


International Digestive Endoscopy Network 2020

Name	Dong Il Gwon	
Country	Korea	
Organization	Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center	
Current Position	Professor	

Educational Background

College of Medicine (MD): University of Kosin College of Medicine, Mar 1990 - Feb 1997

Graduate School (MS): University of Inje College of Medicine, Mar 2007 - Feb 2009

Graduate School (Ph.D): University of Ulsan College of Medicine, Mar 2009 – Feb 2011

Professional Experiences

Assistant Professor: University of Inje College of Medicine, Mar 2003 – Feb 2007

Clinical Assistant Professor: University of Ulsan College of Medicine, Mar 2007 – Feb 2012

Associate Professor: University of Ulsan College of Medicine, Mar 2012 – Mar 2018

Professor: University of Ulsan College of Medicine, Apr 2018 – present

Professional Organizations

Korean Radiological Society (1998 – present)

Korean Society of Interventional Radiology (2002 – present)

Cardiovascular and Interventional Radiological Society of Europe (2010 – present)

Society of Gastrointestinal Intervention (2010 – present)

Main Scientific Publications

1. **Gwon DI.** Percutaneous transhepatic placement of covered, self-expandable nitinol stent for the relief of afferent loop syndrome: report of two cases. *J Vasc Interv Radiol.* 2007;18:157-163.
2. **Gwon DI,** Ko GY, Yoon HK, Sung KB, Lee JM, Ryu SJ, Seo MH, Shim JC, Lee GJ, Kim HK. Inferior phrenic artery: anatomy, variations, pathologic conditions and interventional management. *RadioGraphics.* 2007; 27(3) :687-705.
3. **Gwon DI,** Shim JC, Lee YK, Lee GJ, Kim HK. Retrievable biliary stent-graft management of refractory postoperative bile leakage. *J Vasc Interv Radiol.* 2007;18(8):1036-1041.
4. **Gwon DI,** Shim HJ, Kwak BK. Retrievable biliary stent-graft in the treatment of benign biliary strictures. *J Vasc Interv Radiol.* 2008;19(9):1328-1335.
5. **Gwon DI,** Ko GY, Yoon HK, Sung KB, Kim JH, Lee SS, Lee JM, Ohm JY, Shin JH, Song HY. Hepatocellular carcinoma associated with membranous obstruction of the inferior vena cava: incidence, characteristics, risk factors, and clinical efficacy of transcatheter arterial chemoembolization. *Radiology.* 2010; 254(2):617-626.
6. **Gwon DI,** Ko GY, Yoon HK, Kim JH, Lee JM, Ohm JY, Sung KB. Prospective evaluation of a newly designed T-configured stent graft system for palliative treatment of advanced hilar malignant biliary obstructions. *J Vasc Interv Radiol.* 2010; 21(9):1410-1418.
7. **Gwon DI,** Ko GY, Kim JH, Yoon HK, Lee IS, Kim KA, Sung KB. A comparative analysis of PTFE-covered and uncovered stents for palliative treatment of malignant extrahepatic biliary obstruction. *AJR Am J Roentgenol.* 2010 Dec;195(6):W463-9.
8. **Gwon DI,** Ko GY, Sung KB, Kim JH, Yoon HK. Percutaneous Transhepatic Treatment of Postoperative Bile Leaks: Prospective Evaluation of Retrievable Covered Stent. *J Vasc Interv Radiol.* 2011; 22(1):75-83.
9. **Gwon DI,** Sung KB, Ko GY, Yoon HK, Lee SG. Dual catheter placement technique for treatment of biliary anastomotic strictures after liver transplantation. *Liver Transpl.* 2011 Feb;17(2):159-66.
10. **Gwon DI,** Ko GY, Sung KB, Shin JH, Kim JH, Yoon HK. Endovascular management of extrahepatic artery hemorrhage after pancreatobiliary surgery: clinical features and outcomes of transcatheter arterial embolization and stent-graft placement. *AJR Am J Roentgenol.* 2011 May;196(5):W627-634.

11. Kim JH, **Gwon DI**, Ko GY, Sung KB, Lee SK, Yoon HK, Shin JH, Song HY. Temporary placement of retrievable fully covered metallic stents versus percutaneous balloon dilation in the treatment of benign biliary strictures. *J Vasc Interv Radiol*. 2011; 22(6):893-899.
12. **Gwon DI**, Ko GY, Sung KB, Yoon HK, Shin JH, Kim JH, Kim J, Oh JY. Percutaneous biliary metallic stent placement in patients with unilobar portal vein occlusion caused by advanced hilar malignancy: outcome of unilateral versus bilateral stenting. *AJR Am J Roentgenol*. 2011;197(4):795-801.
13. **Gwon DI**, Ko GY, Sung KB, Yoon HK, Shin JH, Kim JH, Kim J, Oh JY, Song HY. A novel double stent system for palliative treatment of malignant extrahepatic biliary obstructions: a pilot study. *AJR Am J Roentgenol*. 2011;197(5):W942-W947.
14. Choi SH, **Gwon DI**, Ko GY, Sung KB, Yoon HK, Shin JH, Kim JH, Kim J, Oh JY, Song HY. Hepatic arterial injuries in 3110 patients following percutaneous transhepatic biliary drainage. *Radiology*. 2011;261(3):969-975.
15. **Gwon DI**, Ko GY, Yoon HK, Kim YJ, Kim TH, Lee WH, Sung KB. Safety and efficacy of percutaneous Y-configured covered stent placement for malignant hilar biliary obstruction: a prospective, pilot study. *J Vasc Interv Radiol*. 2012 Apr;23(4):528-34.Feb 15 [Epub ahead of print].
16. **Gwon DI**, Ko GY, Sung KB, Yoon HK, Kim KA, Kim TH, Lee WH. Clinical outcomes after percutaneous biliary interventions in patients with malignant biliary obstruction caused by metastatic gastric cancer. *Acta Radiol* 2012 53(4):422-9
17. **Gwon DI**, Paik SH. Successful treatment of malignant superior vena cava syndrome using a stent-graft. *Korean J Radiol*. 2012 Mar;13(2):227-31.
18. Yi R, **Gwon DI**, Ko GY, Yoon HK, Kim JH, Shin JH, Sung KB. Percutaneous unilateral placement of biliary covered metallic stent in patients with malignant hilar biliary obstruction and contralateral portal vein occlusion. *Acta Radiol*. 2012 Sep 1;53(7):742-9.
19. **Gwon DI**, Lee SS, Kim EY. Cefotaxime-eluting covered self-expandable stents in a canine biliary model: scanning electron microscopic study of biofilm formation. *Acta Radiol*. 2012 Dec 1;53(10):1127-32.
20. **Gwon DI**, Ko GY, Kim JH, Shin JH, Yoon HK, Sung KB. Malignant superior vena cava syndrome: a comparative cohort study of treatment with covered stents versus uncovered stents. *Radiology*. 2013 Mar;266(3):979-87.
21. **Gwon DI**, Ko GY, Yoon HK, Sung KB, Kim JH, Shin JH, Ko HK, Song HY. Gastric Varices and Hepatic Encephalopathy: Treatment with Vascular Plug and Gelatin Sponge-assisted Retrograde Transvenous Obliteration--A Primary Report. *Radiology*. 2013 Jul;268(1):281-7.
22. **Gwon DI**, Ko GY, Kim JH, Shin JH, Kim KA, Yoon HK, Sung KB. Percutaneous bilateral metallic stent placement using a stentin-stent deployment technique in patients with malignant hilar biliary obstruction. *AJR Am J Roentgenol*. 2013 Apr;200(4):909-14.
23. **Gwon DI**, Ko GY, ko HK, Yoon HK, Sung KB. Percutaneous Transhepatic Treatment Using Retrievable Covered Stents in Patients with Benign Biliary Strictures: Mid-term Outcomes in 68 Patients. *Dig Dis Sci*. 2013 Nov;58(11):3270-9.
24. Kim C, **Gwon DI**, Ko GY, Kim JH, Shin JH, Ko HK, Yoon HK, Sung KB. Percutaneous metallic stent placement in patients with cancer recurrence at bilioenterostomy site. *J Vasc Interv Radiol*. 2013 Oct;24(10):1552-8.
25. Cho Y, **Gwon DI**, Ko GY, Ko HK, Kim JH, Shin JH, Yoon HK, Sung KB. Covered stent placement for the treatment of malignant superior vena cava syndrome: is unilateral covered stenting safe and effective? *Korean J Radiol*. 2014 Jan;15(1):87-94.
26. Lee E, **Gwon DI**, Ko GY, Sung KB, Yoon HK, Shin JH, Kim JH, Ko HK, Song HY. Percutaneous biliary covered stent insertion in patients with malignant duodenobiliary obstruction *Acta Radiol*. 2015 Feb;56(2):166-73.
27. Son RC, **Gwon DI**, Ko HK, Kim JW, Ko GY. Percutaneous unilateral biliary metallic stent placement in patients with malignant obstruction of the biliary hila and contralateral portal vein steno-occlusion. *Korean J Radiol*. 2015 May-Jun;16(3):586-92.
28. **Gwon DI**, Kim YH, Ko GY, Kim JW, Ko HK, Kim JH, Shin JH, Yoon HK, Sung KB. Vascular Plug-Assisted Retrograde Transvenous Obliteration for the Treatment of Gastric Varices and Hepatic Encephalopathy: A Prospective Multicenter Study. *J Vasc Interv Radiol*. 2015 Nov;26(11):1589-95.
29. Lee J, **Gwon DI**, Ko GY, Kim JW, Sung KB. Biliary intraductal metastasis from advanced gastric cancer: radiologic and histologic characteristics, and clinical outcomes of percutaneous metallic stent placement. *Eur Radiol*. 2016 Jun;26(6):1649-55.

30. Noh SY, **Gwon DI**, Ko GY, Yoon HK, Sung KB. Role of percutaneous cholecystostomy for acute acalculous cholecystitis: clinical outcomes of 271 patients. *Eur Radiol.* 2018 Apr;28(4):1449-1455.
 31. **Gwon DI**, Ko GY, Kwon YB, Yoon HK, Sung KB. Plug-Assisted Retrograde Transvenous Obliteration for the Treatment of Gastric Varices: The Role of Intra-Procedural Cone-Beam Computed Tomography. *Korean J Radiol.* 2018 Mar-Apr;19(2):223-229.
 32. **Gwon DI**, Ko GY, Kim JW, Ko HK, Yoon HK, Sung KB. Double-Stent System with Long Duodenal Extension for Palliative Treatment of Malignant Extrahepatic Biliary Obstructions: A Prospective Study. *Korean J Radiol.* 2018 Mar-Apr;19(2):230-236.
 33. Shim DJ, **Gwon DI**, Han K, Kim Y, Ko GY, Shin JH, Ko HK, Kim JH, Kim JW, Yoon HK, Sung KB. Percutaneous metallic stent placement for palliative management of malignant biliary hilar obstruction. *Korean J Radiol.* 2018 Jul-Aug;19(4):597-605
 34. Shim DJ, **Gwon DI**, Ko GY, Yoon HK, Sung KB. Transjugular insertion of biliary stent in patients with malignant biliary obstruction complicated by ascites with/without coagulopathy: a prospective study of 12 patients. *Diag Interv Radiol* 2019 Nov;25(6):465-470
 35. Kim ET, **Gwon DI**, Kim JW, Ko GY. Acute pancreatitis after percutaneous insertion of metallic biliary stents in patients with unresectable pancreatic cancer. *Clin Radiol.* 2020 Jan;75(1):57-63
 34. Kwon JH, **Gwon DI**, Kim JW, Chu HH, Kim JH, Ko GY, Yoon HK, Sung KB. Percutaneous Biliary Metallic Stent Insertion in Patients with Malignant Duodenobiliary Obstruction: Outcomes and Factors Influencing Biliary Stent Patency. *Korean J Radiol* 2020 Jun;21(6):695-706
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