

Curriculum Vitae

Name: 鄭吉良/Chi-Liang Cheng

Gender: Male

Birth date: July, 1967

Citizenship: Taiwan.

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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, Evergreen General Hospital,
Taoyuan, 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)

Research Interests:

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

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. Leung FW, Cadoni S, Koo M, Yen AW, de Groen PC, Siau K, Hsieh YH, Ishaq S, **Cheng CL**, Ramirez FC, Bak AW, Karens 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)
39. **Cheng CL***, Chen SW, Su IC, Wu CH, Kuo YL, 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)

40. **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)
41. **Cheng CL***, Tang JH, Hsieh YH, Kuo YL, Fang KC, Tseng CW, Zou KY, Lee YS, Leung FW. Comparing right colon adenoma and serrated polyp miss rate with water exchange and CO₂ insufflation: a randomized trial. Am J Gastroenterol 2024 Oct 30. doi: 10.14309/ajg.0000000000003168. Epub ahead of print. PMID: 39471473.
42. **Cheng CL***, Cadoni S, Gallittu P, Mura D, Utzeri E, Kuo YL, Su IC, Lee YS, Chen ZW, Cheng WY, Tsui YN, Lee BP, Hassan C, Leung FW. Efficacy of artificial intelligence on adenoma detection in water exchange colonoscopy: a two-center randomized controlled trial (WEAID trial) (under review in Endoscopy)
43. Leung FW*, Cadoni S, Chen L, Chen Y, **Cheng CL**, Cheung R, Dixit V, Elashoff D, Friedland S, Gallittu P, Hsieh, YH, Cheng CH, Jacob N, Jamgotchian N, Jia H, Kuo YL, Lee BP, Leung JW, Mura D, Pan, JY, Pan Y, Quan SY, Saha A, Shaikh A, Sul J, Tseng CW, Tsui YN, Wilhalme H, Wong R, Yen AW, Zhang L. A prospective randomized controlled trial of water exchange with distal attachment(s) versus water exchange colonoscopy: an international multicenter study. (will be submitted)

2. Review Article Published in The Local Taiwanese Journal

1. **鄭吉良*** 唐瑞祥 李青松 劉乃仁. 非靜脈屈張性上消化道出血的內視鏡診斷與治療 (Endoscopic diagnosis and treatment of non-variceal upper gastrointestinal bleeding). 當代醫學 2005; 32(8): 646-663.
2. **鄭吉良*** 楊峻 劉乃仁. Oddi括約肌功能異常 (Sphincter of Oddi dysfunction). 當代醫學 2005; 32(12): 1022-1039.
3. **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.

3. Chapters:

1. **Cheng CL**, Lehman GA, Sherman S. Pathology of sphincter of Oddi (Sphincter of Oddi dysfunction). In: Abreu L, Calleja JL, eds. *Gastroenterologi: Endoscopia Diagnostica y Terapeutica, 2nd edition*. Editorial Medica Panamericana 2007. ISBN-10:8479039639, ISBN-13: 9788479039639.
2. Lin CH, Tang JH, Pan KT, **Cheng, CL**, Liu, NJ, Chen, YY, Su, MY, Lin WP, Chiu CT, Fan GW, Chu YC, Yeh, YH, Chen, CH, Yueh, SK, Mo, LR, Tsou YK, Cheng HT, Lee MH, Sung KF, Lee CS, Yang CC, Wu CS. Enteroscopic Therapy Techniques. In: Chiu CT, Wang HP, Chen YY, eds. *Atlas of Small Intestinal Disorders: Integrated Case Presentation*. 2023;109-122. https://doi.org/10.1007/978-981-99-6682-0_7. Print ISBN 978-981-99-6681-3; Online ISBN 978-981-99-6682-0. Springer Nature, Singapore.

4. 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): 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 (6S): AB51-52.
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 (6S): 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 (6S): 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.
25. **Cheng CL**, Tang JH, Hsieh YH, Kuo YL, Fang KC, Tseng CW, Su IC, Chang CC, Zou KY, Lee YS, Leung FW. Water exchange colonoscopy decreased right colon serrated polyp miss rate: a multicenter prospective randomized tandem study. *Am J Gastroenterol* 2023; 118 (10S): S251.
26. **Cheng CL**, Kuo YL, Su IC, Cadoni S, Zou KY, Lee YS, Leung FW. Evaluation of a computer-aided detection device during water exchange colonoscopy: a pragmatic implementation performance improvement study. *Am J Gastroenterol* 2023; 118 (10S): S252.
27. Leung FW, Cadoni S, Chen L, Chen Y, **Cheng CL**, Cheung R, Dixit V, Elashoff D, Friedland S, Gallittu P, Hsieh YH, Cheng, CH, Jacob N, Jamgotchian N, Jia H, Kuo YL, Lee BP, Leung JW, Mura D, Pan JYJ, Pan Y, Quan SY, Saha A, Sheikh A, Sul J, Tseng CW, Tsui YN, Wilhalme H, Wong R, Yen AW, Zhang L. Addition of Daisy cap or Endocuff improves the adenoma detection rate during water exchange colonoscopy: an international multi-center randomized controlled trial. *Gastroenterology* 2024; 166 (5 Suppl): S184-S185.
28. **Cheng CL**, Cadoni S, Kuo YL, Su IC, Tsui YN, Lee BP, Zou KY, Lee YS, Leung FW. Performance of real-time computer-aided polyp detection using water exchange colonoscopy: a preliminary pilot study. *Gastrointest Endosc* 2024; 99(6S): AB17-18.
29. Cheng WY, Kuo YL, Su IC, Lee BP, Tsui YN, Lin HT, Lee YS, **Cheng CL**. Evaluating the performance of a computer-aided diagnosis system in implementing diagnose-and-leave and resect-and-discard strategies for diminutive colorectal polyps: a real-world pragmatic study. *Am J Gastroenterol* 2024; 119 (10S): S263-264.
30. **Cheng CL**, Cadoni S, Cheng WY, Gallittu P, Mura D, Utzeri E, Kuo YL, Su IC, Tsui YL, Lee BP, Chen ZW, Lee YS, Hassan C, Leung FW. Evaluation of artificial intelligence for adenoma detection in water exchange colonoscopy: interim analysis of the

WEAID randomized controlled trial. American Society for Gastrointestinal Endoscopy, San Diego, May 2025 (DDW 2025, Poster Presentation)

31. Leung FW, Cadoni S, Chen L, Chen Y, **Cheng CL**, Cheung R, Dixit V, Elashoff D, Friedland S, Gallittu P, Hsieh YH, Cheng, CH, Jacob N, Jamgotchian N, Jia H, Kuo YL, Lee BP, Leung JW, Mura D, Pan JYJ, Pan Y, Quan SY, Saha A, Sheikh A, Sul J, Tseng CW, Tsui YN, Wilhalme H, Wong R, Yen AW, Zhang L. A prospective international multi-site randomized controlled trial (RCT) of water exchange colonoscopy (WE) vs. WE plus distal cap(s) on entire colon and regional (right vs. left colon) adenoma detection rate (ADR) – final report. American Gastroenterological Association, San Diego, May 2025 (DDW 2025, Presentation).

5. Honors and Awards:

1. **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. American Society for Gastrointestinal Endoscopy, Chicago, IL, May 2020 (DDW 2020, Oral Presentation; Best of DDW-ASGE).
2. **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. (Best paper of July to December 2021)
3. **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. Annual scientific meeting of American College of Gastroenterology, Charolette NC, October 2022 (ACG 2022 Poster presentation [Presidential Poster]).
4. **Cheng CL**, Tang JH, Hsieh YH, Kuo YL, Fang KC, Tseng CW, Su IC, Chang CC, Zou KY, Lee YS, Leung FW. Water exchange colonoscopy decreased right colon serrated polyp miss rate: a multicenter prospective randomized tandem study. Annual scientific meeting of American College of Gastroenterology, Vancouver, Canada, October 2023 (ACG 2023 Poster presentation [Presidential Poster]).

6. Peer Review for Academic Journal:

1. Review for Endoscopy (Endoscopy 2004-003): Small advanced neuroendocrine carcinoma of rectum discovered in an adenomatous polyp. June 2004.
2. Review for American Journal of Gastroenterology (AJG-09-0476): A randomized controlled trial of valdecoxib and glyceryl trinitrate for the prevention of post-ERCP pancreatitis by Bhatia et al. May 2009.
3. Review for Surgical Laparoscopy, Endoscopy, & Percutaneous Techniques (SLEPT-D-0-00084): Utility of a simplified model to predict rebleeding in patients with high-risk stigmata ulcers by Telle-Avila et al. June 2010.
4. Review for World Journal of Gastroenterology (ESPS No: 11807): Effectiveness of fresh frozen plasma plus furosemide on prevention rebleeding after endoscopic variceal ligation by Lu et al. July 2014.
5. Review for Surgical Endoscopy (SEND-D-19-01416): Comparison of adenoma detection by colonoscopy between polypectomy performed during both insertion and withdrawal versus during withdrawal only: a multicenter randomized controlled trial by Ji IS et al. October 2019.
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