

Food intake and its Effect: A Gastroenterology Study in USA

Subrahmanyam V^{1*}, Satya Varali M² and Sree Harsha Jalli³

¹Department of Bioinformatics, Hyderabad central University, India

²Department of Human Genetics, Andhra University, India

³Vigan Institute of Pharmaceutical Science, India

*Corresponding author: Subrahmanyam V, Department of Bioinformatics, Hyderabad central University, India, Tel: +91 9703366353; E-mail: jalliharsha@gmail.com

Received: December 10, 2016; Accepted: December 12, 2016; Published: December 14, 2016

Abstract

Gastroenterology is the branch within Internal Medicine which focuses on ingestion, digestion, utilization, elimination of which we intake, digestive system, and its disorders. It includes all the organs involved in digestion starting from mouth, tongue, saliva, oesophagus, stomach, small and large intestine, side organs of liver, biliary and pancreatic systems, and finally ends up in the rectum for excretion. Gastroenterology mainly refers to the diseases affecting the gastrointestinal tract. A wide range of research on gastroenterology is carried out in USA particularly in Mayo Clinic, Cleveland Clinic, Johns Hopkins Hospital, Massachusetts General Hospital, UCLA Medical Center, UPMC Presbyterian Shadyside, Mount Sinai Hospital, Cedars-Sinai Medical Center. Studies at these institutes shows that most of the gastroenterology disorders such as constipation, diarrhoea, nausea and vomiting vary widely among the residents of USA. More than 15 million people in the United States have been reported to suffer from these disorders as per the recent census.

Keywords: *Digestion; Gastroenterology; Digestive system; Hepatology; Peptic ulcer*

Introduction

Academic journals provide an open platform for physicians, researcher and students regarding the information on the recent advances in the field of gastroenterology around the world. Open access journals deliver free up-to-date and authoritative coverage of all the field of gastroenterology. It publishes articles by leading authorities, latest researches on treatment for diseases by experts. Such healthcare journals play important role in educating the society and increasing awareness worldwide regarding its prevalence and optimal care of digestive disorders through the provision of high quality, accessible, and independent education and training.

Gastroenterology Associations in USA

The first official organization that focused on Gastroenterology was the American Gastroenterological Association (AGA) in 1897. AGA is a reliable source of the Gastroenterology community. AGA has now more than 16,000 members from all

around the world who are involved in all field relating to the diagnosis and treatment of Gastroenterology. World Gastroenterology organization (WGO) is another major society, having more than 1000 members working on Gastroenterology, Hepatology, Endoscopy, and other related disciplines and it represents more than 50,000 individuals worldwide. There are society's worldwide workings towards the common goal of promoting and advancing excellence in Gastroenterology.

Recent Research on Gastroenterology

There are copious numbers of eminent experts in the field of Gastroenterology from USA. Trevor A Winter, director in the Division of Gastroenterology and Hepatology, Stanford School of Medicine, Stanford, California, USA. He is the editor in chief for the prestigious journal of Gastroenterology. He is the author of 62 papers, editorials, letters and reviews, 9 chapters, and 84 abstracts. He had presented on recent advances on short bowel syndrome in International Conference on Gastroenterology and Urology in USA [1-3]. Melissa Palmer is a senior Vice President of Clinical Research and Director of Hepatology at Kadmon Corporation. Dr. Palmer has performed trials of various experimental medications for the treatment of hepatitis and other liver diseases since 1983 and has been involved in various ways in the approval of every FDA approved drug for hepatitis and other liver diseases. One of her publication is Future Treatment of Hepatitis C: What will be the Fate of Ribavirin? This gives future perspective for treatment of hepatitis C [4]. David Bernstein is the author of numerous peer-reviewed articles and book chapters and a frequent guest lecturer both nationally and internationally. He is the chief of the digestive disease Institute and Director of Hepatology in the Division of Gastroenterology, Hepatology and Nutrition at North Shore University, USA. David E. Bernstein has conducted extensive research on the safety and efficacy of treatments for various types of chronic liver diseases such hepatitis B, hepatitis C and on coagulation disorders in liver disease. He is the author of many peer-reviewed articles and book chapters and a frequent guest lecturer both nationally and internationally. John Hart is a professor of Pathology and Gastroenterology in the University of Chicago. He is also the director of the gastrointestinal and hepatic pathology fellowship program. He has recently worked on comparative analyses of low, medium and high-resolution HLA typing technologies for human populations. These experts also serve as editorial board members of the journal on Gastroenterology.

Speakers from USA like Amy Oestreicher has recently taken a presentation on Healing after a gastrectomy: Bridging the body and mind after trauma with psychosomatic research in 8th International Conference on Clinical Gastroenterology and Hepatology held on October 03-05, 2016 at Toronto, Canada [5]. Yakira David has also presented on esophageal cancer in the same conference. Skillin C had briefed his work on Randomized clinical trial (RCT) of IFN-intolerant/ineligible (II) GT1 patients. Indran Indrakrishnan, a Clinical Professor of Medicine has given the recent update on proton Pump Inhibitors [6]. Aziz Aadam is specialized expertise in Gastrointestinal Oncology from USA. He has his recent presentation on EMR to ESD: East meets west, implementation of an Endoscopic submucosal dissection (ESD) program at an academic medical center [7]. Parminder Minhas and Inga Peter has taken the presentation on The Hidden Evil- GI bleed and small bowel obstruction caused by carcinoid tumor found during exploratory laparotomy and on Genetics of inflammatory bowel disease respectively at 7th Global Congress on Gastroenterology and Endoscopy held on September 12-14, 2016 at Atlanta, USA [8,9]. Novel IL-1 family cytokines: Role in gut inflammation had been briefed by Saleem Chowdhry [10]. Joshua Jackson has presented his work at major national conferences across the United States. His latest work on Screening vs. diagnostic colonoscopy: First time colon cancer screening in an inner city tertiary care hospital presented in 7th Global Congress on Gastroenterology and

Endoscopy. She had published several continuing education booklets on Electrosurgery [11]. Kristie Briggs has provided many lectures to local/regional SGNA meetings around the country and also presented at the National SGNA [12].

Ashwani K Singal, Simon S Rabinowitz, Muhammad Jawad, Arti R Thakkar, Dinesh S Pashankar, Seungil Ro, Uma Padhye Phatak, Anthony F Porto, Aliza B Solomon, Guruvayoorappan C and Kannan N, Howard M Hack (not limited to) are the potential speakers from USA who took part in Global Congress on Gastroenterology and Endoscopy and presented their work on different topics related to Gastroenterology like gastrointestinal disorders, celiac disease, inflammatory bowel disease, ulcerative colitis, abdominal pain, etc. [13-23].

There are meticulous researches are going on in USA. Study has been carried out on linear and non-linear quantitative structure retention relationships (QSRR) models for analysis of 5-aminosalicylates nanoparticles as digestive system nano drugs under synchrotron radiations by Heidari [24]. New preparation HyGIeaCare® is a novel alternative to oral purgative laxatives traditionally prescribed prior to colonoscopy for proper imagining of the colon. Research study found to assess the diagnostic accuracy of the tissue transglutaminase antibody (tTG-Ab) for celiac disease (CD) in paediatric patients by avoiding duodenal biopsy. Experiment on resection of pancreas and duodenum during radical nephrectomy from which patients may benefit from aggressive surgical interventions [25-31]. A novel therapy option in the treatment of lymphocytic colitis, Budesonide MMX due to its formulation and colonic delivery design which allows the high rates of colonic penetration with minimal systemic absorption. Study on prevalence and associated risk factors of *Helicobacter pylori* negative gastritis. This study provides inferences for screening of population with Hp-negative gastritis. Even they are doing research to improve their current process and easy retrieval of research data. Novel mobile device application (MDA) is one of them. The MDA may be a useful tool for recording and retrieving endoscopic procedure logs in a standard fashion [32-42].

Review literatures on fatty liver and liver cirrhosis, melanosis coli associated with gastric heterotopia of the anorectum as well as a shift in gastric mucosal type on repeat biopsy, endoscopic management of pancreatic pseudo cyst causing obstructive jaundice has been gaining more popularity, a multidisciplinary management algorithm of acute gastrointestinal bleeding which may serve as an useful work to establish similar protocols [43-51].

Case reports on Fitz-Hugh-Curtis Syndrome, melanosis “Coli”, angiotensin converting enzyme (ACE) inhibitor, transjugular liver biopsy, acute myopericarditis, overlap syndrome (Systemic Sclerosis and Rheumatoid Arthritis) with achalasia, malignant gastric outlet obstruction, renal cell carcinoma invading duodenum, colonic splenic flexure, gi mucosal injury and bleeding, hepatocellular carcinoma as spinal cord compression, sigmoid perforation during CT colonography, etc. have been recently published [52-60].

Peptic ulcer is one of the major types of Gastroenterological disorder worldwide. It is a known fact that peptic ulcers are generally caused by *H. Pylori*. A group of researchers from University of Texas Medical Branch have discovered specific physiological free amino acids as biomarkers for *H. pylori* associated with peptic ulcer [61-65]. *H. pylori* are not only the cause of peptic ulcer but it is also known to cause irritable bowel syndrome (IBS) [66]. Chronotherapeutic combined regimen therapy (CRT) of Allopathic (PPIs) and Ayurvedic (*Aloe vera*) medicine has shown significant improvement in the patients with peptic ulcer [67].

Gastro-intestinal (GI) cancer is a growing epidemic worldwide as per the literature published by peer reviewed journals in Gastroenterology. Personal medical history and lifestyle factors play a major role in a person developing GI cancer. Adjuvant systemic chemotherapy with either 5-FU/FA or gemcitabine and then followed by a curative resection for pancreatic adenocarcinoma shows significant improvement in patients [68]. Awareness should be created among the population worldwide regarding the growing incidences of GI Cancers. These cancers show fewer symptoms when compared to other cancerous cell. General symptoms include abdominal pain, vomiting, constipation or diarrhea, weakness or fatigue which are generally neglected (or) misdiagnosed as some other common digestive problems [69-72].

Celiac disease is a severe genetic autoimmune disorder; the ingestion of gluten by these individuals leads to damage in the small intestine. In a case report by Dr. El Gamrani, a rare association of the celiac disease has been found with ulcerative colitis. Another study carried out by Dr. Velmishi shows association with pericardial effusion [73-80].

Gastroenterologists at various conferences have delivered an excellent and novel ways of treatment, diagnosis and detailed understanding of the normal physiology of all the organs of digestive system, as well as movement through the intestines and gastrointestinal tract [81-84]. Understanding a digestive system is required to maintain a healthy digestion, proper absorption of nutrients and removal of waste through metabolic processes. The gastroenterologists also need to have a clear knowledge of ailments affecting the organs of the gastrointestinal system [85-94]. It includes peptic ulcer disease, oesophageal cancers, gastric cancers, achalasia, colon polyps, colon and bowel cancers, Barret's oesophagus, pancreatitis, pancreatic cancers, cholecystitis, gallbladder stones and cancer, gastroesophageal reflux, colitis, nutritional problems and malabsorption, hepatitis, biliary tract disease, irritable bowel syndrome (IBS) a host of other disease conditions [95-107].

It can be drawn to a conclusion that digestive system problems are mainly linked to improper diet [108-115], stress [116], food intolerance or allergy [117-120], sedentary lifestyle [121], medications [122] or simply a change in routine food intake [123-130].

Conclusion

While reviewing the rich history of Gastroenterology, it is evident that USA had contributed profoundly in forming the history of the Gastroenterology and witnessed the emerging new field. The first formal organization on Gastroenterology and the first World Congress of Gastroenterology were held in USA. Scientist and researchers from the field of Gastroenterology are working towards the innovative researches. Their presence and involvement in Global Congress and conferences on Gastroenterology and Endoscopy is the noteworthy indication of their valuable contribution in the field of Gastroenterology.

A wide range of drugs available to treat disorders related to digestive system. Such as antibiotics, antiemetic, anti-diarrhoeals, anti-flatulents, laxatives, drugs for acid-related disorders, etc. Recently FDA has approved drugs like Xifaxan (Rifaximin), Viberzi (Eluxadoline), Avycaz (Ceftazidime-avibactam), Cholbam (cholic acid), Lonsurf (Trifluridine and tipiracil), etc. Most recently in October 2016, FDA has given approval to Zinplava (Bezlotoxumab) for the treatment of recurrent *Clostridium difficile* infection in patients receiving antibacterial treatment. In near future, we may expect more detailed researches, conferences and articles in the wide spectrum of Gastroenterology.

REFERENCES

1. Winter TA, Jayasekera C. *Clostridium difficile* infection: A review of current treatment strategies. J Gastroint Dig Syst. 2013;3:e114.
2. Winter TA, Shah N. The evolving medical management of Short Bowel Syndrome. J Clin Trials. 2013;3:e113.
3. Winter TA. Short Bowel Syndrome, gut failure and nutrition. J Clinic Trials. 2011;1:e101.
4. Palmer M. Future treatment of hepatitis C: What will be the fate of Ribavirin? J Gastroint Dig Syst. 2013;3:e113.
5. Oestreicher A. Healing after a gastrectomy: Bridging the body and mind after trauma with psychosomatic research. 8th International Conference on Clinical Gastroenterology and Hepatology, Canada, 2016.
6. Pockros PJ, Skillin C, Box T, et al. Randomized clinical trial (RCT) of IFN-intolerant/ineligible (II) GT1 patients (TN or TE) including LDV/SOF failures with NS5A RAVs using SMV+SOF+/-RBV for 12/24 weeks. 8th International Conference on Clinical Gastroenterology and Hepatology, Canada, 2016.
7. Aadam A. EMR to ESD: East meets west, implementation of an ESD program at an academic medical center. 8th International Conference on Clinical Gastroenterology and Hepatology, Canada, 2016.
8. Minhas P. The Hidden Evil- GI bleed and small bowel obstruction caused by carcinoid tumor found during exploratory laparotomy. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
9. Peter I. Genetics of inflammatory bowel disease. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
10. Chowdhry S. Novel IL-1 family cytokines: Role in gut inflammation. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
11. Bamshad D, Jackson J, Okun J, et al. Screening vs. diagnostic colonoscopy: First time colon cancer screening in an inner city tertiary care hospital. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
12. Briggs K. Get in the right mode: Are you optimizing the use of argon plasma coagulation to enhance clinical outcomes? 7th Global Congress on Gastroenterology and Endoscopy. USA, 2016.
13. Singal AK. Acute kidney injury among patients with cirrhosis. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
14. Rabinowitz SS. The role of Endosonography (EUS) in evaluating pediatric eosinophilic esophagitis (EoE). 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
15. Jawad M. Abdominal pain after bariatric surgery. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
16. Thakkar AR. Pediatric population a miniature adult: A delusion. International Conference on Pediatric Gastroenterology and Pediatric Practices, USA, 2016.
17. Pashankar DS. Obesity and inflammatory bowel disease in children. International Conference on Pediatric Gastroenterology and Pediatric Practices, USA, 2016.
18. Ro S. Loss of miR-10b triggers depletion of interstitial cells of Cajal in diabetic mice. International Conference on Pediatric Gastroenterology and Pediatric Practices, USA, 2016.
19. Phatak UP. Obesity and gastrointestinal disorders. International Conference on Pediatric Gastroenterology and Pediatric Practices, USA, 2016.
20. Porto AF. Celiac disease and gluten related disorders: Understanding what is new with this new old disease. International Conference on Pediatric Gastroenterology and Pediatric Practices, USA, 2016.

21. Solomon AB. EoE: What have we learned in the last 20 years. International Conference on Pediatric Gastroenterology and Pediatric Practices, USA, 2016.
22. Heidari A. A gastrointestinal study on linear and non-linear quantitative structure (chromatographic) retention relationships (QSRR) models for analysis 5-aminosalicylates nano particles as digestive system nano drugs under synchrotron radiations. *J Gastrointest Dig Syst.* 2016;6:e119.
23. Gagneja HK, Parekh P, Burlison D, et al. HyGleaCare® preparation for colonoscopy-A technical update for success. *J Gastrointest Dig Syst.* 2016;6:458.
24. Sorser SA, Tran T, Hagglund K, et al. Is a small intestinal biopsy always necessary to diagnose celiac disease in children? *J Gastrointest Dig Syst.* 2016;6:412.
25. Chipollini J, Ciancio G. Resection of pancreas and duodenum during radical nephrectomy: Analysis of a single center experience. *J Gastrointest Dig Syst.* 2016;6:420.
26. Singh N, Patel A. Novel use of budesonide mmx in the treatment of lymphocytic colitis. *J Gastrointest Dig Syst.* 2016;6:423.
27. Roland BC, Lee D, Salem A, et al. Prevalence and associated risk factors of helicobacter pylori negative gastritis. *J Gastrointest Dig Syst.* 2016;6:392.
28. Jimoh LY, Obstein KL. Improving procedure logging among gastroenterology trainees using a mobile application. *J Comput Sci Syst Biol.* 2016;9:023-027.
29. Nichols TW. A Review of fatty liver/nash and liver cirrhosis: Genetics, prevention, nutritional, behavioral modification, exercise, pharmaceutical biophysics and biotech therapy. *J Liver.* 2013;3: 144.
30. Walley DR, Greer R, Gonzalez MF, et al. Melanosis “Coli” in anal heterotopic gastric mucosa: A case report and review of the literature. *J Gastrointest Dig Syst.* 2016;6:471.
31. Moole H, Bechtold ML, Cashman M, et al. Are double-layer stents better than plastic stents and self-expandable metal stents in palliating malignant biliary obstruction? Meta-analysis and systematic review. *J Gastrointest Dig Syst.* 2016;6:459.
32. Khalid M, Bakhit A, Gayam V, et al. Gastric emphysema in a diabetic patient presenting as chest pain-A case report and literature review. *J Gastrointest Dig Syst.* 2016;6:448.
33. Devani K, Gilotra T, Patel P, et al. Endoscopic management of pancreatic pseudo cyst complicated with obstructive jaundice: case report and literature review. *J Gastrointest Dig Syst.* 2016;6:414.
34. Behdin N, Ali AA, Edelman D. Review: Screening, diagnosis and management of gastric carcinoid. *J Gastrointest Dig Syst.* 2016;6:384.
35. Shiroshita H, Shiraishi N, Kusano T, et al. (2016) Prognostic factors in advanced gastric cancer patients with suprapancreatic lymph node metastasis. *J Gastrointest Cancer Stromal Tumor* 1:102.
36. Chavalitdhamrong D, Hughes SJ, Abbitt PL, et al. A Multidisciplinary management algorithm of acute gastrointestinal bleeding: A quality improvement project. *J Gastrointest Dig Syst.* 2016;6:439
37. Arredondo GP. Fitz-Hugh-Curtis syndrome as finding during open cholecystectomy and unknown pregnancy: Clinical case. *J Gastrointest Dig Syst.* 2016;6:468.
38. Mittal P, Agarwal A, Miller F, et al. Angiotensin converting enzyme (ACE) inhibitor associated small bowel angioedema and ascites presenting as recurrent acute abdomen: A case report. *J Gastrointest Dig Syst.* 2016;6:464.
39. Gonzalez-Aguirre AJ, Lin O, Cho C, et al. Transjugular liver biopsy in a multiple myeloma patient with hepatomegaly, portal hypertension and “miliary” liver lesions: A case report. *J Gastrointest Dig Syst.* 2016;6:390.

40. Dougherty T, Bashir S, Adam MKJ, et al. Acute Myopericarditis due to Hepatitis E virus infection: The first reported case in the western hemisphere. *J Gastrointest Dig Syst.* 2016;6:386.
41. Ruiz-Romero, Villar-Chavez, Valdovinos-Diaz, et al. Overlap syndrome (Systemic Sclerosis and Rheumatoid Arthritis) with Achalasia: An unusual association. *J Gastrointest Dig Syst.* 2016;6:426.
42. Samo S. Malignant gastric outlet obstruction. *J Gastrointest Dig Syst.* 2016;6:436.
43. Chipollini J, Ciancio G. Renal cell carcinoma invading duodenum: Management by Ancreaticoduodenectomy and discussion of treatments. *J Gastrointest Dig Syst.* 2016;6:394.
44. Samo S, Komanduri S. An unusual mass at the colonic splenic flexure. *J Gastrointest Dig Syst.* 2016;6: 406.
45. Subramanian CR, Roorda A. GI mucosal injury and bleeding: Association with sevelamer crystals. *J Gastrointest Dig Syst.* 2016;6:409.
46. Turner J, Page M, Clark C, et al. Sigmoid perforation during CT colonography in a patient with an inguinal hernia and concomitant finding of a right-sided colon cancer. *J Gastrointest Dig Syst* 2016;6:378.
47. Sangli S, Mankal PK, Fowle E, et al. An atypical initial presentation of hepatocellular carcinoma as spinal cord compression. *J Gastrointest Dig Syst.* 2016;6:416.
48. Nikose S, Arora M, Singh P, et al. Gastrointestinal adverse effects due to use of non-steroidal anti-Inflammatory drugs (NSAIDs) in non-traumatic painful musculoskeletal disorders. *J Gastrointest Dig Syst.* 2015;5:348.
49. Narkhede A, Marda SS, Balani A, et al. Giant abdominal wall pseudocyst with recurrent incisional hernia following mesh repair hernioplasty. *J Gastrointest Dig Syst.* 2015;5:349.
50. Nijhawan S, Goyal G. Celiac disease review. *J Gastrointest Dig Syst.* 2015;5:350.
51. Martins JCS, Mendes LSC, Duraes AR. Cardiovascular complications of gastrointestinal diseases. *J Gastrointest Dig Syst.* 2015;5:351.
52. Karakoyun M, Kilicoglu E, Sahan YO, et al. Our cases with sucrase isomaltase deficiency. *J Gastrointest Dig Syst.* 2015;5:354.
53. Ortola P, Carazo ME, Cortes J, e al. Multiseptate gallbladder in an asymptomatic pediatric patient. *J Gastrointest Dig Syst.* 2015;5:353.
54. Schneider NI, Langner C. The status of histopathology in the diagnosis of gastroesophageal reflux disease-time for reappraisal? *J Gastrointest Dig Syst.* 2015;5:355.
55. Fabbri D, Campana D, Santini D, et al. A rare case of pancreatitis, panniculitis and polyarthritis: The P-P-P syndrome. *J Gastrointest Dig Syst.* 2015;5:356.
56. Nayi VR, Johnson DA. Lymphocytic Esophagitis: A newly recognized mimic of eosinophilic esophagitis. *J Gastrointest Dig Syst.* 2015;5:357.
57. Eusébio M, Caldeira P, Cabrita C, et al. Diarrhea and symptomatic coagulopathy: An uncommon presentation of celiac disease. *J Gastrointest Dig Syst.* 2015;5:358.
58. Gurfinkel A, Ben-Tov A, Kori I, et al. Balloon or bougienage dilation for esophageal stenosis in children? *J Gastrointest Dig Syst.* 2015;5:361.
59. Ju H, Brasier AR, Kurosky A, et al. Diagnostics for statistical variable selection methods for prediction of peptic ulcer disease in *Helicobacter pylori* infection. *J Proteomics Bioinform.* 2014;7:095-101.
60. Subudhi BB, Sahoo SP, Sahu PK. Updates in drug development strategies against peptic ulcer. *J Gastrointest Dig Syst.* 2016;6:398.

61. Ibrahim AM, Atef RM, Mansour SA, et al. Association of cag E Gene and LL-37 Serum level with *Helicobacter pylori*; induced peptic ulceration in Egyptian patients. J Medical Microbiol Diagnosis. 2015;S5:002.
62. Zaghlool SS, Shehata BA, Abo-Seif AA, et al. Comparison between the protective effects of famotidine, ginger and Marshmallow on pyloric ligation-induced peptic ulcer in rats. J Bioequiv Availab. 2015;7: 170-178.
63. Kadhim G, Omar H, Ismail A. Risk factors associated with peptic ulcer disease. J Bioengineer and Biomedical Sci. 2015;5:142.
64. Nasrat AM, Nasrat RM, Nasrat MM. The real fact in irritable bowel syndrome. Gen Med (Los Angel). 2015;3:213.
65. Mani P, Neelesh M, Sourabh K, et al. Treatment and replenishment of G.I. tract with combined regimen therapy (CRT) of Allopathic (PPIs) and Ayurvedic (Aloe Vera) Medicine in peptic ulcer disease to counteract relapse. J Gastrointest Dig Syst. 2015;5:272.
66. Oldfield F, Ghaneh P, Jackson R, et al. Adjuvant therapy in pancreatic cancer. Int J Dig Dis. 2015;1.
67. <http://www.mayoclinic.org/diseases-conditions/stomach-cancer/symptoms-causes/dxc-20202328>
68. <http://www.cancer.org/cancer/stomachcancer/detailedguide/stomach-cancer-what-causes>
69. Thomas D, Deedat S, J Raker, et al. The Wandsworth oesophago-gastric cancer symptom awareness pilot project. J Gastrointest Dig Syst. 2015;1.
70. Patil R, Khoosal S, Cassidy L, et al. Characteristics and risk stratification of colon polyps among asymptomatic hispanic patients undergoing first time screening colonoscopy: A retrospective study. J Gastrointest Dig Syst. 2013;3:153.
71. Mantegazza C, Zuccotti CV, Dilillo D, et al. Celiac disease in children: A review. Int J Dig Dis. 2015;1.
72. Elgamrani Y, Errami AA, Krati K. A rare association: Celiac disease and ulcerative colitis. J Med Diagn Meth. 2016;5:223.
73. Velmishi V, Kojia A, Kuneshka N, et al. Celiac disease associated by a rare complication: Case report. J Gastrointest Dig Syst. 2016;6:411.
74. Simmelink AL, Dong R, Nayi V, et al. Perioperative risk assessment and management of cirrhotic patients. J Hepatol Gastroint Dis. 2015;1:101.
75. Nenna R, Petrarca L, Mastrogiorgio G, et al. Coeliac disease-related antibodies appearance in a IgA deficiency celiac girl after starting the gluten-free Diet. J Gastrointest Dig Syst. 2015;5:362.
76. Talukder JR, Wright J, Jaima A, et al. Leukotriene D4 requires PKC α - Akt signaling pathway to inhibit Na⁺-dependent alanine cotransporter (ASCT1) in enterocytes. J Gastrointest Dig Syst. 2015;5:364.
77. Gowda M, Ambardar S, Dighe N, et al. Comparative analyses of low, medium and high- resolution HLA typing technologies for human populations. J Clin Cell Immunol. 2016;7:399.
78. Serra C, Righi S, Molo CD, et al. Current role of contrast-enhanced ultrasound in the diagnosis of hepatocellular carcinoma. J Hepatol Gastroint Dis. 2015;1:102.
79. Holmes S, Kim M, Prather C, et al. Outpatient vs. inpatient gastric emptying studies: Does admission status influence findings?. J Hepatol Gastroint Dis. 2015;1:103.
80. Cekodhima G, Cekodhima A, Roshi E, et al. A study of gastric polyps in Albania. J Hepatol Gastroint Dis. 2015;1:104.
81. Sakuraba S, Orita H, Ito T, et al. A case of rectal mucosa-associated lymphoid tissue (MALT) lymphoma treated twice with antibiotic therapy for *Helicobacter pylori*. J Gastrointest Cancer Stromal Tumor. 2016;1:104.

82. Hamawandi AMH, Baram A, Karboli TA, et al. Button battery ingestion in children: Experience in Kurdistan center for gastroenterology and hepatology. *Pediat Therapeut*. 2015;5:258.
83. Laszlo M and Pascu O. Full clinical and endoscopic remission following fecal microbiota transplant with moderate-severe treatment-resistant ulcerative colitis. *J Gastroint Dig Syst*. 2014;2:183.
84. Storchilo OV. Effect of total extract of milk thistle fruits on the absorption of glycine in the rats small intestine under physiological conditions. *J Hepatol Gastroint Dis*. 2015;1:105.
85. Love BL, Johnson J, Hardin JW, et al. Adherence to 5-aminosalicylic acid treatment in ulcerative colitis. *J Hepatol Gastroint Dis*. 2015;1:107.
86. Honjo M, Itoi T, Sofuni A, et al. Impact of fully covered metal stent placement in refractory postoperative hilar and anastomotic strictures. *Adv Tech Biol Med*. 2016;4:169.
87. Seleem MI, Hassany M, Shafey HEE, et al. Role of laparoscopy in changing the management of hepatocellular carcinoma. *J Gastroint Dig Syst*. 2013;3:147.
88. Gashi Z, Ivkovski L, Shabani R, et al. The histopathological correlation with clinical and endoscopic evidence in patients with Barrett' S Esophagus. *J Gastroint Dig Syst*. 2011;S3:001.
89. Jamil AKS. Pancreas and beta islet cell transplantation - evidence base and outcomes. *J Diabetes Metab*. 2016;7:680.
90. Archid R, Kratt T, Schneider CC, et al. Therapeutic Management of Submucosal Gastric Tumors: A Series of Six Cases with ectopic pancreas in the stomach and description of a novel endoscopic full-thickness resection technique of the gastric wall. *J Gastrointest Dig Syst*. 216;6:433.
91. Ahmad A, Befekadu R, Askari S, et al. Decreased expression of claudin 1, 3, 4, 5 and 7: A new prognostic marker in colon carcinoma. *J Gastrointest Canc Stromal Tumor*. 2016;1:105.
92. Youssefi N, Chobanian M. Bordetella bronchiseptica in a Kidney pancreas transplant recipient after dog vaccination. *J Kidney*. 2016;2:120.
93. Onuigbo W. A brief history of the spread of melanoma to the pancreas. *Pancreat Disord Ther*. 2016;6:170.
94. David Y, Kabrawala A, Bhanvadia A, et al. Clinical characteristics, and survival of esophageal cancer in an immigrant Afro-Caribbean population at an urban safety net hospital. 8th International Conference on Clinical Gastroenterology and Hepatology, Canada, 2016.
95. Indrakrishnan I. Update on proton Pump Inhibitors. 8th International Conference on Clinical Gastroenterology and Hepatology, Canada, 2016.
96. Cai Q. Gastric Peroral Endoscopic Pyloromyotomy (G-POEM): A new technique for better identification of pyloric ring (with video). 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
97. DelCampo R. Esophageal potpourri: Disorders, diseases, infections, treatment. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
98. Kodali S. Refractory ascites due to hepatic sarcoidosis. 7th Global Congress on Gastroenterology and Endoscopy, USA, 2016.
99. Mansfield SA, Melvin WJ, Carlyle B, et al. Systemic inflammatory response and fat necrosis of perineal soft tissues: A rare complication of bladder-drained transplanted pancreas leak. *Pancreat Disord Ther*. 2016;6:169.
100. Lopez MA, Sand M, Alessio MD. Solid pseudo-papillary neoplasm of the pancreas: A rare cause of acute pancreatitis. *Surgery Curr Res*. 2015;5:244.
101. Schneider R, Fürst A. Open or laparoscopic total mesorectal excision for rectal cancer what is the optimal approach? *J Gastrointest Dig Syst*. 2011;1:e101.

102. Pruneddu S, Piras D, Wijesuriya N, et al. Unusual skin metastasis due to adenocarcinoma of the stomach: A case report. *J Clin Exp Dermatol Res.* 2011;S3:001.
103. Beaver ME, Raza F. Prevalence of exclusive nocturnal/supine pharyngeal reflux in patients with chronic laryngotracheitis. 4th International Conference on Gastroenterology, USA, 2015.
104. Ahmed S, Ferdous F, Das J, et al. Shigellosis among breastfed children: A facility based observational study in rural Bangladesh. *J Gastrointest Dig Syst.* 2015;5:327.
105. Cross RK. Application of telemedicine for patients with inflammatory bowel disease: Review of the literature and future implications. *J Gastrointest Dig Syst.* 2011;1:e102.
106. Garancini M, Maternini M, Romano F. Are there risk factors for splenic rupture during colonoscopy? Case report and literature review. *J Gastrointest Dig Syst.* 2011;S2:001.
107. de Quadros LG, Cavaretti V, Kaiser Junior RL, et al. Feasibility of a fine needle aspiration and cytology for cystic lesions of the pancreas during echo-endoscopy. *J Gastrointest Dig Syst.* 2015;5:318.
108. Minaga K, Yamashita Y, Uenoyama Y. Lipoma of the pancreas diagnosed by EUS-FNA. *J Gastrointest Dig Syst.* 2015;5:i105.
109. Barbosa DEC, de Souza VR, dos Santos LAS, et al. Changes in taste and food intake during the Menstrual cycle. *J Nutr Food Sci.* 2015;5:383.
110. Choi SE. Comparisons of 6-N-Propylthiouracil (PROP) sensitivity, food liking and food intake between vegetarian and non-vegetarian women. *J Obes Weight Loss Ther.* 2015;5:255.
111. Hirako S, Takenoya F, Kageyama H, et al. Galanin-like peptide ameliorates obesity by control of food intake and energy metabolism. *Pharm Anal Acta.* 2014;5:297.
112. Schulz S, Gundelach J, Hayn L, et al. Acute Co-administration of the cannabinoid receptor agonist WIN 55-212,2 does not influence 3,4-Methylenedioxymetamphetamine (MDMA)-induced effects on effort-based decision making, locomotion, food intake and body temperature. *Biochem Pharmacol.* 2014;3:127.
113. Filla C, Hays NP, Gonzales D, et al. Self-reported changes in weight, food intake, and physical activity from high school to college. *J Nutr Disorders Ther.* 2013;3:129.
114. Lima-Oliveira G, Salvagno GL, Picheth G, et al. Eating, eating, eating. What time was your last food intake? *J Med Diagn Meth.* 2013;2:e107.
115. Caplin M. Diet and cancer: Can superfoods or dietary supplements help? 5th European Nutrition and Dietetics Conference. Rome, Italy, 2016.
116. Vila JJ, Fusaroli P, Kutz M. What is best for endosonography guided fine needle aspiration (EUS-FNA) samples in solid and cystic lesions: Cytology, histology or both? *J Gastrointest Dig Syst.* 2012;2:e104.
117. Wagner J. Bacterial dysbiosis associated with Crohn's Disease: Advances in gut metagenomic analysis. *J Gastrointest Dig Syst.* 2012;2:e105.
118. Kuramitsu Y. Is HSP27 a key molecule or a biomarker of cancers? *J Gastrointest Dig Syst.* 2012;2:e106.
119. Pintauro SJ, Regimbald S, Burczy SA, et al. Evaluation of a nutrition and health educational online computer program for older adults. *J Nutr Food Sci.* 2011;1:117.
120. Common LAR, Corrigan CJ, Smith H, et al. How safe is your curry? Food allergy awareness of restaurant staff. *J Allergy Ther.* 2013;4: 140.
121. Lier HØ, Biringer E, Bjørkvik J, et al. Shame, psychiatric disorders and health promoting life style after bariatric surgery. *J Obes Weight Loss Ther.* 2012;2:113.

122. Geraci A. Osteoporosis and celiac disease: Is it useful to a new guideline? *J Gastrointest Dig Syst.* 2011;1:e103.
123. Ebert EC. Gastrointestinal manifestations of Churg-Strauss Syndrome. *J Gastrointest Dig Syst.* 2011;1:101.
124. Dalia EK. Beyond energy expenditure: Exercise and food intake regulation. *Single Cell Biol.* 2012;1:e114.
125. Banamali D. Concept of dietetics and its importance in ayurveda. *J Homeop Ayurv Med.* 2014;3:149.
126. Valeska AC, Carina AV, Paula P, et al. Stress during Lactation affects fatty acid amide hydrolase protein expression in adipose tissue and liver of adult mice. *Endocrinol Metab Synd.* 2015;4:158.
127. Dallas DC, Underwood MA, Zivkovic AM. Digestion of protein in premature and term infants. *J Nutr Disorders Ther.* 2012;2:112.
128. Chowdhury ATMM, Feng DJ, Min L, et al. Deep gastric ulcer with formation of fistula along the stomach wall. *J Hepatol Gastroint Dis.* 2012;1:i102.
129. Makhoul E, Zaarour A. An exceptional foreign body in the stomach. *J Gastrointest Dig Syst.* 2012;5:302.
130. Yamabe A, Irisawa A, Shibukawa G, et al. Endosonographic diagnosis of chronic pancreatitis. *J Gastroint Dig Syst.* 2013;S2:005.