

Curriculum Vitae

Chi-Liang Cheng, MD

Current Role

Director, Division of Gastroenterology, Evergreen General Hospital, Taoyuan, Taiwan

Education:

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

Postgraduate Education:

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

1995	Taiwanese Board of Medicine
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2000 Taiwanese Board of Internal Medicine

2002 Taiwanese Board of Gastroenterology

2003 Taiwanese Board of Digestive Endoscopy

Clinical/Research Focus

Therapeutic endoscopy (ERCP, Colonoscopy, GI bleeding)

Research Papers:

1. **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. *Endoscopy* 2025 (DOI: 10.1055/a-2681-5544)

2. **Cheng CL***, Tang JH, Hsieh YH, Kuo YL, Fang KC, Tseng CW, Su IC, Chang CC, Tsui YN, Lee BP, 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* 2025; 120(7): 1615-1623.
3. **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.
4. **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.
5. 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.
6. **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.
7. **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.
8. **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.
9. **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.
10. 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.

11. **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.
12. **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.
13. 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.
14. **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.
15. **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.
16. **Cheng CL***, Liu NJ, Yu MC. Intraluminal tubular duodenal duplication with bleeding (electronic image of the month). *Clin Gastroenterol Hepatol* 2014; 12: e10-e11.
17. **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.
18. 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.
19. **Cheng CL***, Lin CH, Liu NJ. Cat's eye stone (electronic image of the month). *Clin*

Gastroenterol Hepatol 2013; 1: e19. (SCI)

20. 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.
21. **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.
22. 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.
23. 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.
24. **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.
25. 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.
26. 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.
27. 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.
28. Sherman S*, **Cheng CL**, Costamagna G, Binmoeller KF, Poespoek 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.

29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. **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.
35. **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.
36. **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.
37. **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.

38. **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.
39. **Cheng CL**, Cheng PC*, Chen TC. Pseudomelanosis duodeni: case report. *Chang Gung Med J* 2000; 23: 372-376.