


International Digestive Endoscopy Network 2020

September 25(Fri) – 26(Sat), 2020 BEXCO, Busan, Korea

Name	Jeong-Sik Byeon	
Country	South Korea	
Organization	Asan Medical Center, University of Ulsan College of Medicine	
Current Position	Professor	

Educational Background

Mar 1988 – Feb 1990, Pre-medicine, College of Natural Science, Seoul National University, Seoul, Korea
Mar 1990 – Feb 1994, Bachelor, Seoul National University College of Medicine, Seoul, Korea
Mar 1997 – Aug 2003, Master in Medical Science, Seoul National University College of Medicine, Korea
Mar 2004 – Feb 2009, Ph.D. in Medical Science, University of Ulsan College of Medicine, Ulsan, Korea

Professional Experiences

Mar 1994 – Feb 1995, Internship, Seoul National University Hospital, Seoul, Korea
Mar 1995 – Feb 1999, Medical Residency, Seoul National University Hospital, Seoul, Korea
May 2002 – Feb 2004, Fellowship, University of Ulsan College of Medicine, Asan Medical Center, Korea
May 2005, Clinical observer in Gastroenterology, Jichi University Hospital, Japan

Professional Organizations

Mar 2004 – Mar 2009, Assistant Professor, University of Ulsan College of Medicine, Asan Medical Center, Korea
Sep 2010 – Aug 2012, Visiting Scientist, Cedars Sinai Medical Center, LA, CA, USA
Apr 2009 – Mar 2015, Associate Professor, University of Ulsan College of Medicine, Asan Medical Center, Korea
Apr 2015 – Present, Professor, GI endoscopist, Specialist for advanced diagnostic/therapeutic colonoscopy & small bowel endoscopy, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

Main Scientific Publications

Park HW, **Byeon JS**, Park YS, Yang DH, Yoon SM, Kim KJ, Ye BD, Myung SJ, Yang SK, Kim JH. Endoscopic submucosal dissection for treatment of rectal carcinoid tumors. *Gastrointest Endosc* 2010;72:143-9.

Byeon JS, Jeong JY, Kim MJ, Lee SM, Nam WH, Myung SJ, Kim JG, Yang SK, Kim JH, Suh DJ. Adiponectin and adiponectin receptor in relation to colorectal cancer progression. *Int J Cancer* 2010;127:2758-67.

Park HW, Han S, Lee JS, Chang HS, Lee D, Choe JW, Myung SJ, Yang SK, Kim JH, **Byeon JS**. Risk stratification for advanced proximal colon neoplasm and individualized endoscopic screening for colorectal cancer by a risk-scoring model. *Gastrointest Endosc* 2012;76:818-28.

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Seo M, Song EM, Cho JW, Lee YJ, Lee BI, Kim JS, Jeon SW, Jang HJ, Yang DH, Ye BD, **Byeon JS**. A risk-scoring model for the prediction of delayed bleeding after colorectal endoscopic submucosal dissection. *Gastrointest Endosc* 2019;89(5):990-998.

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Kim J, Lee JY, Hwang SW, Park SH, Yang DH, Ye BD, Myung SJ, Yang SK, Koo JE, Lee HJ, Choe J, **Byeon JS**. Risk factors of traditional serrated adenoma and clinicopathologic characteristics of synchronous conventional adenoma. *Gastrointest Endosc* 2019;90(4):636-646.

Song EM, Park B, Ha CA, Hwang SW, Park SH, Yang DH, Ye BD, Myung SJ, Yang SK, Kim N, **Byeon JS**. Endoscopic diagnosis and treatment planning for colorectal polyps using a deep-learning model. *Sci Rep*. 2020 Jan 8;10(1):30.

Lee JY, Jeong J, Song EM, Ha C, Lee HJ, Koo JE, Yang DH, Kim N, **Byeon JS**. Real-time detection of colon polyps during colonoscopy using deep learning: systematic validation with four independent datasets. *Sci Rep* 2020;10(1):8379.