

Curriculum Vitae

Name: 鄭吉良/Chi-Liang Cheng, MD

Education:

1987- 1994 Chung Shan Medical University, Taichung, Taiwan, M.D.

Postgraduate Education:

1993-1994 Internship in Chang Gung Memorial Hospital, Taipei, Taiwan

1996-1999 Residency in Internal Medicine, Chang Gung Memorial Hospital,
Taipei, Taiwan

1999-2001 Clinical Fellowship in Gastroenterology/Hepatology, Chang Gung
Memorial Hospital, Taipei, Taiwan

2003-2004 ERCP research Fellowship in Gastroenterology, Indiana University
Medical Center, Indianapolis, Indiana, United States of America

Academic Appointment:

2001-2011 Attending physician, Department of Gastroenterology/Hepatology,
Chang Gung Memorial Hospital, Taipei, Taiwan

2005-2006 Lecturer, Chang Gung Memorial Hospital, Taipei, Taiwan

2006-2011 Assistant Professor, Chang Gung Memorial Hospital, Taipei, Taiwan

2007-2011 Assistant Professor, Department of Medicine, Chang Gung University,
Taoyuan, Taiwan

Employment Record:

1996-1999 Residency in Internal Medicine, Chang Gung Memorial Hospital,
Taipei, Taiwan

1999-2001 Clinical Fellowship in Gastroenterology/Hepatology, Chang Gung
Memorial Hospital, Taipei, Taiwan

2001-2011 Attending physician, Division of Digestive Therapeutic Endoscopy,
Department of Gastroenterology/Hepatology, Chang Gung Memorial
Hospital, Taipei, Taiwan

2011-Present Chief, Division of Gastroenterology and Hepatology, Evergreen General Hospital, Taoyuan City, Taiwan.

Board Certification:

1995	Taiwanese Board of Medicine
2000	Taiwanese Board of Internal Medicine
2002	Taiwanese Board of Gastroenterology
2003	Taiwanese Board of Digestive Endoscopy
2006	Taiwanese Board of Ultrasonography in Gastroenterology
2013	Educational Commission for Foreign Medical Graduate (ECFMG) Certificate (USA)

Professional Affiliations:

2000	Member, Taiwan Society of Internal Medicine
2001	Member, Gastroenterological Society of Taiwan
2001	Member, American Gastroenterological Association (AGA)
2002	Member, American Society of Gastrointestinal Endoscopy (ASGE)
2002	Member, Digestive Endoscopy Society of Taiwan
2003	Member, Society of Ultrasound in Medicine of the Republic of China

Research Interests:

1. Performance improvement in colonoscopy
2. Pancreatobiliary diseases, diagnostic and therapeutic
3. Acid related gastrointestinal disorders

Research Projects in Taiwan:

2001-2002	Overlooked lesions in emergency endoscopy for acute nonvariceal upper gastrointestinal bleeding
2002-2003	Endoscopic management of Dieulafoy lesions in acute non-variceal upper gastrointestinal bleeding
2004-2005	Nasogastric feeding tube placement in patients with esophageal cancer: application of ultrathin transnasal endoscopy
2005-2006	Etiology and outcome assessments of bleeding peptic ulcers

2006-2007	Accuracy of endoscopic diagnosis for <i>Helicobacter pylori</i> in patients with bleeding peptic ulcers
2007-2008	Frequency and risk factors of Barrett's esophagus in Taiwanese patients
2008-2009	Risk factors of rebleeding and mortality after peptic ulcer bleeding
2008-2010	Use of double balloon endoscopy in Billroth II patients in whom standard endoscopic retrograde cholangiopancreatography failed to reach the duodenal papilla
2004-2010	Difficult common bile duct stone removal in patients with non-tapering poorly expansible distal ductal anatomy
2009-2010	Direct peroral cholangiography using an ultraslim endoscope and overtube balloon-assisted technique
2010-2011	Risks and outcomes associated with gastrointestinal bleeding after acute myocardial infarction
2011-2012	Comparison of endoscopic detection of esophageal heterotopic gastric metaplasia with standard and narrow band imagings
2012-2014	Impact of colon preparation with 2-liter and 3-liter polyethylene glycol solutions on colonoscopic quality among average-risk patients
2014-2015	Residual gastric volume after 3-liter bowel preparation with polyethylene glycol for outpatient colonoscopy
2014-2015	Procedure sequence in same-day bidirectional endoscopy using paired comparison study
2015-2017	Renal safety of polyethylene glycol on elective colonoscopy
2016-2017	Optimal procedure sequence in same-day bidirectional endoscopy with moderate sedation and CO ₂ insufflation
2017-2018	Impact of inspection with polypectomy during instrument insertion on colonoscopy quality
2018-2018	Comparing adenoma miss rate of water exchange vs. CO ₂ insufflation using same-day back-to-back colonoscopy approach (retrospective study)
2019-2019	Impact of water exchange on reduction of right colon adenoma and hyperplastic miss rate compared with CO ₂ insufflation colonoscopy (single center prospective randomized controlled study)

2019-2021	Impact of water exchange on reduction of right colon adenoma and hyperplastic miss rate compared with CO2 insufflation colonoscopy (multicenter prospective randomized controlled study)
2020-2021	Risk of metachronous advanced colorectal neoplasia after removal of diminutive versus small adenomas (multicenter observational study)
2021-2023	Do the cap and Endocuff Vision increase the finding of adenomas when water exchange colonoscopy is used? (single-center randomized controlled study)
2021-2022	Comparing the left colon mucus production using water vs. mixture of water and saline infusion during colonoscope insertion when water exchange is used (multicenter randomized controlled trial)
2021-2024	Are adenoma detection rates irrespective of indication and screening indication interchangeable? (prospective multicenter study)
2022-2023	Does computer aided detection (CADE) increase adenoma detection with water exchange colonoscopy? (single-center pragmatic study)
2023-2026	Evaluation of artificial intelligence for adenoma detection in water exchange colonoscopy (international multi-center prospective randomized controlled study)

Bibliography

1. Research Papers:

1. **Cheng CL**, Cheng PC*, Chen TC. Pseudomelanosis duodeni: case report. Chang Gung Med J 2000; 23: 372-376.
2. **Cheng CL**, Lin DY*, Huang SF, Hung CF, Leu HS. Acquired immunodeficiency syndrome and cytomegalovirus gastritis in a patient with decompensated liver cirrhosis and hepatocellular carcinoma: report of a case. Gastroenterol J Taiwan 2000; 17: 154-161.
3. **Cheng CL**, Lee CS*, Liu NJ, Chen PC, Chiu CT, Wu CS. Overlooked lesions in emergency endoscopy for acute non-variceal upper gastrointestinal bleeding. Endoscopy 2002; 34: 527-530. (SCI)

4. **Cheng CL**, Liu NJ*, Lee CS, Chen PC, Ho YP, Tang JH, Yang C, Sung KF, Lin CH, Chiu CT. Endoscopic management of Dieulafoy lesions in acute non-variceal upper gastrointestinal bleeding. *Dig Dis Sci* 2004; 49: 1139-1144. (SCI)

5. **Cheng CL**, Sherman S, Fogel EL, McHenry L, Watkins JL, Fukushima T, Lazzell-Pannell L, Lehman GA*. Endoscopic snare papillectomy for tumors of duodenal papillae. *Gastrointest Endosc* 2004; 60: 757-764. (SCI)

6. **Cheng CL**, Fogel EL, Sherman S*, McHenry L, Watkins JL, Croffie J, Gupta S, Fitzgerald J, Lazzell-Pannell L, Schmidt S, Lehman GA. Diagnostic and therapeutic endoscopic retrograde cholangiopancreatography in children: a large series report. *J Pediatr Gastroenterol Nutr* 2005; 41: 445-453. (SCI)

7. **Cheng CL**, Sherman S*, Watkins JL, Barnett J, Freeman M, Geenen J, Ryan M, Parker H, Frakes JT, Fogel EL, Silverman WB, Dua KS, Aliperti G, Yakshe P, Uzer M, Jones W, Goff J, Lazzell-Pannell L, Temkit M, Lehman GA. Risk factors for post-ERCP pancreatitis: a prospective multicenter study. *Am J Gastroenterol* 2006; 101: 139-147. (SCI)

8. Lin CH, Liu NJ*, Lee CS, Tang JH, Wei KL, Yang C, Sung KF, **Cheng CL**, Chiu CT, Chen PC. Nasogastric feeding tube placement in patients with esophageal cancer: application of ultrathin transnasal endoscopy. *Gastrointest Endosc* 2006; 64: 104-107. (SCI)

9. **Cheng CL**, Liu NJ, Hung CF, Yu MC, Tang JH*. Common bile duct web associated with difficult common bile duct stone: report of a case. *Gastroenterol J Taiwan* 2008; 25: 199-203.

10. Liu NJ, Lee CS, Tang JH, Cheng HT, Chu YY, Sung KF, Lin CH, Tsou YK, Lien JM, Chen PC, Chiu CT, **Cheng CL***. Outcomes of bleeding peptic ulcers: a prospective single-center study. *J Gastroenterol Hepatol* 2008; 23: e340-e347. (SCI)

11. Cheng HT, **Cheng CL**, Lin CH, Tang JH, Chu YY, Liu NJ*, Chen PC. Caustic ingestion

in adults: the role of endoscopic classification in predicting outcomes. BMC Gastroenterol 2008; 8: 31. (SCI)

12. Aisen AM*, Sherman S, Jennings SG, Fogel EL, Li T, **Cheng CL**, Devereaux BM, McHenry L, Watkins JL, Lehman GA. Comparison of secretin-stimulated magnetic resonance pancreatography and manometry results in patients with suspected sphincter of Oddi dysfunction. Acad Radiol 2008; 15: 601-609. (SCI)
13. Tang JH, Liu NJ, Cheng HT, Lee CS, Chu YY, Sung KF, Lin CH, Tsou YK, Lien JM, Chen PC, Chiu CT, **Cheng CL***. Endoscopic diagnosis of Helicobacter pylori infection by rapid urease test in bleeding peptic ulcers: a prospective case control study. J Clin Gastroenterol 2009; 43: 133-139. (SCI)
14. Sherman S*, **Cheng CL**, Costamagna G, Binmoeller KF, Puespoek A, Aithal GP, Kozarek RA, Chen YK, Van Steenberg W, Tenner S, Freeman M, Monroe P, Geffner M, Deviere J. The interleukin-10 ERCP study group. Efficacy of recombinant human interleukin-10 in prevention of post-endoscopic retrograde cholangiopancreatography pancreatitis in subjects with increased risk. Pancreas 2009; 38: 267-274. (SCI)
15. Tsou YK, Lin CH, Liu NJ*, Tang JH, Sung KF, **Cheng CL**, Lee CS. Treating delayed sphincterotomy-induced bleeding: epinephrine injection with or without thermotherapy. World J Gastroenterol 2009; 15: 4823-4828. (SCI)
16. Kuo CJ, Lin CH, Liu NJ, Wu RC, Tang JH, **Cheng CL***. Frequency and risk factors of Barrett's esophagus in Taiwanese patients: a prospective study in a tertiary referral center. Dig Dis Sci 2010; 55: 1337-1343. (SCI)
17. Tsou YK, Lin CH*, Tang JH, Liu NJ, **Cheng CL**. Direct peroral cholangioscopy using an ultraslim endoscope and overtube balloon-assisted technique: a case series. Endoscopy 2010; 42: 681-683. (SCI)
18. **Cheng CL***, Lin CH, Kuo CJ, Tang JH, Liu NJ. Predictors of rebleeding and

mortality in patients with high-risk bleeding peptic ulcers. Dig Dis Sci 2010; 55: 2577-2583. (SCI)

19. Lin CH, Tang JH, Pan KT, **Cheng CL**, Liu NJ*. Use of double balloon enteroscopy for difficult colonoscopy. Gastroenterol J Taiwan 2010; 27: 205-209.
20. Lin CH, Tang JH, **Cheng CL**, Tsou YK, Cheng HT, Lee MH, Sung KF, Lee CS, Liu NJ*. Double balloon endoscopy increases the endoscopic retrograde cholangiopancreatography success rate in Billroth II patients. World J Gastroenterol 2010; 16: 4594-4598. (SCI)
21. Cheng HT, Tsou YK, Lin CH, **Cheng CL**, Tang JH, Lee CS, Sung KF, Lee MH, Len JM, Chu YY, Tsai MH, Liu NJ*. Endoscopic metal stents for the palliation of malignant upper gastroduodenal obstruction. Hepatogastroenterology 2011;58: 1998-2002. (SCI)
22. **Cheng CL**, Tsou YK, Tang JH, Lin CH, Tang JH, Hung CF, Sung KF, Lee CS, Liu NJ*. Characteristics of a poorly expandable common bile duct with stones on endoscopic retrograde cholangiography. World J Gastroenterol 2012; 18: 2396-2401. (SCI)
23. Cheng HT, Lee CS, Lin CH, **Cheng CL**, Tang JH, Tsou YK, Chang JM, Lee MH, Sung KF, Liu NJ*. Treatment of malignant gastric outlet obstruction with metallic stents: assessment of whether gastrointestinal position alters efficacy. J Invest Med 2012; 60: 1027-1032. (SCI)
24. **Cheng CL***, Lin CH, Liu NJ. Cat's eye stone (electronic image of the month). Clin Gastroenterol Hepatol 2013; 1: e19. (SCI)
25. Lee MS, **Cheng CL**, Liu NJ, Tsou YK*, Tang JH, Lin CH, Sung KF, Lee CS. Comparison of Rockall and Blatchford scores to assess outcome of patients with bleeding peptic ulcers after endoscopic therapy. Hepatogastroenterology 2013; 60: 1990-1997. (SCI)

26. **Cheng CL***, Liu NJ, Lin CH, Tang JH, Kuo YL, Tsui YN. Endoscopic diagnosis of cervical esophageal heterotopic gastric mucosa with conventional and narrow-band images: a prospective comparative study. *World J Gastroenterol* 2014; 20: 242-249. (SCI)
27. **Cheng CL***, Liu NJ, Yu MC. Intraluminal tubular duodenal duplication with bleeding (electronic image of the month). *Clin Gastroenterol Hepatol* 2014; 12: e10-e11. (SCI)
28. **Cheng CL**, Liu NJ, Tang JH, Yu MC, Tsui YN, Hsu FY, Lee CS, Lin CH*. Double-balloon enteroscopy for ERCP in Billroth II anatomy: a large series with results of papillary large balloon dilation for biliary stone removal. *Endosc Int Open* 2015; 3: E216-E222. (SCI)
29. **Cheng CL***, Kuo YL, Liu NJ, Lin CH, Tang JH, Tsui YN, Lee BP, Su MY, Chiu CT. Impact of bowel preparation with low-volume (2-liter) and intermediate-volume (3-liter) polyethylene glycol on colonoscopic quality: a prospective observational study. *Digestion* 2015; 92: 156-164. (SCI)
30. Tang JH, **Cheng CL***, Kuo YL, Tsui YN. Paired comparison of procedural sequence in same-day bidirectional endoscopy with moderate sedation and carbon dioxide insufflation: a prospective observational study. *Saudi J Gastroenterol* 2016; 22: 360-365. (SCI)
31. **Cheng CL***, Liu NJ, Tang JH, Kuo YL, Hung HL, Tsui YN, Lee BP, Lin CH. Predictors of suboptimal bowel preparation using 3-liters of polyethylene glycol for an outpatient colonoscopy: a prospective observational study. *Dig Dis Sci* 2017; 62: 345-351. (SCI)
32. **Cheng CL***, Liu NJ, Tang JH, Kuo YL, Lin CH, Tsui YN, Lee BP, Dai YC, Su MY, Chiu CT. Residual gastric volume after bowel preparation with polyethylene glycol for elective colonoscopy: a prospective observational study. *J Clin Gastroenterol*

2017; 51: 331-338. (SCI)

33. Chen SW, **Cheng CL***, Liu NJ, Tang JH, Kuo YL, Lin CH, Tsui YN, Lee BP, Hung HL. Optimal procedural sequence for same-day bidirectional endoscopy with moderate sedation: a prospective randomized study. J Gastroenterol Hepatol 2018; 33: 689-695. (SCI)
34. **Cheng CL***, Kuo YL, Liu NJ, Tang JH, Fan JW, Lin CH, Tsui YN, Lee BP, Hung HL. Comparison of polyp detection during both insertion and withdrawal versus only withdrawal of colonoscopy: a prospective randomized trial. J Gastroenterol Hepatol 2019; 34: 1377-1383. (SCI)
35. **Cheng CL***, Kuo YL, Hsieh YH, Tang JH, Leung FW. Water exchange colonoscopy decreased adenoma miss rates compared with literature data and local data with CO2 insufflation: an observational study. BMC Gastroenterol 2019; 19: 143. (SCI)
36. **Cheng CL***, Liu NJ, Tang JH, Kuo YL, Lin CH, Lien JM, Tsui YN, Lee BP, Hung HL. Renal safety of bowel preparation with polyethylene glycol for outpatient colonoscopy: an observational prospective study. J Clin Gastroenterol 2019; 53: e444-e450. (SCI)
37. **Cheng CL***, Kuo YL, Hsieh YH, Tang JH, Leung FW. Comparison of right colon adenoma miss rates between water exchange and carbon dioxide insufflation: a prospective randomized controlled trial. J Clin Gastroenterol 2021; 55: 869-875. (SCI)
38. **鄭吉良*** 林慧婷 崔怡寧 鍾雅雯 李百萍 郭彥麟. 大腸鏡檢查品質指標與最新進展. 臺灣醫界雜誌 2022; 65: 384-394.
39. Leung FW, Cadoni S, Koo M, Yen AW, de Groen PC, Siau K, Hsieh YH, Ishaq S, **Cheng CL**, Ramirez FC, Bak AW, Karnes W, Bayupurnama P, Leung JW. A survey of colonoscopists with and without in-depth knowledge of water-aided

colonoscopy. J Gastroenterol Hepatol 2022; 37: 1785-1791. (SCI)

40. **Cheng CL***, Chen SW, Su IC, Wu CH, Kuo YK, Chien TH, Liu YY, Huang KC, Xie CH, Lee MH, Tang JH, Tsui YN, Lee BP, Liu NJ. Risk of metachronous advanced colorectal neoplasia after removal of diminutive versus small nonadvanced adenomas: a multicenter study. Dig Dis Sci 2023; 68: 259-267. (SCI)
41. **Cheng CL***, Kuo YL, Liu NJ, Lien JM, Su IC, Tang CP, Hsieh YH, Leung FW. Randomized trial comparing left colon mucus production using water versus saline during water exchange colonoscopy. Clin Transl Gastroenterol 2023; 14 (7): e00594. (SCI)

2. Research Abstracts:

1. **Cheng CL**, Lee CS, Liu NJ, Chen PC, Chiu CT, Wu CS. Diagnostic failure in emergency endoscopy for acute non-variceal upper GI bleeding. Gastrointest Endosc 2002; 55: AB182.
2. **Cheng CL**, Liu NJ, Lee CS, Chen PC, Tung SY, Chiu CT, Ho YP, Tang JH, Yang C, Sung KF, Lin CH. Endoscopic management and outcomes of Dieulafoy lesions in acute non-variceal upper GI bleeding. Gastrointest Endosc 2003; 57: AB152.
3. Lin CH, Liu NJ, Lee CS, Tang JH, Wei KL, Yang C, Sung KF, **Cheng CL**, Chiu CT, Chen PC. Nasogastric feeding tube placement using an ultrathin transnasal endoscopy in patients with esophageal cancer – preliminary report of a one-year experience. Gastrointest Endosc 2003; 57: AB145.
4. **Cheng CL**, Fogel EL, Sherman S, McHenry L, Watkins JL, Fitzgerald J, Croffie J, Gupta S, Lehman GA. Use of ERCP in management of pediatric patients: indications, findings, therapies, and complications. Gastrointest Endosc 2004 ;59: AB141.
5. **Cheng CL**, Sherman S, Fogel EL, McHenry L, Watkins JL, Fukushima T, Lehman GA.

Use of endoscopic snare papillectomy in management of ampullary tumors: ten-year review of 55 cases at Indiana University Medical Center. *Gastrointest Endosc* 2004; 59: AB193.

6. McHenry L, Watkins JL, Kopecky K, Fogel EL, **Cheng CL**, Kochell AE, Shelly LA, Sherman S, Schmidt S, Howard TJ, Lazzell-Pannell L, Lehman GA. Extracorporeal shock-wave lithotripsy for pancreatic calculi: a 10-year experience at a single US center. *Gastrointest Endosc* 2004; 59: AB205.
7. **Cheng CL**, Liu NJ, Lee CS, Tang JH, Chen PC, Chiu CT. Endoscopic epinephrine injection and heater probe coagulation for acute nonvariceal upper gastrointestinal bleeding related to Mallory-Weiss syndrome. *Gastrointest Endosc* 2005; 61: AB129.
8. **Cheng CL**, Liu NJ, Cheng HT, Lee CS, Tang JH, Chiu YY, Lin CH, Tsou YK. Outcome of bleeding ulcer related to nonsteroidal anti-inflammatory drug use, *Helicobacter pylori* infection, and idiopathic cause: a preliminary report. *Gastrointest Endosc* 2006; 63 :AB111.
9. Sung KF, Liu NJ, Lee CS, Tang JH, Yang C, Lin CH, **Cheng CL**. Acute biliary pancreatitis in cholecystectomized patients. *Pancreas* 2006; 33: A500.
10. **Cheng CL**, Liu NJ, Tang JH, Cheng HT, Lee CS, Chiu YY, Sung KF, Lin CH, Tsou YK. Outcome of bleeding ulcer related to nonsteroidal anti-inflammatory drug use, *Helicobacter pylori* infection, and idiopathic cause: a prospective study. *Gastroenterology* 2007; 132: A496.
11. Cheng HT, Liu NJ, Tang JH, Lee CS, Lin CH, **Cheng CL**, Tsou YK. The endoscopic metal stents for the palliation treatment in different location of malignant upper gastroduodenal obstruction has the same role? *J Gastroenterol Hepatol* 2009; 24 (suppl 1): A102.
12. **Cheng CL**, Liu NJ, Tsui YN, Lin CH, Su MY, Chiu CT. Impact of bowel preparation

with low-volume (2L) and intermediate-volume (3L) polyethylene glycol on colonoscopic quality: a prospective observational study. *Gastroenterology* 2015; 148: S787.

13. **Cheng CL**, Kuo YL, Liu NJ, Tsui YN, Lee BP, Dai YC, Lin CH, Su MY, Chiu CT. Residual gastric volume after 3-L bowel preparation with polyethylene glycol for outpatient colonoscopy: a prospective observational study. *Gastrointest Endosc* 2015; 81: AB227.
14. **Cheng CL**, Liu NJ, Tang JH, Lin CH, Kuo YL, Tsui YN. Paired comparison of procedural sequence in same-day bidirectional endoscopy with moderate sedation and carbon dioxide insufflation: a prospective observational study. *Gastrointest Endosc* 2016; 83: AB548-549.
15. **Cheng CL**, Liu NJ, Tang JH, Kuo YL, Lin CH, Chen SW. Optimal procedural sequence in same-day bidirectional endoscopy with moderate sedation and carbon dioxide insufflation: a prospective randomized controlled study. *Gastrointest Endosc* 2017; 85: AB528.
16. **Cheng CL**, Kuo YL, Liu NJ, Tang JH, Lin CH. Renal safety of bowel preparation with polyethylene glycol for outpatient colonoscopy: an observational prospective study. *Gastroenterology* 2018; 154: S773.
17. **Cheng CL**, Kuo YL, Liu NJ, Tang JH, Lin CH. Adenoma detection during both the insertion and withdrawal versus only withdrawal of colonoscopy: a prospective randomized controlled trial. *Gastrointest Endosc* 2019; 89: AB130.
18. **Cheng CL**, Kuo YL, Tang JH, Hsieh YH, Leung FW. Insertion water exchange with near-complete (89%) removal of water decreased adenoma miss rates in the right and proximal colon: a prospective observational study using tandem colonoscopy approach. *Gastrointest Endosc* 2019; 89: AB377-378.
19. **Cheng CL**, Kuo YL, Hsieh YH, Tang JH, Leung FW. Comparing right colon adenoma

and hyperplastic polyp miss rates in colonoscopy using water exchange and carbon dioxide insufflation: a randomized controlled tandem study. *Gastrointest Endosc* 2020; 91: AB110-111.

20. **Cheng CL**, Kuo YL, Tang JH, Fang KC, Su IC, Hsieh YH, Tseng CW, Cheng WY, Leung FW. Interim analysis of a multicenter randomized controlled trial comparing the right colon adenoma and serrated polyp miss rates with colonoscopy using water exchange and carbon dioxide insufflation. *Gastrointest Endosc* 2021; 93: AB51.
21. Leung F, Cadoni S, Yen A, de Groen P, Siau K, Hsieh YH, Ishaq S, **Cheng CL**, Ramirez FC, Bak A, Karnes W, Bayupurnama P, Leung J. The evolving practice of water-aided colonoscopy (WAC) – an international survey of colonoscopists. *Am J Gastroenterol* 2021; 116: S274.
22. **Cheng CL**, Chen SW, Tang JH, Wu CH, Kuo YL, Tsui YN, Lee BP, Chien TH, Liu YY, Huang KC, Xie CH, Su IC, Lee MH, Liu NJ. Risk of metachronous advanced colorectal neoplasia after removal of diminutive versus small adenomas: a multicenter observational study. *Gastrointest Endosc* 2022; 95: AB168-169.
23. Leung FW, Cadoni S, Koo M, Yen AW, de Groen PC, Siau K, Hsieh YH, Ishaq S, **Cheng CL**, Ramirez FC, Bak AW, Karnes W, Bayupurnama P, Leung JW. An international survey of colonoscopists with and without in-depth knowledge of water-aided colonoscopy. *Gastrointest Endosc* 2022; 95: AB204-205.
24. **Cheng CL**, Kuo YL, Liu NJ, Lien JM, Tang CP, Hsieh YH, Leung FW. Comparing left colon mucus production by water versus saline infusion during water exchange colonoscopy: a prospective randomized controlled trial. *Am J Gastroenterol* 2022; 117(10S): e417.

3. Presented Papers:

1. Liu NJ, Lee CS, Tang JH, Wei KL, Yang C, Sung KF, **Cheng CL**, Chiu CT, Wu CS, Hung CF. Clinical experience of ERCP in diagnosis and treatment of biliary

complications following laparoscopic cholecystectomy. Annual meeting of the Gastroenterological Society of Taiwan, 2000 (Oral Presentation).

2. Sung KF, Liu NJ, Lee CS, Tang JH, Wei KL, Yang C, **Cheng CL**, Lin CH, Chiu CT, Hung CF. Cholangiographic patterns in common hepatic duct stricture. Annual meeting of the Gastroenterological Society of Taiwan, 2001 (Oral Presentation).
3. Liu NJ, Lee CS, Tang JH, Wei KL, Yang C, Sung KF, **Cheng CL**, Lin CH, Chiu CT, Sheen IS. Nasogastric feeding tube placement using an ultrathin transnasal endoscopy - preliminary report. Annual meeting of the Gastroenterological Society of Taiwan, 2002 (Oral Presentation).
4. **Cheng CL**, Lee CS, Liu NJ, Chen PC, Chiu CT, Wu CS. Diagnostic failure in emergency endoscopy for acute non-variceal upper gastrointestinal bleeding. American Society for Gastrointestinal Endoscopy, San Francisco, CA, May 2002 (DDW 2002, Poster Presentation).
5. **Cheng CL**, Liu NJ, Lee CS, Chen PC, Tung SY, Chiu CT, Ho YP, Tang JH, Yang C, Sung KF, Lin CH. Endoscopic management and outcomes of Dieulafoy lesions in acute non-variceal upper gastrointestinal bleeding. American Society for Gastrointestinal Endoscopy, Orlando, FL, May 2003 (DDW 2003, Poster Presentation).
6. Lin CH, Liu NJ, Lee CS, Tang JH, Wei KL, Yang C, Sung KF, **Cheng CL**, Chiu CT, Chen PC. Nasogastric feeding tube placement using an ultrathin transnasal endoscopy in patients with esophageal cancer – preliminary report of a one-year experience. American Society for Gastrointestinal Endoscopy, Orlando, FL, May 2003 (DDW 2003, Poster Presentation).
7. **Cheng CL**, Fogel EL, Sherman S, McHenry L, Watkins JL, Fitzgerald J, Croffie J, Gupta S, Lehman GA. Use of ERCP in management of pediatric patients: indications, findings, therapies, and complications. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 2004 (DDW 2004, Poster

Presentation).

8. **Cheng CL**, Sherman S, Fogel EL, McHenry L, Watkins JL, Fukushima T, Lehman GA. Use of endoscopic snare papillectomy in management of ampullary tumors: ten-year review of 55 cases at Indiana University Medical Center. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 2004 (DDW 2004, Poster Presentation).
9. McHenry L, Watkins JL, Kopecky K, Fogel EL, **Cheng CL**, Kochell AE, Shelly LA, Sherman S, Schmidt S, Howard TJ, Lazzell-Pannell L, Lehman GA. Extracorporeal shock-wave lithotripsy for pancreatic calculi: a 10-year experience at a single US center. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 2004 (DDW 2004, Poster Presentation).
10. Lin CH, Liu NJ, Lee CS, Tang JH, Yang C, **Cheng CL**. Cost analysis of endoscopic retrograde cholangiopancreatography in Taiwan. Annual meeting of the Gastroenterological Society of Taiwan and the Digestive Endoscopy Society of Taiwan, Taipei, March 2005 (Oral Presentation).
11. Liu NJ, Lee CS, Tang JH, Yang C, Lin CH, **Cheng CL**. Efficacy of endoscopic treatment of benign common bile duct and common hepatic duct strictures with increasing number of stents. Annual meeting of the Gastroenterological Society of Taiwan and the Digestive Endoscopy Society of Taiwan, Taipei, March 2005 (Oral Presentation).
12. Lee CS, Liu NJ, Tang JH, Yang C, Lin CH, **Cheng CL**. Endoscopic treatment of bile duct complications in patients s/p liver transplantation. Annual meeting of the Gastroenterological Society of Taiwan and the Digestive Endoscopy Society of Taiwan, Taipei, March 2005 (Poster Presentation).
13. **Cheng CL**, Liu NJ, Lee CS, Tang JH, Chen PC, Chiu CT. Endoscopic epinephrine injection and heater probe coagulation for acute nonvariceal upper gastrointestinal bleeding related to Mallory-Weiss syndrome. American Society

for Gastrointestinal Endoscopy, Chicago, IL, May 2005 (DDW 2005, Poster Presentation).

14. Sherman S, **Cheng CL**, Deviere JME, Costamagna G, Binmoeller KF, Puespoek A, Aithal GP, Kozarek RA, Chen YK, McHenry L, Lehman GA, Geffner M. The Interleukin-10 ERCP study group. Efficacy of recombinant human interleukin-10 in prevention of acute pancreatitis after ERCP in subjects with increased risk: randomized prospective multicenter study. American Society for Gastrointestinal Endoscopy, Chicago, IL, May 2005 (DDW 2005, Oral Presentation).
15. Cheng HT, **Cheng CL**, Liu NJ, Lee CS, Tang JH, Chiu YI. Outcome of bleeding ulcer related to nonsteroidal anti-inflammatory drug use, Helicobacter pylori infection and idiopathic cause. Annual meeting of the Gastroenterological Society of Taiwan and the Digestive Endoscopy Society of Taiwan, Tainan, March 2006 (Oral Presentation).
16. **Cheng CL**, Liu NJ, Cheng HT, Tang JH, Lee CS, Chu YY, Lin CH, Tsou YK. Outcome of bleeding ulcer related to nonsteroidal anti-inflammatory drug use, Helicobacter pylori infection and idiopathic cause: A preliminary report. American Society for Gastrointestinal Endoscopy, Los Angeles, CA, May 2006 (DDW 2006, Poster Presentation).
17. Sung KF, Liu NJ, Lee CS, Tang JH, Yang C, Lin CH, **Cheng CL**. Acute biliary pancreatitis in cholecystectomized patients. American Pancreatic Association, Chicago, IL, Nov 2006 (Poster presentation).
18. **Cheng CL**, Liu NJ, Lee CS, Tang JH, Cheng HT. Outcome of bleeding ulcer related to nonsteroidal anti-inflammatory drug use, Helicobacter pylori infection and idiopathic cause. Annual meeting of the Gastroenterological Society of Taiwan and the Digestive Endoscopy Society of Taiwan, Kaohsiung, March 2007 (Oral Presentation).
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outcomes in bleeding peptic ulcer: a prospective study. Annual meeting of the Gastroenterological Society of Taiwan and the Digestive Endoscopy Society of Taiwan, Kaohsiung, March 2007 (Poster Presentation).

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