

Curriculum Vitae

- (i) **Name:** Philip Wai Yan, CHIU
- (ii) **Academic qualifications:**
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|------------------|------|
| MBChB (CUHK) | 1994 |
| FRCS (Edin) | 1998 |
| FRCS (Edin)(Gen) | 2001 |
| FHKAM (Surgery) | 2001 |
| MD (CUHK) | 2009 |
- (iii) **Previous academic positions held:**
Associate Professor, Department of Surgery, CUHK 2005 – 2011
- (iv) **Present academic position:**
Professor, Department of Surgery, CUHK (since 2011)
Director, CUHK Jockey Club Minimally Invasive Surgical Skills Center (since 2011)
Director, CUHK Chow Yuk Ho Technology Center for Innovative Medicine (since 2014)
Assistant Dean (External Affairs), Faculty of Medicine, Chinese University of Hong Kong (since 2013)
- (v) **Research work:**
1. Pioneer in development of Endoscopic Surgery
 - First to perform Endoscopic Submucosal Dissection (ESD) for treatment of early GI cancers in Hong Kong, currently experienced more than 300 cases of ESD
 - First to perform Per Oral Endoscopic Myotomy (POEM) for treatment of Achalasia in Hong Kong
 - Pioneered performance of Per Oral Endoscopic Tunnel Resection (POET) for treatment of gastrointestinal submucosal tumors
 2. Research and Development in Robotic Surgery
 - Pioneer robotic esophagectomy for treatment of squamous esophageal cancer
 - Perform world first robotic ESD for treatment of early gastric cancer in a multicenter prospective study
 3. Translational research in biomedical engineering and application in surgery
 - Development of endoscopic robotics for treatment of early gastrointestinal cancers
- (vi) **Publication records:** (*as the corresponding author)
Until Dec 2017, published 229 peer reviewed articles (ISI Web of Science search) with H-index of 24 (ISI) and H-index 36 (Google scholar).
Section A - Five most representative publications in recent five years
1. Takeshita N, Ho KY, Phee SJ, Chiu PW. Feasibility of performing esophageal endoscopic submucosal dissection using master and slave transluminal endoscopic robot. *Endoscopy* 2017; Feb; 49(S01):E27-28
 2. *Chiu PW, Joeng HK, Choi CL, Tsoi KK, Kwong KH, Lam SH, Sung JJ. High dose omeprazole infusion compared with scheduled second look endoscopy for prevention of peptic ulcer rebleeding: a randomized controlled trial. *Endoscopy*. 2016 Aug;48(8):717-22.
 3. *Chiu PW, Chan FK, Lau JY. Endoscopic Suturing for Ulcer Exclusion in Patients With Massively Bleeding Large Gastric Ulcer. *Gastroenterology*. 2015 Jul;149(1):29-30
 4. *Chiu PW. Novel endoscopic therapeutics for early gastric cancer. *Clin Gastroenterol Hepatol*. 2014 Jan; 12(1):120-5

5. *Chiu PW, Wu JC, Teoh AY, Chan Y, Wong SK, Liu SY, Yung MY, Lam CC, Sung JJ, Chan FK, Lau JY, Ng EK. Per oral endoscopic myotomy for treatment of achalasia: from bench to bedside. *Gastrointest Endosc.* 2013 Jan;77(1):29-38.

Section B - Five representative publications beyond the recent five-year period

1. Phee SJ, Reddy N, Chiu PW, Rebala P, Rao GV, Wang Z, Sun Z, Wong JY, Ho KY. Robot-assisted endoscopic submucosal dissection is effective in treating patients with early-stage gastric neoplasia. *Clin Gastroenterol Hepatol.* 2012 Oct 10(10):1117-21
2. *Chiu PW, Teoh AY, To KF, Wong SK, Liu SY, Lam CC, Yung MY, Chan FK, Lau JY, Ng EK. Endoscopic submucosal dissection (ESD) compared with gastrectomy for treatment of early gastric neoplasia: a retrospective cohort study. *Surgical Endoscopy* 2012; Dec 26(12):3584-91.
3. *Chiu PW, Ng EK, Cheung FK, Chan FK, Leung WK, Wu JC, Wong VW, Yung MY, Tsoi K, Lau JY, Sung JJ, Chung SS. Predicting mortality in patients with bleeding peptic ulcers after therapeutic endoscopy. *Clin Gastroenterol Hepatol.* 2009 Mar;7(3):311-6;
4. *Chiu PW Chan KF, Lee YT, Sung JJ, Lau JY, Ng EK. Endoscopic submucosal dissection (ESD) for treatment of early neoplasia of the foregut using combination of knives. *Surgical Endoscopy* 2008; 22(3):777-783
5. *Chiu PW, Lam CY, Lee SW, Kwong KH, Lam SH, Lee DT, Kwok SP. The effect of scheduled second endoscopy on peptic ulcer rebleeding – a randomized controlled trial. *Gut* 2003; 10:1403-7

(vii) **Others (Awards, Research Achievement and Services):**

Achievements

1. State Scientific & Technological Progress Award, State Council of People's Republic of China (2007)
2. Research abstract awarded Best of Digestive Disease Week, United States (2011)
3. Higher Education Outstanding Scientific Research Output Award 2nd class award in Technological Advancement, Ministry of Education of the People's Republic of China (2012)
4. Champion of the World Cup of Endoscopy, American Society of Gastrointestinal Endoscopy (2012)
5. Outstanding contribution award, Chinese Society of Digestive Endoscopy (2015)
6. Global Chinese Outstanding Youth Award 2016
7. Emerging Leader, Asia Pacific Digestive Week 2016

Journal Editorship

1. Co-editor, *Endoscopy*
2. Subject Editor, *Surgical Endoscopy*