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ORIGINAL RESEARCH**Full Reports****Gastroduodenal**

- 605 Global Prevalence of *Helicobacter pylori* Infection and Incidence of Gastric Cancer Between 1980 and 2022**

Y.-C. Chen, P. Malfertheiner, H.-T. Yu, C.-L. Kuo, Y.-Y. Chang, F.-T. Meng, Y.-X. Wu, J.-L. Hsiao, M.-J. Chen, K.-P. Lin, C.-Y. Wu, J.-T. Lin, C. O'Morain, F. Megraud, W.-C. Lee, E. M. El-Omar, M.-S. Wu, and J.-M. Liou

The prevalence of *Helicobacter pylori* has decreased from 52.6% (95% confidence interval, 49.6%–55.6%) before 1990 to 43.9% (95% confidence interval, 42.3%–45.5%) during 2015 to 2022 in adults, but not in children and adolescents, concomitant with a decrease of gastric cancer incidence globally and in various countries where the prevalence of *Helicobacter pylori* infection has declined.

Small Bowel

- 620 Accuracy of the No-Biopsy Approach for the Diagnosis of Celiac Disease in Adults: A Systematic Review and Meta-Analysis**

M. G. Shiha, N. Nandi, S. A. Raju, G. Wild, S. S. Cross, P. Singh, L. Elli, G. K. Makharia, D. S. Sanders, and H. A. Penny

See editorial on page 557.

The diagnosis of celiac disease involves blood tests to detect elevated antibodies triggered by eating gluten, and endoscopy with biopsy from the small intestine to prove the damage to the intestinal lining. We found that when the levels of the antibodies are very high, damage to the intestinal lining is almost certain, and endoscopy may not be required in all cases.

Inflammatory Bowel Disease

- 631 The FOXP3⁺ Pro-Inflammatory T Cell: A Potential Therapeutic Target in Crohn's Disease**

R. L. Kosinsky, M. M. Gonzalez, D. Saul, L. L. Barros, M. R. Sagstetter, Y. Fedyshyn, A. Nair, Z. Sun, F. H. Hamdan, H. R. Gibbons, M. E. Perez Pachon, B. R. Druliner, S. A. Johnsen, and W. A. Faubion

Crohn's intestinal lesions are enriched in a unique population of FOXP3⁺ cells that exhibit a pro-inflammatory transcriptional signature consistent with strong tumor necrosis factor- α signaling.

Functional GI Disease

- 645 Sex-Dependent Efficacy of Dietary Fiber in Pediatric Functional Abdominal Pain**

S. Y. So, S. Badu, Q. Wu, N. Yalcinkaya, Y. Mirabile, R. Castaneda, S. Musaad, M. Heitkemper, T. C. Savidge, and R. J. Shulman

Our study showed that dietary fiber preferentially reduces abdominal pain frequency in boys. It highlights the importance of considering sex in future dietary intervention studies for FAPDs.

Pancreas

658 A Randomized Controlled Phase 2 Dose-Finding Trial to Evaluate the Efficacy and Safety of Camostat in the Treatment of Painful Chronic Pancreatitis: The TACTIC Study

P. A. Hart, Y. Osypchuk, I. Hovbakh, R. J. Shah, J. Nieto, G. A. Cote, S. Avgaitis, O. Kremzer, J. Buxbaum, S. Inamdar, R. Fass, R. W. Phillips, D. Yadav, A. M. Ladd, M. T. Al-Assi, T. Gardner, D. L. Conwell, S. Irani, A. Sheikh, and J. Nuttall, on behalf of the TACTIC Study Investigators

See editorial on page 559.

Large symptomatic improvements were not detected in participants with chronic pancreatitis after 1 month of intervention with oral camostat compared with placebo.

Hepatobiliary

667 Cholangiocytes Modulate CD100 Expression in the Liver and Facilitate Pathogenic T-Helper 17 Cell Differentiation

X. Jiang, K. Otterdal, B. K. Chung, C. Maucourant, J. D. Rønneberg, C. L. Zimmer, J. Øgaard, Y. Boichuk, S. Holm, D. Geanon, G. Schneditz, A. Bergquist, N. K. Björkström, and E. Melum

A primary biliary cholangitis causal mutation contributes to the pathogenic interaction of immune cells with the cells lining the bile ducts that also have a specific inflammation-driving role.

Endoscopy

680 Influence of Procedural Volume on the Outcome of Gastric Endoscopic Submucosal Dissection: A Nationwide Population-Based Study Using Administrative Data

J. Y. Park, M.-S. Kim, B. J. Kim, and J. G. Kim

See editorial on page 561.

The risk of adverse outcomes of endoscopic resection of stomach neoplasms vary per hospital depending on the volume of procedures. These data could be important in terms of patient safety.

GI Bleeding

690 Standard of Care Versus Octreotide in Angiodysplasia-Related Bleeding (the OCEAN Study): A Multicenter Randomized Controlled Trial

L. C. M. J. Goltstein, K. V. Grooteman, L. H. P. Bernts, R. C. H. Scheffer, R. J. F. Laheij, L. P. L. Gilissen, R. W. M. Schrauwen, N. C. Talstra, A. T. Zuur, H. Braat, M. Hadithi, J. T. Brouwer, W. B. Nagengast, F. A. Oort, J. Tenthof van Noorden, W. Kievit, E. J. M. van Geenen, and J. P. H. Drenth

Octreotide treatment was compared with standard of care in an adequately powered randomized controlled trial, which established that octreotide significantly reduces transfusion requirements and endoscopic procedures in patients with angiodysplasia-related anemia.

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