:00 am
26AB (San Diego Convention Center) 3054339

Global H. pylori prevalence against IBD incidence
John Y. Kao

Committee Sponsored Symposium
8:00 am
31A (San Diego Convention Center) 3053912

Gut microbial community function and host response in IBD
Nobuhiko Kamada

Translational Symposium
2:00 PM
29CD (San Diego Convention Center) 3063016

How are quality measures developed by AGA?
Megan A. Adams

Committee Sponsored Symposium
8:00 am
24ABC (San Diego Convention Center) 3053991

IBD and gut microbiome
Nobuhiko Kamada

Committee Sponsored Symposium
8:22 am
31A (San Diego Convention Center) 3070308

Polypectomy and anticoagulants/anti-platelets: What should I do?
Michelle A. Anderson

Clinical Symposium
10:15 am
4 (San Diego Convention Center) 3052863

Electrocautery setting does not affect efficacy and safety of endoscopic resection of large colorectal polyps

Topic Forum
4:59 pm
4 (San Diego Convention Center) 3156794

The need for isogenic intestinal transplantation and biopsy banking
Jason Spence

Translational Symposium
8:00 am
29CD (San Diego Convention Center) 3063024

Therapeutic biliary EUS: Ready for prime time?
Ryan Law

Clinical Symposium
3:06 pm
3 (San Diego Convention Center) 3053566

Use of monitored anesthesia care in the endoscopy suite
Megan A. Adams

Clinical Symposium
3:06 pm
26AB (San Diego Convention Center) 3052873

Which quality metrics to track for colonoscopy and EGD
John I. Allen

Clinical Symposium
2:00 pm
26AB (San Diego Convention Center) 3052863

Roundtable Discussions: 1. Unconscious/implicit bias, 2. Patient to provider bias
Ibironke Oduyebo

Committee Sponsored Symposium
4:00 pm
3 (San Diego Convention Center) 3062650, 3062652
SaturDay, May 18 (Cont'd)

Discontinuity of care among inflammatory bowel disease patients in a large integrated healthcare system
Shirley Cohen-Mekelburg, Sameer D. Saini, Beth Wallace, John M. Hollingsworth, Julie Bynum, Jennifer Burns, Wyndy L. Wittal, Peter D. Higgins, Akbar K. Waljee
Research Forum
10:00 am
32AB (San Diego Convention Center)
3143439

Prevalence and predictors of GERD and PPI-resistant GERD in the United States: results from a population-based survey of over 71,000 Americans
Sean Delshad, Christopher V. Almario, William D. Chey, Brennan Spiegel
Research Forum
8:00 am
7 (San Diego Convention Center)
3149095

Safety and efficacy of anti-TNF therapy in older patients with ulcerative colitis: A patient-level pooled analysis of RCT data
David Cheng, Kelly C. Cushing, Tianxi Cai, Ashwin Ananthakrishnan
Research Forum
5:00 pm
30 (San Diego Convention Center)
3150708

State of the art: Gender disparity in GI practice
Grace H. Elta
Topic Forum
5:14 pm
4 (San Diego Convention Center)
3193644

A national survey of interns’ perceptions of PPI risks and recommendations for deprescribing
Jacob Eli Kurlander, Joel H. Rubenstein, Caroline Richardson, Sarah L. Krein, Raymond De Vries, Brian J. Zikmund-Fisher, Yu-Xiao Yang, Loren Lain, Sameer Dev Saini
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3154055 • Sa1000

Are dyssynergic defecation and altered rectal sensation under-recognized cause of chronic constipation in patients taking opioids?
Jason Baker, Borko Nojkov, Richard J. Saad, Stacy B. Menees, Shanti Eswaran, Allen Lee, Kimberly N. Harer, William Chey
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3158080 • Sa1664

Aspirin/NSAID use greater than 4 years reduces inflammatory-associated microsatellite alterations in proximal colorectal cancer (CRC) and improves patient overall survival
Yoshiki Okita, Minoru Koi, Erika Koepp, Elena M. Stoffel, Joseph Galanka, Nikki McCoy, Temitope O. Keku, John M. Carethers
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3145428 • Sa2007

Cost savings from generic proton pump inhibitors in Medicare Part D from 2013–2016
Andrew J. Read, Jacob Eli Kurlander, Akbar K. Waljee, Sameer Dev Saini
Poster of Distinction
12:00 pm
Halls C-E (San Diego Convention Center)
3157900 • Sa1028

Determining appropriate reimbursement for innovative endoscopic devices using cost-minimization analysis: Endoscopic suturing to prevent stent migration for benign esophageal strictures
Eric D. Shah, Amy E. Hosmer, Arpan H. Patel, Shannon Morales, Ryan Law
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3144697 • Sa1236

Development and validation of a machine-learning model to predict adequate bowel preparation in a sample of US veterans
Jacob Eli Kurlander, Sameer Dev Saini, Rachel Lipson, Stacy B. Menees, Shahnaz Sultan, Alex Novak Kokaly, Akbar K. Waljee
Poster of Distinction
12:00 pm
Halls C-E (San Diego Convention Center)
3156010 • Sa1082

Disability in patients with ileal pouch anal anastomosis
Maia Kayal, Ryan C. Ungaro, Alexa Riggs, Kanika Kamal, Manasi Agrawal, Shirley Cohen-Mekelburg, Jordan Eric Axelrad, Brad Tricomi, Adam S. Faye, Ellen Scherl, Garrett Lawlor, Dana J. Lukin, Jean Frederic Colombel, Marla Dubinsky
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3156728 • Sa1879

Incidence of obstructive complications after intra-abdominal surgeries in patients with Crohn’s disease receiving care at 12 Veterans Affairs Medical Centers
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3157622 • Sa1804

Management patterns for nonacid reflux patients at a large academic medical center
Chanakyaram A. Reddy, Lydia Watts, Jason Baker, Joan W. Chen
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3155717 • Sa1198

Non-alcoholic fatty liver disease among patients with heart failure with preserved ejection fraction: Prevalence, risk factors and disease stage
Monica A. Konerman, Alexandria Miller, Jennifer McNamara, Scott Hummel, Matthew Konerman
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3156851 • Sa1638

Regulation of the BMP signaling inhibitor Smad6 in gastritis and gastric cancer
Lifang Zhang, Maria Yawen Mao, Wei Ye, Yitian Yang, Wai K. Leung, Kent-Man Chu, Fung-Yu Huang, Andrea Todisco
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3148924 • Sa1111

The impact of alcohol tax rate on mortality from alcoholic liver disease in the United States
Neehar Dilip Parikh, Kexin Jiang, Jessica L. Mellinger, Elliot Benjamin Tapper
Poster of Distinction
12:00 pm
Halls C-E (San Diego Convention Center)
3150715 • Sa1499
**SATURDAY, MAY 18 (cont’d)**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speakers</th>
<th>Location</th>
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<tbody>
<tr>
<td>12:00 pm</td>
<td>Trends of 5-ASA medication use in patients with Crohn’s disease</td>
<td>Mohamed Noureddin, Shirley Cohen-Mekelburg, Ryan W. Stidham, Peter D.R. Higgins, Shail Mahendra Govani, Amar Deshpande, Akbar K. Waljee</td>
<td>Halls C-E (San Diego Convention Center)</td>
<td>3158597 • Sa1808</td>
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**SUNDAY, MAY 19**

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<tr>
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<th>Title</th>
<th>Speakers</th>
<th>Location</th>
<th>Time</th>
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<tbody>
<tr>
<td>10:50 am</td>
<td>A novel R-spondin 1/POMC neurocircuit in the hypothalamus is activated by insulin to regulate thermogenesis in brown adipose tissue</td>
<td>Ji-Yao Li, Xiaoyin Wu, Chung Owyang</td>
<td>AGA State-of-the-Art Lecture</td>
<td>3157465</td>
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<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>10:00 AM</td>
<td>Anti-tumor necrosis factor therapy is not associated with post-operative infection: Results from prospective cohort of ulcerative colitis and Crohn’s disease patients undergoing surgery to identify risk factors for post-operative infection II (PUCCINI)</td>
<td>Benjamin L. Cohen, Phillip Fleshner, Sunanda V. Kane, Hans H. Herfarth, Nicole Palekar, Francis A. Farrey, Jonathan A. Leighton, Jeffry Katz, Russell D. Cohen, Mark E. Gerich, Raymond K. Cross, Peter D. Higgins, Andrew Tinsley, Sarah C. Glover, Corey A. Siegel, Jaime L. Bohl, Heba Iskandar, Samantha Raymond, Ruqi Huang, Mayte Suarez-Farinas, Bruce E. Sands</td>
<td>AGA State-of-the-Art Lecture</td>
<td>3144888</td>
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<tbody>
<tr>
<td>12:00 pm</td>
<td>Using endoscopic fine needle biopsies of pancreatic ductal adenocarcinoma for immunotherapy precision medicine</td>
<td>Eileen Carpenter, Nina Steele, Veerin Sirirotchari, Samantha Kemp, Lawrence Delrosario, Timothy Frankel, Howard Crawford, Michelle A. Anderson, Marina Pasca Di Magliano</td>
<td>Poster Session</td>
<td>3157048 • Sa2039</td>
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<tbody>
<tr>
<td>12:00 pm</td>
<td>Utility of esophagram after per-oral endoscopic myotomy (POEM)</td>
<td>Chananayaram A. Reddy, Anna Tavakkoli, Mustafa Abdul-Hussein, Andrew C. Chand, Joan W. Chen, Mahmoud Al-Hawary, Stacy B. Menees, Shanti L. Eswaran, Allen Lee, William Chey</td>
<td>Poster Session</td>
<td>3158597 • Sa1808</td>
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<th>Speakers</th>
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<tbody>
<tr>
<td>12:00 pm</td>
<td>Validation and comparison of tools for selecting individuals for screening for Barrett’s esophagus and early neoplasia</td>
<td>Joel H. Rubenstein, Li Jiang, Akbar K. Waljee, Valbona Metko, Kimberly Nofz, Maryam Khodadost, Trivellore Raghunathan</td>
<td>Poster Session</td>
<td>3153129 • Sa1141</td>
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**ELEMENTS OF EFFECTIVE INTERVENTIONS**

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<tr>
<td>4:20 PM</td>
<td>Elements of effective interventions</td>
<td>Elliot Benjamin Tapper</td>
<td>Clinical Symposium</td>
<td>3052836</td>
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<tbody>
<tr>
<td>4:00 PM</td>
<td>Endoscopic treatment of esophageal diverticulum: What is the best approach?</td>
<td>Ryan Law</td>
<td>Clinical Symposium</td>
<td>312800</td>
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<tbody>
<tr>
<td>8:15 AM</td>
<td>Non-surgical treatment of HCC and cholangiocarcinoma</td>
<td>Neehar Dilip Parikh</td>
<td>Clinical Symposium</td>
<td>3113162</td>
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<th>Location</th>
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<tbody>
<tr>
<td>10:44 AM</td>
<td>Overcoming benign strictures</td>
<td>Michelle A. Anderson</td>
<td>Clinical Symposium</td>
<td>3060984</td>
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<tr>
<td>4:48 PM</td>
<td>What to do after negative endoscopic evaluations in obscure GI bleeding?</td>
<td>James M. Scheiman</td>
<td>Clinical Symposium</td>
<td>3113877</td>
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<tbody>
<tr>
<td>4:20 PM</td>
<td>Why mast it be so hard? Mast cell disorders of the GI tract</td>
<td>Leslie B. Aldrich</td>
<td>Clinical Symposium</td>
<td>3054472</td>
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</table>
Autoimmune antibodies and symptoms of autoimmune disorder in gastroparesis patients
Research Forum 4:00 pm 29B (San Diego Convention Center) 3134945

Avoidant/restrictive food intake disorder among adult gastroenterology behavioral health patients: Demographic and clinical characteristics
Kimberly N. Harer, Christina H. Jagielski, Megan E. Rielh, William D. Chey
Research Forum 8:54 am 28E (San Diego Convention Center) 3157643

Characterization of pyloric tonic and phasic pyloric motor activity using expanded EndoFLIP measures before and after G-POEM for medication-refractory gastroparesis
William L. Hasler, Jason Baker, Lydia Watts, Nicole Bowers, Deepa Chandhrasekhar, Allen Lee, Ryan Law
Research Forum 5:15 pm 29B (San Diego Convention Center) 3158330

Complete histologic normalization is associated with reduced risk of relapse among patients with ulcerative colitis in complete endoscopic remission
Kelly C. Cushing, William Tan, David H. Alpers, Vikram Deshpande, Ashwin Ananthakrishnan
Research Forum 11:00 am 30 (San Diego Convention Center) 3139099

Dietary serine regulates the integrity of intestinal mucus barrier during intestinal inflammation
Kohei Sugihara, Nobuhiko Kamada
Research Forum 9:15 am 30 (San Diego Convention Center) 3146288

Differential post-translational modification of polymorphic MSH3 and novel binding partner NEMO is associated with its nuclear-to-cytosol shuttling
Stephanie Tseng-Rogenski, Wei Zheng, Minoru Koi, Yang Zhang, John M. Carethers
Research Forum 5:00 pm 27AB (San Diego Convention Center) 3145315

Using deep learning for automated grading of endoscopic disease severity in ulcerative colitis
Ryan W. Stidham, Wenshuo Liu, Shrinivas Bishu, Michael D. Rice, Peter D. Higgins, Brahmaajeet Nallamothu, Ji Zhu, Akbar K. Waljee
Research Forum 10:45 am 30 (San Diego Convention Center) 3146180

Altered gut microbiota induced by a dietary emulsifier degrades the colonic mucus barrier and promotes visceral hypersensitivity
Dabo Xu, Xiaoyin Wu, Merritt Gilliland, Weiyang Zheng, Xiaomin Hu, Eric Martens, Chung Owyang
Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3157601 • Su1996

Amino acid sensing is an essential mechanism of mTORC1 activation in colorectal tumorigenesis
Sumeet A. Solanki, Jun-Hee Lee, Yatrik M. Shah
Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3157601 • Su1996

Clinical characteristics of patients with symptoms of gastroparesis and history of pancreatitis
Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3139543 • Su1446

Concordance of vibration controlled transient elastography, shear wave elastography, non-invasive biomarkers and liver histology in a real world clinical setting
Sydni Williams, Nikhil Patel, Anna Lok, Monica A. Konerman
Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3158704 • Su1474

Disruption of circadian rhythm reduces thermogenesis in brown adipose tissue, leading to abnormal weight gain and development of metabolic syndrome. Mediation by gut dysbiosis and endotoxemia.
Xiaomin Hu, Ji-Yao Li, Xiaoyin Wu, Shi-Yi Zhou, Merritt Gilliland, Xu Han, Weiyang Zheng, Chung Owyang
Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3157478 • Su2004

Efficacies of tailored therapy versus guideline-recommended empiric therapies for eradication of Helicobacter pylori – a trend survey over 20 years in Taiwan (1999-2018)
Chien-Chih Tung, Chi-Tan Hu, I-Nan Kuo, Bor-Ru Lin, Hong-Long Wang, Jin-De Chen, Mu-Liang Cheng, Chia-Tung Shun, Ming Jium Shieh, John Y. Kao, Jyh-Chin Yang
Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3151576 • Su1280
SUNDAY, MAY 19 (cont’d)

Functional lumen imaging probe is useful for the quantification of gastric sleeve stenosis and prediction of response to endoscopic dilation
Jessica X. Yu, Jason Baker, Joan W. Chen, Ryan Law, Amar B. Mandal, Joel H. Rubenstein, Lydia Watts, Shelby A. Sullivan, Allison R. Schuman
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3157788 • Su2047

Fusobacterium nucleatum infection associates with two types of microsatellite alterations in colorectal cancers (CRC)
Minoru Koi, Yoshiki Okita, Yoshinaga Okugawa, Takahito Kitajima, Yuji Toiyama, Erika Koepp, Elena M. Stoffel, John M. Carethers
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3145380 • Su1990

How cost affects treatment choice for irritable bowel syndrome with diarrhea: A cost-effectiveness analysis of guideline-recommended treatment interventions to determine appropriate order of therapy in clinical practice
Eric D. Shah, Peter R. Gibson, Jane Muir, Shanti L. Eswaran, William D. Chey
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3144834 – Su1588

Identification of nuclear lamina genetic variants associated with nonalcoholic fatty liver disease in a well-phenotyped academic medical center-based cohort
Graham Brady, Ayse Bilge Ozel, Matthew Zawistowski, Jun Li, M. Bishr Omary
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3148434 – Su1588

Lamin mutations in familial partial lipodystrophy point to phosphorylation as a therapeutic target
Eric W. Lin, Graham Brady, Raymond Kwan, Alexey Nesvizhskii, M. Bishr Omary
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3140921 • 1541

Pilot trial of a mobile technology based lifestyle intervention for individuals with non-alcoholic fatty liver disease
Monica A. Konerman, Angela Lyden, Jane J. Wong, Lisa M. Glass, Caroline Richardson, Elizabeth Jackson, Anna Lok
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3157074 • Su1560

Prescription opioid use and risk of adverse clinical outcomes among individuals with chronic liver disease
Monica A. Konerman, Brooke Kenney, Amit G. Singal, Elliot Benjamin Tapper, Pratima Sharma, Shari S. Rogal, Jessica L. Mellinger, Sameer Dev Saini, Brahmanee Nallamothu, Akbar K. Wajee
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3156426 • Su1496

Safety and efficacy of olorinab, a peripherally restricted, highly selective, cannabinoid receptor 2 agonist in a phase 2a study in chronic abdominal pain associated with Crohn’s disease
Bruce Yacyszyn, Daniel C. Ginsberg, Kye Gilder, Brandon Walsh, Brett English, Stewart A. Turner, Preston Klassen, Stephen B. Hanauer, Charles F. Barish, Peter D.R. Higgins
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3153588 • Su1930

Superbug or something else: Factors contributing to failure of antibiotic susceptibility-based tailored H. pylori eradication
Elena Fradkov, Bei Tan, Jyh-Chin Yang, Carol L. Young, Cullen Kathleen, Min Zhang, John Y. Kao
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3138188 • Su1296

MONDAY, MAY 20

Friedenwald Medal presentation
John I. Allen Friedenwald Medal recipient

AGA Presidential Plenary
10:33 AM
20BCD (San Diego Convention Center) 3142855

Gut dysbiosis contributes to visceral hypersensitivity in irritable bowel syndrome via regulation of the levels of resolvin D1 in the colonic mucosa
Gintautas Grabauskas, Xiaoyin Wu, Karissa D. Kao, Chung Owyang

AGA Distinguished Abstract Plenary
4:49 pm
31A (San Diego Convention Center) 3157440

Running a GI motility lab
Joan W. Chen, Abraham Khan
Breakfast Connections
6:30 AM
28CD (San Diego Convention Center) 3087251

Practical issues of career choice, contracting, and suture payment models
John I. Allen
Interactive Education • DDW Trainee and Early Career Lounge: Meet the Expert 12:15 PM
Sails Pavilion (SDCC) 3209244

Risk of medical complications following bariatric surgery is elevated in patients with immunologic diseases
Jessica Jou, Allison R. Schuman, Jonathan F. Finks, Amir A. Ghaf eri, Oliver Adrian Varban, Ryan W. Stidham
SSAT Quick Shot Session: Esophagus and Gastric II 4:12 PM
28CD (San Diego Convention Center) 3156539

ALD: Epidemic in the young
Elliot Benjamin Tapper
Clinical Symposium
8:00 am
3 (San Diego Convention Center) 3052992

Best basic abstracts (Best of AGA at DDW in Chinese)
John Y. Kao
Committee Sponsored Symposium 8:30 am
31A (San Diego Convention Center) 3053935
<table>
<thead>
<tr>
<th>Event Title</th>
<th>Time</th>
<th>Location</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>Confronting unconscious bias and strategies to address it</td>
<td>10:00 am</td>
<td>33ABC (San Diego Convention Center)</td>
<td>John M. Carethers</td>
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<tr>
<td>Clinical Symposium 4:15 pm</td>
<td>6C</td>
<td>(San Diego Convention Center)</td>
<td>John M. Carethers</td>
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<tr>
<td>Cholangiocarcinoma: Definitions and pathogenesis</td>
<td>10:44 am</td>
<td>33ABC (San Diego Convention Center)</td>
<td>Nataliya Razumilava</td>
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<tr>
<td>Clinical Symposium 10:44 am</td>
<td>33ABC</td>
<td>(San Diego Convention Center)</td>
<td>Nataliya Razumilava</td>
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<tr>
<td>Improving vaccination adherence in inflammatory bowel diseases (poster presentation)</td>
<td>10:44 am</td>
<td>33ABC (San Diego Convention Center)</td>
<td>Ted Walker, Alex Thomas, Kelly C. Cushing, Michael C. Bennett, Ricardo Badillo, Gregory S. Sayuk, C. Prakash Gyawali, Deborah Rubin, Cynthia Cherfan, Parakkal Deepa, Matthew A. Ciorba, George Christoph</td>
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<tr>
<td>Committee Sponsored Symposium 10:44 am</td>
<td>33ABC</td>
<td>(San Diego Convention Center)</td>
<td>Ted Walker, Alex Thomas, Kelly C. Cushing, Michael C. Bennett, Ricardo Badillo, Gregory S. Sayuk, C. Prakash Gyawali, Deborah Rubin, Cynthia Cherfan, Parakkal Deepa, Matthew A. Ciorba, George Christoph</td>
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<tr>
<td>Role of probiotics in the management of GI disease: Highlights from the AGA guideline</td>
<td>11:15 am</td>
<td>33ABC (San Diego Convention Center)</td>
<td>Purna Kashyap, Grace L. Su</td>
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<td>33ABC</td>
<td>(San Diego Convention Center)</td>
<td>Purna Kashyap, Grace L. Su</td>
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<td>The business of GI practice 101</td>
<td>11:15 am</td>
<td>33ABC (San Diego Convention Center)</td>
<td>John I. Allen</td>
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<td>Committee Sponsored Symposium 11:15 am</td>
<td>33ABC</td>
<td>(San Diego Convention Center)</td>
<td>John I. Allen</td>
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<tr>
<td>Training in endobariatrics therapy: Who, what, where, and how</td>
<td>4:15 pm</td>
<td>6C (San Diego Convention Center)</td>
<td>Allison R Schulman</td>
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<tr>
<td>Clinical Symposium 4:15 pm</td>
<td>6C</td>
<td>(San Diego Convention Center)</td>
<td>Allison R Schulman</td>
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<tr>
<td>When to test for H. pylori antibiotic resistance?</td>
<td>4:15 pm</td>
<td>6C (San Diego Convention Center)</td>
<td>John Y. Kao</td>
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<tr>
<td>Clinical Symposium 4:15 pm</td>
<td>6C</td>
<td>(San Diego Convention Center)</td>
<td>John Y. Kao</td>
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<tr>
<td>Deep learning models accurately predict development of HCC in 146,218 patients with chronic hepatitis C</td>
<td>8:15 am</td>
<td>(San Diego Convention Center)</td>
<td>George N. Ioannou, Weijing Tang, Lauren Beste, Monica A. Konerman, Grace L. Su, Tony Van, Eliott B. Tapper, Amit G. Singal, Ji Zhu, Akbar K. Waljee</td>
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<td>Efficacy of upadacitinib as an induction therapy for patients with moderately to severely active ulcerative colitis, with or without previous treatment failure of biologic therapy: Data from the dose-ranging phase 2B study U-ACHIEVE</td>
<td>4:45 pm</td>
<td>20A (San Diego Convention Center)</td>
<td>Remo Panaccione, Geert R. D’Haens, William J. Sandborn, Subrata Ghosh, Stefan Schreiber, Satoshi Tanida, Wen Zhou, Fabio Cataldi, David Pugatch, Bidan Huang, Wangang Xie, Peter D. Higgins</td>
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<td>Elevated HCC risk persists for up to 10 years after hepatitis C eradication in patients with baseline cirrhosis and elevated FIB-4 score</td>
<td>5:00 pm</td>
<td>11A (San Diego Convention Center)</td>
<td>George N. Ioannou, Weijing Tang, Lauren Beste, Monica A. Konerman, Grace L. Su, Tony Van, Eliott B. Tapper, Amit G. Singal, Ji Zhu, Akbar K. Waljee</td>
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<td>Research Forum 5:00 pm</td>
<td>11A</td>
<td>(San Diego Convention Center)</td>
<td>George N. Ioannou, Weijing Tang, Lauren Beste, Monica A. Konerman, Grace L. Su, Tony Van, Eliott B. Tapper, Amit G. Singal, Ji Zhu, Akbar K. Waljee</td>
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<td>Endoluminal functional luminal imaging probe (EndoFLIP) predicts the outcome of gastric per-oral endoscopic pyloromyotomy (G-POEM): A multicenter prospective study</td>
<td>2:30 pm</td>
<td>6C (San Diego Convention Center)</td>
<td>Kia Vosoughi, Yervant Ichkhianian, Jeremie Jacques, Olivier Rag, A. Aziz Aadam, Joseph Triggs, Petros C. Benias, Ryan Law, Nicole Bowers, Olaya I. Brewer Gutierrez, Saowanee Ngamruengphong, Vivek Kumbhari, Anthony N. Kolloo, John E. Pandolfino, Mouen A. Khashab</td>
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<td>Research Forum 2:30 pm</td>
<td>6C</td>
<td>(San Diego Convention Center)</td>
<td>Kia Vosoughi, Yervant Ichkhianian, Jeremie Jacques, Olivier Rag, A. Aziz Aadam, Joseph Triggs, Petros C. Benias, Ryan Law, Nicole Bowers, Olaya I. Brewer Gutierrez, Saowanee Ngamruengphong, Vivek Kumbhari, Anthony N. Kolloo, John E. Pandolfino, Mouen A. Khashab</td>
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<td>Escherichia coli heat-stable toxin impairs colonic epithelial barrier function via cGMP-induced oxidative stress, apoptosis, and NF-kB activation</td>
<td>2:00 pm</td>
<td>29B (San Diego Convention Center)</td>
<td>Ting Zheng, Shi-Yi Zhou, Sha Huang, Jason Spence, Chung Owyang</td>
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<tr>
<td>Research Forum 2:00 pm</td>
<td>29B</td>
<td>(San Diego Convention Center)</td>
<td>Ting Zheng, Shi-Yi Zhou, Sha Huang, Jason Spence, Chung Owyang</td>
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<td>Gastric peroral endoscopic myotomy (G-POEM) for the treatment of refractory gastroparesis: Results from the first international prospective trial</td>
<td>4:15 pm</td>
<td>4 (San Diego Convention Center)</td>
<td>Kna Vosoughi, Yervant Ichkhianian, Petros C. Benias, Larry S. Miller, A. Aziz Aadam, Joseph Triggs, Ryan Law, Dalton Chaves, Alberto M. da Ponte, Peter V. Draganov, Andrey I Kotzev, Maan El Halabi, Omid Sanaei, Olaya I. Brewer Gutierrez, John E. Pandolfino, Anthony N. Kolloo, Mouen A. Khashab</td>
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<td>Neutrophils restrict tumor-associated microbiota to dampen colon tumor growth and invasion</td>
<td>2:00 pm</td>
<td>30 (San Diego Convention Center)</td>
<td>Daniel Triner, Samantha Devenport, Yatrik Shah</td>
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<td>Research Forum 2:00 pm</td>
<td>30</td>
<td>(San Diego Convention Center)</td>
<td>Daniel Triner, Samantha Devenport, Yatrik Shah</td>
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<tr>
<td>Overuse of surveillance endoscopy for Barrett’s esophagus in individuals with limited life expectancy</td>
<td>4:15 pm</td>
<td>30 (San Diego Convention Center)</td>
<td>Joel H. Rubenstein, Mohamed Noureldin, Anna Tavakoli, Chin Hui, John M. Inadomi, Iris Lansdorp-Vogelaar, Amir-Houshang Omidvari, Elissa Ozanne, Sameer D. Saini, Akbar K. Waljee</td>
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<td>Research Forum 4:15 pm</td>
<td>30</td>
<td>(San Diego Convention Center)</td>
<td>Joel H. Rubenstein, Mohamed Noureldin, Anna Tavakoli, Chin Hui, John M. Inadomi, Iris Lansdorp-Vogelaar, Amir-Houshang Omidvari, Elissa Ozanne, Sameer D. Saini, Akbar K. Waljee</td>
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The age to stop endoscopic surveillance of Barrett’s esophagus: A cost-effectiveness analysis


Research Forum 8:45 am 24ABC (San Diego Convention Center) 3139401

Butyrate-treated colon organoids from FAP subjects suppress key cancer pathways when ZBP-89 (ZNF148) deleted

Akash Gupta, Ramon Ocañez-Ruíz, Durga Attili, Michael K. Dame, Elaine Brady, D. Kim Turgeon, Juanita L. Merchant

Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3150115 • Mo1730

Citrobacter rodentium induces CD4⁺ tissue resident memory T-cells that expand with re-challenge


Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3137431 • Mo1773

Comparison of symptom and quality of life outcomes over 6 months in suspected gastroparesis due to diabetic vs. non-diabetic etiology: Importance of diabetic subtype and gastric emptying delays


Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3148966 • Mo1572

Does other end-organ damage correlate with risk of gastroparesis in diabetics?


Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3154785 • Mo1591

Effect of upadacitinib on extra-intestinal manifestations in patients with moderate to severe Crohn’s disease: Data from the CELEST study

Laurent Peyrin-Biroulet, Silvio Danese, Edouard Louis, Peter D.R. Higgins, Marla Dubinsky, Fabio Cataldi, Qian Zhou, Wan-Ju Lee, Kristina Kljgys

Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3135435 • Mo1837

High-fat diet reduces brown adipose tissue thermogenesis, which contributes to obesity: Mediation by gut dysbiosis and endotoxemia

Ji-Yao Li, Xiaoyin Wu, Gintautas Grabauskas, Merritt Gilliland, Chung Owyang

Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3157072 • Mo2012

Induction of whole genome doubling with MSH3-deficiency in human colon diploid cells

Satoshi Suzuki, Minoru Koi, John M. Carethers

Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3145363 • Mo1741

Liquid biopsy for prognosis in hepatocellular carcinoma (HCC) using circulating tumor cells (CTCS): A systematic review and meta-analysis

Vincent L. Chen, Dabo Xu, Ramdane Harouaka, Max Wicha, Anna Lok, Neehar D. Parikh

Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3156938 • Mo1451

Long-term quality of life among patients with neoplastic Barrett’s esophagus following endoscopic therapy compared to esophagectomy


Poster Session 12:00 pm Halls C-E (San Diego Convention Center) 3147067 • Mo1196
MONDAY, MAY 20 (cont’d)

Marijuana use in patients with symptoms of gastroparesis: prevalence, patient characteristics, and perceived benefit
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3154011 • Mo1592

Morbid obesity increases 30-day readmission and morbidity in Clostridium difficile infection
Amar B. Mandalia, Marwan Samir Abougergi, Allison R. Schulum
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3157249 • Mo1962

Patterns of care in the management of eosinophilic esophagitis
Joy W. Chang, Samuel R. Olson, Ju Young Kim, Joel Greenson, Joan W. Chen, Georgiana Sanders, Joel H. Rubenstein
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3150829 • Mo1155

Racial and geographic disparities in pancreatic cancer incidence and mortality in the United States
Anna Tavakkoli, Amit G. Singal, Akbar K. Waljee, B. Joseph Elmunzer, Sandi Pruitt, Joel H. Rubenstein, James M. Scheiman, Caitlin C. Murphy
Poster of Distinction
12:00 pm
Halls C-E (San Diego Convention Center) 3141737 • Mo1718

Responder definitions for the ulcerative colitis patient-reported outcomes signs and symptoms (UC-PRO/SS) tool using patients with ulcerative colitis treated with etrolizumab
Peter D.R. Higgins, Alison Matsui, Kendra DeBusk, Jennifer Pulley, Astrid Scalori, Young S. Oh, Udayasankar Arulmani
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3149036 • Mo1817

TUESDAY, MAY 21

The influence of pets on risk for Clostridium difficile infection (CDI)
Jeffrey Berinstein, Calen A. Steiner, Katelin Roth, Emily Briggs, Krishna Rao, Peter D. Higgins
Posters Session
12:00 pm
Halls C-E (San Diego Convention Center) 3149072 • Mo1945

Tumor necrosis factor α and IL-17a producing CD4+ tissue resident memory T-cells are expanded in Crohn’s and are inhibited by the anti-inflammatory microbial metabolite butyrate
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3144362 • Mo1877

Upper gastrointestinal series after sleeve gastrectomy is unnecessary to evaluate for gastric sleeve stenosis
Amar B. Mandalia, Jessica Xinyao Yu, Allison R. Schulum
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3157433 • Mo2039

EUS-guided gastroenterostomy to facilitate ERCP in a patient with duodenal switch anatomy
Ryan Law, Amy E. Hasmer, Arjun R. Sondhi, Christopher Sonnenday
Video Session • ASGE Video Plenary - Part II
9:52 am
6AB (San Diego Convention Center) 3140573

Road to precision in diet therapy for functional bowel and motility disorders
Shanti L. Eswaran
Breakfast Connections
6:30 am
26AB (San Diego Convention Center) 3103336

When to test for H. pylori antibiotic resistance?
John Y. Kao
Meet-the-Professor Luncheon
12:30 pm
25ABC (San Diego Convention Center) 3088138

Central and peripheral stress pathways and effects on barrier function
John W. Wiley
Translational Symposium
2:44 pm
29B (San Diego Convention Center) 3053595

Management of pancreas cysts: Current guidelines
Grace H. Elta
Clinical Symposium
8:44 am
1 (San Diego Convention Center) 3061588

Overlap between food intolerances and IBS
William D. Chey
Clinical Symposium
10:00 am
24ABC (San Diego Convention Center) 3052828

Cyclic Vomiting Syndrome Practice Guidelines Committee survey of cannabinoid hyperemesis syndrome criteria: Relation to published case series and individual reports
William L. Hasler, B. U. Li, David J. Levinthal, Sally E. Tarbell, Kathleen A. Adams, Robert Issenman, Irene Sarosiek, Safwan Jaradeh, Ravi Sharaf, Shahnaz Sultan, Christopher D. Stave, Thangam Venkatesan
Research Forum
11:12 am
9 (San Diego Convention Center) 3155518
TUESDAY, MAY 21 (cont’d)

Efficacy and safety of mirikizumab (LY3074828) in a phase 2 study of patients with Crohn’s disease
Research Forum
10:00 am
20BCD (San Diego Convention Center)
3195543

Experience with a novel 30mm hydrostatic balloon in esophageal dysmotility: A multicenter retrospective analysis
Topic Forum
8:00 am
4 (San Diego Convention Center)
3138624

Gut dysbiosis characterized by overabundance of Enterobacteriaceae contributes to gastric pain in diabetic gastroparesis
Shi-Yi Zhou, Ting Yu, Xiaoyin Wu, Gintautas Grabauskas, Xiaomin Hu, Sho Kitamoto, Nobuhiko Kamada, Nicholas Pubdo, Eric Martens, Chung Owyang
Research Forum
8:15 am
29CD (San Diego Convention Center)
3157740

Inducement of double strand breaks (DSB) triggers differential MSH3 intracellular shuttling based on a poly-alanine-PXXP polymorphism near its nuclear localization signal (NLS)
Minoru Koi, Mikayla Woodard, Stephanie Tseng-Rogenski, Satoshi Suzuki, John M. Carethers
Research Forum
8:00 am
27AB (San Diego Convention Center)
3141731

Living on the edge – success, long-term complications, and implications following EUS-directed transgastric ERCP: A multicenter study
Topic Forum
10:15 am
2 (San Diego Convention Center)
3158640

Long-term sustainability of outcomes following completion of a structured lifestyle intervention program for patients with metabolic syndrome and non-alcoholic fatty liver disease
Monica A. Konerman, Min Zhang, Megan S. Joseph, Samantha Fink, Anna Lok, Melvyn Rubenfire
Research Forum
11:00 am
8 (San Diego Convention Center)
3158266

miR130b expressed by SLFN4+—MDSCs stimulates epithelial proliferation and pre-neoplastic changes
Lin Ding, Qian Li, Andres Munoz, Yana Zavros, Emmanuelle Faure, Dimitrios Iliopoulos, Jayati Chakrabarti, Juanita L. Merchant
Research Forum
8:45 am
3 (San Diego Convention Center)
3153624

Prospective, multi-center 2 year study to determine the influence of high-level disinfection alone versus ethylene oxide sterilization with high-level disinfection on endoscopic ultrasound (EUS) imaging
Topic Forum
3:00 pm
6C (San Diego Convention Center)
3153353

Polygenic partial lipodystrophy contributes to nonalcoholic fatty liver disease (NAFLD) and liver fibrosis in the population
Vincent L. Chen, Samuel K. Handelman, Brian Halligan, Yantu Chen, Xiaomeng Du, Elizabeth K. Speliotes
Research Forum
10:00 am
8 (San Diego Convention Center)
3158174

Primary cilia transduce inflammatory and Hedgehog signaling to modulate gastrin expression and antral hyperplasia
Lin Ding, Qian Li, Andres Munoz, Milena Saquisalces, Juanita L. Merchant
Research Forum
10:00 am
29CD (San Diego Convention Center)
3154809

The Bcl-2 inhibitor ABT-263 attenuates intestinal fibrosis in human intestinal organoids and the mouse S. typhimurium model
Eva S. Rodansky, Laura Johnson, Benjamin J. Malamet, Sha Huang, Lisa Hazelwood, Jason Spence, Peter D. Higgins
Research Forum
9:15 am
8 (San Diego Convention Center)
3149491

Adherent-invasive Escherichia coli colonization promotes intestinal fibrosis via activation of IL-33/ST2 signaling
Jin Imai, Sho Kitamoto, Hiroko Nagao-Kitamoto, Atsushi Hayashi, Tina Morhardt, Peter Kuffa, Peter D.R. Higgins, Nicolas Barnich, Nobuhiko Kamada
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3144771 • Tu1794

Application of deep learning models to predict progression to cirrhosis among veterans with chronic hepatitis C
Monica A. Konerman, Weijing Tang, George N. Ioannou, Lauren Beste, Grace L. Su, Tony Van, Elliot Benjamin Tapper, Sameer Dev Saini, Brahmagaj Jallamothu, Ji Zhu, Akbar K. Waljee
Poster Session
12:00 pm
Halls C-E (San Diego Convention Center)
3158150 • Tu1482
Democratic deliberation to assess veteran preferences on allocation of healthcare resources for chronic hepatitis C treatment

Akbar K. Waljee, Kerry A. Ryan, Monica A. Konerman, Lauren Beste, George N. Ioannou, Grace L. Su, Sameer Dev Saini, Maria Hughes, Amanda Ellis, Pia Roman, Chris Krenz, Raymond De Vries

Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3156455 • Tu1496

Distance of travel to the site of screening colonoscopy does not impact bowel preparation quality or adenoma detection

Keith Naylor, Amit Gupta

Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3158157 • Tu1021

Esophageal histopathologic patterns in patients undergoing per-endoscopic myotomy (POEM)

Chanakyaram A. Reddy, Ryan Law, Henry D. Appelman, Andrew C. Chang, Sheryl J. Korsnes, Joan W. Chen

Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3147360 • Tu1257

Esophageal manometry competency program improves performance in motility diagnostics in gastroenterology fellows


Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3139827 • Tu1027

EUS-guided creation of entero-enterostomy using lumen apposing metal stents for pancreaticobiliary access in non-RYGB surgical anatomy patients


Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3128074 • Tu1983

Factors associated with lack of improvement of patient reported outcomes (PRO) in chronic hepatitis C (CHC) patients with sustained virologic response (SVR)

Maria Stepanova, Elliot Benjamin Tapper, Edward Gane, Mark S. Sulkowski, Marc Bourliere, Zobair M. Younossi

Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3147507 • Tu1487

Fragmented care is prevalent among patients with readmission following bariatric surgery and is associated with increased cost

Allison R. Schulman, Marwan Samir Abougergi

Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3158095 • Tu1004

Hepatitis C eradication reduces the risk of developing hepatic encephalopathy and increases the likelihood of resolution of pre-treatment hepatic encephalopathy

Elliot Benjamin Tapper, Neehar Dilip Parikh, Pamela Green, Kristin Berry, Akbar K. Waljee, Andrew M. Moon, George N. Ioannou

Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3146762 • Tu1585

How often do gastroenterologist’s screen for psychological trauma? Identifying the unmet need.

Christina H. Jagielski, Megan E. Riehl, William D. Chey

Poster of Distinction
12:00 pm
Halls C-E (San Diego Convention Center) 3143044 • Tu1609

Incomplete response of symptoms of gastroesophageal reflux disease to proton pump inhibitors poorly predicts erosive esophagitis and Barrett’s esophagus

Joel H. Rubenstein, Li Jiang, Jacob E. Kurlander, Joan W. Chen, Valbora Metko, Maryam Khodadost, Kimberly Nozf, Trivellore Raghu Nathan

Poster of Distinction
12:00 pm
Halls C-E (San Diego Convention Center) 3143066 • Tu1172

Increasing subcutaneous fat and weight are correlated with reduced adalimumab drug levels in patients with inflammatory bowel disease


Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3141698 • Tu1817

Rapidity of symptomatic and inflammatory biomarker improvements following upadacitinib induction treatment: Data from the U-Achieve study


Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3132233 • Tu1727

Venous thromboembolism during index admission for Roux-en-Y gastric bypass increases one year mortality

Jessica Xinyao Yu, Marwan Samir Abougergi, Allison R. Schulman

Poster Session
12:00 pm
Halls C-E (San Diego Convention Center) 3158741 • Tu1927