

Curriculum Vitae



Name: Thawatchai Akaraviputh
Date of Birth: 04/20/1969
Nationality: Thai
Language: English, German, Thai
Home Address: 458 Jarunsanitwong Rd., Bangyeekan, Bangpad, BK 10700, Thailand
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Degrees and Qualifications:

1992 – MD, Mahidol University, Bangkok, Thailand
1994 – Grad Dip in Clin Sci, Mahidol University, Bangkok, Thailand
1996 - Thai Board of Surgery, The Medical Council.
2003 – ‘**Doktors der Medizin**’, University Hospital Eppendorf, Hamburg, Germany

Membership:

1998 - The Royal College of Surgeons of Thailand (RCST)
1999 – International Gastro-Surgical Club (IGSC)
2002 – European Association for Endoscopic Surgery (EAES)
2002 – American Society for Gastrointestinal Endoscopy (ASGE)

Award & Scholarship:

1999-2002 Germany Academic Exchange Service (DAAD) Scholarship, **Germany**
2002 “Young’s Clinician Award” of World Congress of Gastroenterology 2002, Bangkok, Thailand
2008 “Young Investigator Award” of The 11th World Congress of Endoscopic Surgery, Yagohama, **Japan**
2009 “Traveler Grant” of the 109th Annual Congress of Japan Surgical Society, Fukuoka, **Japan**
2012 “Travel Grant” of the 20th International Congress of EAES, Brussel, **Belgium**

Experience:

1995-1999 Division of General Surgery, Surgical Department, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
2000-2002 Department of Surgical Endoscopy, University Hospital Eppendorf, Hamburg, **Germany**
2003-2007 Assistant Professor
2008-2012 Associate Professor, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University.
2013 Professor, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University.

Training:

1. EAES Course in Laparoscopic GI Surgery, 6th-10th December 2004, at Cuschieri Skill Centre, Ninewells hospital and medical school, Dundee, Scotland.
2. Da Vinci S Surgical system off-site training program, 25th September 2007, Singapore general hospital, Singapore.
3. Eulji hernia repair workshop, 9-10 October 2008, Eulji General Hospital, Seoul, Korea.
4. 9th AETF training course for Single Incision Laparoscopic Surgery & NOTES, 5-6 June 2009, at Covidien advanced training center, Japan.
5. Robotic observation program for gastrectomy: 19th-20th May 2010, Severance da Vinci training center, Yonsei university, Seoul, Korea.
6. TQA Criteria course. 31st January-2nd February 2011, Bangkok, Thailand.

Research Project (On going) :

1. Same day approach (ERCP+LC) for CBD stone.
2. Colonic stenting
3. Laparoscopic incisional/ventral hernia repair
4. Single incision laparoscopic colectomy
5. Femoral hernia repair
6. Robotic surgery in HPB patients

Oral Presentations:

1. **Akaraviputh T**, Watanapa P. “Duodeno-colic fistula; an abnormal presentation of patient with colon cancer” – Presented at the 21st Annual Scientific Meeting of the College of Surgeons of Thailand, Petchaburi, Thailand – July 26-29, 1996.
2. **Akaraviputh T**, Watanapa P. “Helicobacter Pylori Gastritis Mimicking Infiltrative Gastric Carcinoma: A Case Report” –Presented at the 22nd Annual Scientific Meeting of the College of Surgeons of Thailand, Pattaya, Thailand – July 18-21, 1997.
3. **Akaraviputh T**, Watanapa P. “Solitary Rectal Ulcer Syndrome: Two Cases Report” – Presented at the 23rd Annual Scientific Meeting of the College of Surgeons of Thailand, Pattaya, Thailand – July 9-11, 1998.
4. **Akaraviputh T**, Darin L, Wiroon B, et al.: “Outcome of Surgical Treatment of Adult Choledochal Cyst” – Presented at the 24th Annual Scientific Meeting of the College of Surgeons of Thailand, Pattaya, Thailand (English session) – July 24-27, 1999. Presented at the 9th World Congress International Gastro-Surgical Club (IGSC), Nagasaki, **Japan** - October 19-23, 1999.
5. **Akaraviputh T**, Soehendra N. “Endoskopische Mukosektomie von Barrett-Frühekarzinomen und hochgradiger Dysplasia” – Presented at DAAD-BioForum-Berlin Grenzenlos forschen?, Berlin, **Germany** – June 7-9, 2001.

6. **Akaraviputh T**, Chinswangwatanakul V, Lohsiriwat V, et al. The result of colonic stent placement in malignant colorectal obstruction: a single endoscopist experience - Presented at the 11th World Congress of Endoscopic Surgery, Yokohama, Japan– September 2-5, 2008.

Publications:

1. **Akaraviputh T**, Watanapa P. Aggressive treatment of malignant duodenocolic fistula: a case report. *Siriraj Hospital Gazette* 1999;51(2):112-4

2. **Akaraviputh T**, Watanapa P. Solitary Rectal Ulcer Syndrome: Two Case Report. *J Med Assoc Thai*. 1999 Jun;82(5):623-7

3. **Akaraviputh T**, Boonnuch W, Methasede. Endoscopic Mucosal Resection (EMR): A review. *Siriraj Hospital Gazette* 2003 Jan;55(1):55-60.

4. Boonnuch W, **Akaraviputh T**, Suwannagool P. Glucagonoma presenting with obstructive jaundice: A case report. *Siriraj Hospital Gazette* 2003;55(2):107-10.

5. Sukpanichnant S, Hargrove NS, Kachintorn U, Manatsathit S, Chanchairujira T, Siritanaratkul N, **Akaraviputh T**, Thakerngpol K. Clofazimine-induced crystal-storing histiocytosis producing chronic abdominal pain in a leprosy patient. *Am J Surg Pathol* 2000;24(1):129-35

6. Brand B, Penaloza-Ramirez A, Gupta R, **Akaraviputh T**, Seewald S, Bohnacke S, Xikun H, Soehendra N. New mechanical puncture videoechoendoscope: one-step transmural drainage of a pseudocyst. *Digest Liver Dis* 2002;33:133-6

7. Seewald S, Groth S, Sriram P, Xikun H, **Akaraviputh T**, Mendoza G, Brand B, Seitz U, Thonke F, Soehendra N. Endoscopic treatment of biliary leakage using N-butyl-2-cyanoacrylate. *Gastrointest Endosc* 2002;56(6):916-9.

8. Seewald S, **Akaraviputh T**, Seitz U, Brand B, Groth S, Mendoza G, He X, Thonke F, Stolte M, Schroeder S, Soehendra N. Circumferential endoscopic mucosal resection and complete removal of Barrett's epithelium – a new approach in the management of Barrett's esophagus containing high-grade intraepithelial neoplasia and intramucosal carcinoma. *Gastrointest Endosc* 2003;57:854-9.

9. **Akaraviputh T**, Boonnuch W, Watanapa P, Lert-akayamanee N, Lohsiriwat D. Surgical management of adult choledochal cysts. *J Med Assoc Thai* 2005;88(7):939-43.

10. Boonnuch W, **Akaraviputh T**, Lohsiriwat D. Whipple's operation without an operative mortality in 37 consecutive patients : Thai surgeon' experiences. *J Med Assoc Thai* 2005; 88(4):467-72.

11. **Akaraviputh T**, Boonnuch W, Lohsiriwat V, Methasete A, Chinswangwatanakul V, Lert-akayamanee N, Lohsiriwat D. Long-term results of large diameter hepaticojejunostomy for treatment of bile duct injuries following cholecystectomy. *J Med Assoc Thai* 2006;89(5):657-62.

12. **Akaraviputh T**, Chinswangwatanakul V, Swangsri J, Lohsiriwat V. Thoracoscopic enucleation of a large esophageal leiomyoma using a three thoracic ports technique. *World J Surg Onco* 2006;4:70

13. **Akaraviputh T**, B Teeratherdtrakul, Chinswangwatanakul V, Lert-akayamanee N. Laparoscopic surgery in general surgery: Where are we now? *Siriraj Med J* 2006;58(9):1016-7

14. Lohsiriwat V, Sridermma W, **Akaraviputh T**, et al. Surgical outcomes of lichtenstein tension-free hernioplasty for acutely incarcerated inguinal hernia. *Surg Today*. 2007;37(3):212-4.

15. Lohsiriwat V, Chinswangwatanakul V, Lohsiriwat S, **Akaraviputh T**, Boonnuch W, Methasade A, Lohsiriwat D. Hypoalbuminemia is a predictor of delayed postoperative bowel function and poor surgical outcomes in right-sided colon cancer patients. *Asia Pac J Clin Nutr*. 2007;16(2):213-7.
16. Lohsiriwat V, Lohsiriwat D, Chinswangwatanakul V, **Akaraviputh T**, Lert-Akyamanee N. Comparison of short-term outcomes between laparoscopically-assisted vs. transverse-incision open right hemicolectomy for right-sided colon cancer: a retrospective study. *World J Surg Oncol* 2007;11;5:49.
17. Laohavichitra K, **Akaraviputh T**, Methasate A, Leelakusolvong S, Kachintorn U. Comparison of early pre-cutting vs standard technique for biliary cannulation in endoscopic retrograde cholangiopancreatography: A personal experience. *World J Gastroenterol* 2007; Jul 21;13(27):3734-7.
18. **Akaraviputh T**, Lohsiriwat V, Swangsri J, et al. The learning curve for safety and success of precut sphincterotomy for therapeutic ERCP: a single endoscopist's experience. *Endoscopy* 2008;40(6):513-6. Epub 2008 May 8.
19. Lohsiriwat V, Lohsiriwat D, Boonnuch W, Chinswangwatanakul V, **Akaraviputh T**, Lert-Akyamanee N. Pre-operative hypoalbuminemia is a major risk factor for postoperative complications following rectal cancer surgery. *World J Gastroenterol* 2008;28;14(8):1248-51.
20. Lohsiriwat V, Lohsiriwat D, Boonnuch W, Chinswangwatanakul V, **Akaraviputh T**, Riansuwan W, Lert-Akyamanee N. Outcomes of Sphincter-Saving Operation for Rectal Cancer without Protective Stoma and Pelvic Drain, and Risk Factors for Anastomotic Leakage. *Dig Surg* 2008;23;25(3):191-197.
21. **Akaraviputh T**, Sriprayoon T, Prachayakul V, Sakiyalak P. Endoscopic diagnosis of secondary aorto-esophageal fistula. *Endoscopy* 2008; Mar 20. [Epub ahead of print].
22. Lohsiriwat V, Sujarittanakarn S, **Akaraviputh T**, et al. Colonoscopic perforation: A report from World Gastroenterology Organization endoscopy training center in Thailand. *World J Gastroenterol* 2008;21;14(43):6722-5.
23. **Akaraviputh T**, Trakarnsanga A, Pongprasobchai S, Boonnuch W. Giant appendiceal mucocele mimicking gastrointestinal stromal tumor of the cecum. *Endoscopy* 2009 Feb;41 Suppl 2:E17-8. Epub 2009 Feb 13.
24. **Akaraviputh T**, Rattannapan T, Lohsiriwat V, et al. A same day approach for Choledocholithiasis using endoscopic stone removal followed by laparoscopic cholecystectomy: A retrospective study. *J Med Assoc Thai* 2009; 92(1):8-11
25. Opananon S, **Akaraviputh T**, Methasate A, et al. Endoscopic management of foreign body in the upper gastrointestinal tract: A tertiary care center experience. *J Med Assoc Thai* 2009; 92(1):17-21
26. **Akaraviputh T**, Manuyakorn A, Lohsiriwat V. Diagnosis by endoscopic ultrasound of a large aberrant pancreas mimicking malignant gastrointestinal stromal tumor of the stomach. *Endoscopy* 2009 Mar;41 Suppl 2:E63-4. Epub 2009 Mar 24.
27. **Akaraviputh T**, Leelouhapong C, Lohsiriwat V, Aroonpruksakul S. Efficacy of perioperative parecoxib injection on postoperative pain relief after laparoscopic cholecystectomy: A prospective, randomized study. *World J Gastroenterol* 2009;28;15(16):2005-8.

28. **Akaraviputh T**, Iramaneerat C, Trakarnsanga A. Liver injury from endoscopic insertion of self-expandable metallic stent to relieve biliary obstruction: a fatal complication. *Gastrointest Endosc*. 2009 Jun 24. [Epub ahead of print] (70):554-555.
29. Opananon S, **Akaraviputh T**, Keorochana K, Somcharit L. The role of laparoscopic management in suspected traumatic diaphragmatic injury patients: a tertiary care center experience. *J Med Assoc Thai*. 2009 Jul;92(7):903-8.
30. Lohsiriwat V, Lohsiriwat D, Boonnuch W, Chinswangwatanakul V, **Akaraviputh T**, Methasade A, Lertakyamanee N. Comparison between midline and right transverse incision in right hemicolectomy for right-sided colon cancer: a retrospective study. *J Med Assoc Thai*. 2009 Aug;92(8):1003-8.
31. Lohsiriwat V, Sujarittanakarn S, **Akaraviputh T**, et al. What are the risk factors of colonoscopic perforation? *BMC Gastroenterol*. 2009 Sep 24;9:71.
32. Boonnuch W, Lohsiriwat V, **Akaraviputh T**, et al. The surgical outcome of preoperative chemoradiation therapy for ultra low rectal cancer. *J Med Assoc Thai* 2009;92(11):1423-7.
33. Leelakusolvong S, Sriprayoon T, Methasate A, **Akaraviputh T**. Endoscopic treatment of acute *Ascaris* pancreatitis. *Endoscopy*. 2010;42 Suppl 2:E12-3. Epub 2010 Jan 11.
34. **Akaraviputh T**, Arunakul S, Lohsiriwat V, et al. Surgery for gastrointestinal malignant melanoma: Experience from surgical training center. *World J Gastroenterol*. 2010 Feb 14;16(6):745-8.
35. Methasate A, Trakarnsanga A, **Akaraviputh T**, et al. Lymph node metastasis in gastric cancer: result of D2 dissection. *J Med Assoc Thai*. 2010 Mar;93(3):310-7.
36. **Akaraviputh T**, Trakarnsanga A, Suksamanapun N. Robot-assisted complete excision of choledochal cyst type I, hepaticojejunostomy and extracorporeal Roux-en-y anastomosis: a case report and review literature. *World J Surg Oncol*. 2010 Oct 12;8:87.
37. Trakarnsanga A, Sriprayoon T, **Akaraviputh T**, Tongdee T. Massive hemobilia from a ruptured hepatic artery aneurysm detected by endoscopic ultrasound (EUS) and successfully treated. *Endoscopy* 2010;42(S 02):E340-E341. Epub 2010 Dec 17.
38. **Akaraviputh T**, Trakarnsanga A, Tolan K. Endoscopic treatment of acute ascending cholangitis in a patient with Roux-en-Y limb obstruction after a Whipple operation. *Endoscopy* 2010;42(S 02):E335-E336. Epub 2010 Dec 17.
39. Suksamanapun N, Uiprasertkul M, Ruangtrakool R, **Akaraviputh T**. Endoscopic treatment of a large colonic polyp as a cause of colocolonic intussusception in a child. *World J Gastrointest Endosc* 2010 Jul 16;2(7):268-70.
40. Shimizu S, Itaba S, Yada S, Takahata S, Nakashima N, Okamura K, Rerknimitr R, **Akaraviputh T**, Lu X, Tanaka M. Significance of telemedicine for video image transmission of endoscopic retrograde cholangiopancreatography and endoscopic ultrasonography procedures. *J Hepatobiliary Pancreat Sci* 2010.
41. Methasate A, Trakarnsanga A, **Akaraviputh T**, et al. Radical esophagectomy for esophageal cancer: results in Thai patients. *J Med Assoc Thai*. 2010 Nov;93(11):1256-61.
42. Trakarnsanga A, **Akaraviputh T**, Methasate A, Chinswangwatanakul V. Hybrid approach for left-sided colonic carcinoma obstruction; a case report. *World J Surg Oncol*. 2011 Apr 21;9(1):42

43. Methasate A, Trakarnsanga A, **Akaraviputh T**, et al. Early gastric cancer: the first case series in Thailand. *J Med Assoc Thai*. 2011 Mar;94(3):316-22.
44. Kongkam P, Rerknimitr R, Ridditid W, Pausawasdi N, **Akaraviputh T**, et al. EUS-FNA for pancreatic cyst lesion, today and tomorrow in the Kingdom of Thailand.; Thai Association for Gastrointestinal Endoscopy. *Dig Endosc* 2011;23 Suppl 1:54-7
45. Boonnuch W, **Akaraviputh T**, Nino C, Yiengpruksawan A, Christiano AA. Successful treatment of esophageal metastasis from hepatocellular carcinoma using the da Vinci robotic surgical system. *World J Gastrointest Surg* 2011;27;3(6):82-5.
46. Lim LG, Itoi T, Lim WC, Mesenas SJ, Seo DW, Tan J, Wang HP, **Akaraviputh T**, et al; the Asian Consortium of EUS. Current status on the diagnosis and management of pancreatic cysts in the Asia-Pacific region: the role of endoscopic ultrasound. *J Gastroenterol Hepatol* 2011
47. Suksamanapun N, Trakarnsanga A, **Akaraviputh T**. Blue Rubber Bleb Nevus Syndrome. *Endoscopy* 2011.
48. Tolan HK, Sriprayoon T, **Akaraviputh T**. Unusual penetration of plastic biliary stent in a large ampullary carcinoma: A case report. *World J Gastrointest Endosc* 2012;16;4(6):266-8.
49. Prachayakul V, Aswakul P, Pongprasobchai S, Pausawasdi N, **Akaraviputh T**, et al. Clinical characteristics, endosonographic findings and etiologies of gastroduodenal subepithelial lesions: a Thai referral single center study. *J Med Assoc Thai* 2012;95 Suppl 2:S61-7.
50. Trakarnsanga A, **Akaraviputh T**. Endoscopic tattooing of colorectal lesions: Is it a risk-free procedure? *World J Gastrointest Endosc* 2011;16;3(12):256-60.

Book chapter: (Thai language)

1. Disease of Small bowel.10th Chapter in Hand book of Medical Student.
2. Surgery for Portal Hypertension. Current in Surgery 23rd edition. P. 737-61.
3. Endoscopic Celiac Plexus Neurolysis. Current in Surgery 24th edition. P.235-45
4. Surgery for Portal Hypertension. Current in Surgery 25th edition
5. Lower GI Bleeding: Endoscopist views. Current in Surgery 26th edition. P183-93.
6. Endoscopic Ultrasonography for diagnosis pancreatic lesions. Current in Surgery 27th edition. P310-10.
7. Fluids and Electrolytes. Current in Surgery 28th edition. P59-71.
8. Endoscopic Biliary Drainage Tip & Technique. Current in Surgery 29th edition. P316-25.
9. Role of EUS in Management of Pancreatic Cystic Tumors. Current in Surgery 30th edition. P95-105.
10. Colonic stent: How I do it?.
11. Prophylaxis antibiotic in endoscopic procedure.
12. Application of hemoclipping technique.
13. Role of endoscopic treatment for GI tract perforation
14. Update management in pancreatic cancer: Role of EUS for pancreatic cancer

Book chapter: (English language)

1. **T. Akaraviputh** and A. Trakarnsanga (2011). Surgical Management of Malignant Melanoma of Gastrointestinal Tract, Melanoma in the Clinic - Diagnosis, Management and Complications of Malignancy, Prof. Mandi Murph (Ed.), ISBN: 978-953-307-571-6, InTech, Available from:
<http://www.intechopen.com/articles/show/title/surgical-management-of-malignant-melanoma-of-gastrointestinal-tract>

Book editor:

1. Surgical Endoscopy: Complication of GI Endoscopy (**Thai**)
2. Surgical Endoscopy: Endoscopic versus Laparoscopic Management (**Thai**)

Poster presentation:

1. **Akaraviputh T**, Watanapa P.: “Resolution of large gastric mass after eradication of Helicobacter Pylori Infection: A case report”. Presented at The 12th Biennial Congress of the Asian Surgical Association, Brisbane, Queensland, **Australia** - March 7-10, 1999.

2. **Akaraviputh T**, Wiroon B, Darin L.: “Duodenal Obstruction due to chronic pancreatitis in the absence of classic symptoms: Report of a case successfully treated with Whipple’s operation (PPPP).” Presented at the 24th Annual Scientific Meeting of the College of Surgeons of Thailand, Pattaya, Thailand – July 24-27, 1999.

3. Seewald S, Brand B, Thonke F, de Weerth A, **Akaraviputh T**, Bohnacker S, Seitz U, Soehendra N.: “Endoskopische Mukosektomie (EMR) von hochgradigen intraepithelialen Neoplasien und mukosalen Karzinomen beim Barrett-Ösophagus mit der einfachen Schlingentechnik”. Presented at 56. Tagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten (DGVS) mit Sektion für Gastroenterologische Endoskopie, Münster, **Germany** – September 12th – 15th, 2001.

4. Seewald S, **Akaraviputh T**, Brand B, Groth S, Mendoza G, Bohnacker S, Seitz U, Thonke F, Soehendra N.: “Circumferential endoscopic mucosal resection as the management of high-grade intraepithelial neoplasia and intramucosal cancer in Barrett’s esophagus with non-visible endoscopic lesion.” Presented at DDW, San Francisco, **USA** – May 21st – 25th, 2002.

5. **Akaraviputh T**, Boonnuch W, Methasade A. “Surgical management of bile duct injury following cholecystectomy.” Presented at 6 th World congress of IHPBA, Washington, DC, **USA** – June 2nd – 6th, 2004.

6. Laohavichitra K, Trakarnsanga A, Lohsiriwat V, Methasate A, Leelakusolvong S, Karnsakul W, **Akaraviputh T**. “Safety of early precut sphincterotomy: an analysis of consecutive 1,525 ERCP examinations by a single endoscopist.” Presented at 16th United European Gastroenterology Week "UEGW 2008" Vienna, **Austria**.

7. **Akaraviputh T**, Manuyakorn A. Large aberrant pancreas mimicking GIST of stomach: a case report. Presented at ELSA 2008, Yokohama, **Japan**.

Video Presentation:

1. **Akaraviputh T**, B Indrasukhsri.: “Nasogastric Tube Insertion” presented at the 24th Annual Scientific Meeting of the College of Surgeons of Thailand, Pattaya, Thailand – July 24th – 27th, 1999.

2. **Akaraviputh T**, Chinswangwatanakul V, Swangsri J, Lohsiriwat V. Thoracoscopic enucleation of a large esophageal leiomyoma using three thoracic trocar technique. International Society for Digestive Surger, Rome, **Italy**- Nov 29th –Dec 2nd, 2006.

Moderater:

1. Poster Session: The 9th World Congress International Gastro-Surgical Club (IGSC), Nagasaki, **Japan**. - October 19-23, 1999.
2. Oral Presentation session: Biotechnology in Medical Fields (A2 session) at DAAD-BioForum-Berlin Grenzenlos forschen?, Berlin, **Germany** – June 7-9, 2001.
3. Poster Session: 11th World Congress of Endoscopic Surgery, Yokohama, **Japan**- September 2nd -5th, 2008.
4. Live Demonstration of GI endoscopy, GIHep **Singapore**. – June 17th-18th, 2010
5. 4th Asian Telemedicine Symposium, Seoul, **South Korea**. – December 18th, 2010
6. Endocon 2011, 12th Annual Congress of The Society of GI Endoscopy of India, Grand Hyatt, Mumbai, **India**. – April 21st - 24th, 2011.
7. 7th International Congress of the APHS, Hauhin, Thailand. –January 11-13, 2012.

Editorial Board:

1. The Thai Journal of Surgery
2. World Journal of Gastrointestinal Endoscopy
3. World Journal of Gastrointestinal Surgery
4. World Journal of Gastrointestinal Pathophysiology
5. Journal of Gastroenterology and Hepatology

International Invited Speaker

1. Role of EUS and EUS-FNA in the management of pancreatic cyst in 6th Asean EUS Forum at NUH, **Singapore**. 10th January 2009
2. Clinical application of EUS-A surgeon perspective in 8th Asia pacific basic hand-on EUS course at NUH, **Singapore**. 29th January 2010
3. Robotic assisted Whipple’s operation: an early experience. 2nd live demonstration on Davinci Robotic Surgery, Beijing, **China**. 1st-2nd August 2010
4. Tip & Technique of biliary plastic stenting. 1st Myanmar-Thailand Endofest 2010, Yangon, **Myanmar**. 21st August 2010
5. Femoral hernia. APHS 2010 Seoul, **Korea**. 15th-16th October 2010
6. Robotic surgery in General surgery. Hanoi, **Vietnam**.

7. Preoperative endoscopic role in pancreatic surgery. 2nd Bangkok IASGO International postgraduated course: HBP cancer: next generation. Bangkok, **Thailand**. 27th-29th January 2011
8. Robotic pancreatic surgery. 2nd Bangkok IASGO International postgraduated course: HBP cancer: next generation. Bangkok, **Thailand**. 27th-29th January 2011
9. Difficult bile duct stones: Endoscopy or Surgery? APDW 2011. **Singapore**. 2-4th October 2011.
10. Siriraj MIS activities. 5th Asian Telemedicine Symposium. Fukuoka, **Japan**. 16th-17th December 2011.
11. Difficult bile duct stones: Endoscopy or Surgery? Yangon, **Myanmar**. 2nd February 2012.
12. The Pros and Cons in Laparoscopic and robotic pancreaticoduodenectomy. 3rd Bangkok IASGO International postgraduated course: Bangkok, **Thailand**. 21st-23rd February 2012