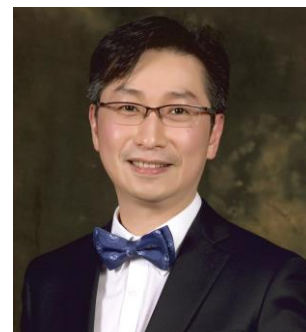


Curriculum Vitae

- (i) **Name:** Philip Wai Yan, CHIU
- (ii) **Academic qualifications:**
- | | |
|------------------|------|
| 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 250 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 the performance of 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 a novel ESD device for treatment of early gastrointestinal cancers
- (vi) **Publication records:** (*as the corresponding author)
Until June 2016, published 185 peer reviewed articles (ISI Web of Science search) with H-index of 22.



Section A - Five most representative publications in recent five years

1. *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
2. *Chiu PW. Novel endoscopic therapeutics for early gastric cancer. *Clin Gastroenterol Hepatol*. 2014 Jan; 12(1):120-5
3. *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.
4. 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.
5. *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.

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

1. *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;
2. *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
3. *Chiu PW, Hu B, Lau JY, Sun LC, Sung JJ, Chung SS. Transoral intragastric endoscopic plication of bleeding peptic ulcer: a survival study in a porcine model. *Gastroint Endosc* 2006; 63(4):681-5
4. Chiu PW, Chan AC, Leung SF, Leong HT, Kwong KH, Li MK, Au-Yeung AC, Chung SC, Ng EK. Multicenter prospective randomized trial comparing standard esophagectomy against definitive chemoradiotherapy for treatment of squamous esophageal cancer – early results from CURE. *Journal of Gastroint Surg* 2005; 9(6):794-802
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)

Patent

Development of a new device for performance of Endoscopic Submucosal Dissection

1. Japan: Japan Patent Office (JPO) patent application on 19th May 2009 (No. 2010-268845)
2. China: State Intellectual Property Office (SIPO) – Utility Model Application on 7th May 2013 (No. 201320240576.6)
3. Korea: Korean Intellectual Property Office (KIPO) – Korean Utility Model Application on 7th May 2013 (No. 20-2013-0003568)

Robotic system – Development of Robotic Endoscope with Suturing Ability

1. US Patent – provisional application filed (EFS ID: 20560299)
2. China: State Intellectual Property Office (SIPO) – provisional application filed