

## CURRICULUM VITAE

**NAME** : Jin Wook Chung

### PRESENT TITLE & AFFILIATION

Professor and Chairman  
Department of Radiology  
Seoul National University College of Medicine

### CITIZENSHIP

Republic of Korea

### LICENSES - ACTIVE

National Medical License, Korea - February 1985 (License Number: 28137)

### EDUCATION

**UNDERGRADUATE** : College of Liberal Arts and Science  
Seoul National University  
(March 1979 - February 1981)

**GRADUATE** : College of Medicine - M. D.  
Seoul National University  
(March 1981 - February 1985)

Graduate School - M.S.  
Seoul National University  
(March 1987 - February 1989)

Graduate School - Ph.D.  
Seoul National University  
(March 1992 - February 1994)

POSTGRADUATE : Rotating Internship  
Seoul National University Hospital, Seoul  
(March 1985 - February 1986)

Radiology Residency  
Seoul National University Hospital, Seoul  
(March 1986 - February 1989)

**SPECIALTY BOARDS** : Korean Board of Radiology (February 1989)

**MILITARY SERVICE** : Republic of Korea Air Force, Captain,  
Flight Surgeon (March 1989 - April 1992)

## ACADEMIC & PROFESSIONAL APPOINTMENTS

Instructor of Radiology  
Seoul National University College of Medicine  
(March 1994 - February 1996)

Assistant Professor of Radiology  
Seoul National University College of Medicine  
(March 1996 - February 2001)

Associate Professor of Radiology  
Seoul National University College of Medicine  
(February 2001 - March 2006)

Professor of Radiology  
Seoul National University College of Medicine  
(April 2006 - Present)

## HOSPITAL APPOINTMENTS

Clinical Fellow in Cardiovascular & Interventional Radiology Section,  
Seoul National University Hospital  
(May 1992 - February 1994)

Faculty in Cardiovascular & Interventional Radiology Section,  
Seoul National University Hospital  
(March. 1994 - Present)

Faculty in Charge of Animal Research, Department of  
Radiology, Seoul National University Hospital  
(January 1995 - Present)

## Visiting Scholar

Division of Cardiovascular Interventional Radiology,  
Stanford University Medical Center  
(July 1996 – June 1997)

Chief of Cardiovascular & Interventional Radiology Section,  
Seoul National University Hospital  
(September 2012 - Oct 2017)

Chairman, Department of Radiology  
Seoul National University Hospital  
(Nov 2017 - Present)

## SOCIETY MEMBERSHIP

Korean Society of Radiology	(1989 - )
Korean Society of Medical Ultrasound	(1992 - )
Korean Society of Interventional Radiology	(1992 - )
Radiological Society of North America	(1994 - )
Society of Interventional Radiology	(1996 - )
Korean Vascular Surgery Society	(1997 - )
Korean Liver Cancer Association	(1998 - )
Cardiovascular and Interventional Radiology Society in Europe	(2010 - )

## HONORS/AWARDS

Certificate of merit award (1993) for a scientific exhibit at 79th Scientific Assembly and Annual Meeting of Radiological Society of North America

Certificate of merit award (1994) for a scientific exhibit at 80th Scientific Assembly and Annual Meeting of Radiological Society of North America (*Extrahepatic collaterals supplying hepatic tumors: angiographic demonstration and suggestive CT features*)

Certificate of merit award (1995) for a scientific exhibit at 81th Scientific Assembly and Annual Meeting of Radiological Society of North America

Cum Laude award (1995) for a scientific exhibit from Korean Radiological Society (*Portosystemic collateral pathways: correlation of CT and DSA. Lee KW, Chung JW, Park JH*)

Certificate of merit award (1998) for a scientific exhibit at 84th Scientific Assembly and Annual Meeting of Radiological Society of North America. (*Non-hepatic arteries originating from the hepatic arteries. (Lim HG, Song SY, Chung JW, Park JH)*)

- Certificate of merit and Design of Excellence award (1999) for a scientific exhibit at 84th Scientific Assembly and Annual Meeting of Radiological Society of North America. (*Celiac trunk and hepatic artery variations revisited in the era of spiral CT: spectrum of variations, new nomenclature system, and comprehensive developmental model. Chung JW, Song SY, Lim HG, Kim HB, Lee W, Park JH*)
- Award for international publication (2001) from Korean Radiological Society
- Award for a best scientific oral presentation (2002) at Annual Meeting of Korean Society of Phlebology. (*CT venography to evaluate superficial veins in lower extremities. Chung JW, Park JH, Ha JW, Kim SJ*)
- Featured abstract (2003) for a scientific oral presentation at 28th Annual Scientific Meeting of Society of Interventional Radiology. (*Deep vein thrombosis of lower extremity: evaluation of underlying anatomic problems using spiral CT venography. Chung JW, Yoon CJ, Jung SI, Park JH*).
- Cum Laude award (2004) for a scientific exhibit at 89th Scientific Assembly and Annual Meeting of Radiological Society of North America. (*Hepatocellular carcinoma treated with transcatheter arterial chemoembolization: spectrum of collateral vessels and their suggestive findings. Kim HC, Chung JW, Park JH, Jae HJ, Lee W*.)
- International scientific presentation award (2005) from Korean Society of Interventional Radiology
- Distinguished Reviewer Award (2005. 1) from Journal of Vascular and Interventional Radiology
- Distinguished Reviewer Award (2006. 1) from Journal of Vascular and Interventional Radiology
- Distinguished Reviewer Award (2007. 1) from Journal of Vascular and Interventional Radiology
- Distinguished Reviewer Award (2008. 1) from Journal of Vascular and Interventional Radiology
- Seoul National University Hospital Academic Awards (2008) from Seoul National University Hospital and Seoul National University College of Medicine
- Radiology Editor's Recognition Award for reviewing with Special Distinction (2008. 12) from Radiological Society of North America
- Distinguished Reviewer Award (2009. 1) from Journal of Vascular and Interventional Radiology
- Radiology Editor's Recognition Award for reviewing with Distinction (2009. 12) from Radiological Society of North America
- Radiology Editor's Recognition Award for reviewing with Special Distinction (2010. 12) from Radiological Society of North America
- Radiology Editor's Recognition Award for reviewing with Special Distinction (2011. 12) from Radiological Society of North America
- Radiology Editor's Recognition Award for reviewing with Distinction (2012. 12) from Radiological Society of North America
- JVIR Distinguished Reviewer Award (2014. 12) from J Vasc Interv Radiol

## EDITORIAL BOARD ASSIGNMENTS

Korean Journal of Radiology (2007 - )  
Associate Editor, Radiology (2013 - )

## EDUCATIONAL AND SOCIETY ACTIVITIES

International Intensive Course for Interventional Radiology,  
Program coordinator (2002 -2009)  
9th APCCVIR. Scientific committee chair (2010.6 ~ )  
International Intensive Course for Chemoembolization  
Program director (2014.8 ~ )  
Vice president, Korean Society of Interventional Radiology  
(2017.1.1 ~ 2018.12.31)  
Vice president, Korean Liver Cancer Association  
(2018.7.1 ~ 2019.6.30)  
President, Korean Society of Interventional Radiology  
(2019.1.1 ~ 2020.12.31)

**PUBLICATIONS** (English Literature Journal)

1. Im J-G, **Chung JW**, Han SK, Han MC, Kim JW. CT manifestations of tracheobronchial involvement in relapsing polychondritis. *J Comput Assist Tomogr* 1988; 12(5):792-793.
2. **Chung JW**, Chang KH, Han MH, Kim BH, Song CS. Computed tomography of cavernous sinus diseases. *Neuroradiology* 1988; 30:319-328.
3. Park JH, Kim YM, **Chung JW**, Park YB, Han JK, Han MC. MR imaging of hypertrophic cardiomyopathy. *Radiology* 1992; 185:441-446.
4. **Chung JW**, Park JH, Han JK, Kim HC, Han MC. Hypointense boundary layer between slow flow and mural thrombus on spin-echo MR. *J Comput Assist Tomogr* 1992; 16(6):944-950.
5. **Chung JW**, Im J-G, Park JH, Han JK, Choi CG, Han MC. Left paracardiac mass caused by dilated pericardiacophrenic vein: report of four cases. *AJR Am J Roentgenol* 1993; 160:25-28.
6. Park JH, Han JK, **Chung JW**, Han MC, Kim ST. Postoperative recurrence of hepatocellular carcinoma: results of transcatheter arterial chemoembolization. *Cardiovasc Intervent Radiol* 1993; 16:21-24.
7. Park JH, Han JK, **Chung JW**, Choi BI, Han MC, Kim YI. Superselective transcatheter arterial embolization with ethanol and iodized oil for hepatocellular carcinoma. *J Vasc Interv Radiol* 1993;4:333-339.
8. **Chung JW**, Park JH, Im J-G, Han JK, Han MC. Pulmonary oil embolism following transcatheter oily chemoembolization of hepatocellular carcinoma. *Radiology* 1993;187:689-693.
9. Im J-G, **Chung JW**, Han MC. Milk of pleural collections: CT findings. *J Comput Assist Tomogr* 1993; 17:613-616.
10. **Chung JW**, Park JH, Kim HC, Han MC. Entry tears of thoracic aortic dissection: MR appearance on gated SE imaging. *J Comput Assist Tomogr* 1993; 18:250-255.
11. **Chung JW**, Park JH, Han JK, Han MC. Perforation of gastroduodenal artery induced by steerable guidewires in two cases: treatment with hemorrhage by embolization. *Cardiovasc Intervent Radiol* 1994; 17:41-43.



12. Park JH, **Chung JW**, Han JK, Han MC. Interventional management of benign obstruction of the hepatic inferior vena cava. *J Vasc Interv Radiol* 1994; 5:403-409.
13. Im J-G, Kim WH, Han MC, Han YM, **Chung JW**, Ahn JM, Do YS. Sclerosing hemangiomas of the lung and interlobar fissures: CT findings. *J Comput Assist Tomogr* 1994;18:34-38.
14. Choi BI, Shin YM, **Chung JW**, Kim SH, Park JH, Han MC. MR findings of hepatic cavernous hemangioma after intraarterial infusion of iodized oil. *Abdom Imaging* 1994;19:507-511.
15. Park JH, Kim SH, Han JK, **Chung JW**, Han MC. Transcatheter arterial embolization of unresectable renal cell carcinoma with a mixture of ethanol and iodized oil. *Cardiovasc Intervent Radiol* 1994; 17:323-327.
16. Kim JH, **Chung JW**, Han JK, Park JH, Choi BI, Han MC. Transcatheter arterial embolization of the internal mammary artery in hepatocellular carcinoma. *J Vasc Interv Radiol* 1995; 6:71-77.
17. Yoon DY, Park JH, **Chung JW**, Han JK, Han MC. Iatrogenic dissection of the celiac artery and its branches during transcatheter arterial embolization for hepatocellular carcinoma: outcome in 40 patients. *Cardiovasc Intervent Radiol* 1995; 18:16-19.
18. Park JH, **Chung JW**, Im J-G, Kim SK, Park YB, Han MC. Takayasu arteritis: evaluation of mural changes in the aorta and pulmonary artery with CT angiography. *Radiology* 1995; 196:89-93.
19. **Chung JW**, Park JH, Han JK, Choi BI, Han MC. Hepatocellular carcinoma and portal vein invasion: results of treatment with transcatheter oily chemoembolization. *AJR Am J Roentgenol* 1995; 165:315-321.
20. Lee HK, Kim IO, Kim WS, **Chung JW**, Yeon KM. Stenosis of the inferior vena cava caused by a traumatic diaphragmatic hernia: case report. *Pediatr Radiol* 1995;25:S175-177.
21. **Chung JW**, Park JH, Han JK, Choi BI, Han MC, Lee H-S, Kim CY. Transcatheter oily chemoembolization of hepatic tumors: complications and their predisposing factors. *Radiology* 1996; 198:33-40
22. Kim SH, Cho SH, Kim HD, **Chung JW**, Park JH, Han MC. Nutcracker syndrome: diagnosis with Doppler US. *Radiology* 1996; 198:93-97.



23. Choi BI, Shin YM, Han JK, **Chung JW**, Park JH, Han MC. Focal hepatic nodules after transcatheter oily chemoembolization: detection with spiral CT versus conventional CT. *Abdom Imaging* 1996; 21:33-36.
24. Sim JS, Choi BI, Han JK, Chung MJ, **Chung JW**, Park JH, Han MC. Helical CT anatomy of pancreatic arteries. *Abdom Imaging* 1996; 21:517-521.
25. Han JK, Choi BI, **Chung JW**, Park JH, Han MC. Cholecystocholedochostomy with use of a self-expandable metallic stent: treatment method for nonfunctioning cholecystojejunostomy. *J Vasc Interv Radiol* 1996; 7:757-760.
26. Choi BI, Kim TK, Han JK, **Chung JW**, Park JH, Han MC. Power versus conventional color Doppler sonography: comparison in the depiction of vasculature in liver tumors. *Radiology* 1996; 200:55-58.
27. Park JH, **Chung JW**, Choo IW, Kim SJ, Lee JY, Han MC. Fenestrated stent-grafts for preserving visceral arterial branches in the treatment of abdominal aortic aneurysms: preliminary experience. *J Vasc Interv Radiol* 1996; 7:819-823.
28. Moon WK, Choi BI, Han JK, Kim SH, **Chung JW**, Park JH, Han MC. Iodized-oil retention with hepatic hemangioma: characteristics on iodized-oil CT. *Abdom Imaging* 1996; 21:420-426.
29. **Chung JW**, Park JH, Im J-G, Chung MJ, Han MC, Ahn H. Spiral CT angiography of the thoracic aorta. *Radiographics* 1996; 16:811-824.
30. Kim TK, Han JK, **Chung JW**, Choi BI, Park JH, Han MC. Intraperitoneal drop metastases from hepatocellular carcinoma: CT and angiographic findings. *J Comput Assist Tomogr* 1996; 20:638-642.
31. Park HS, Im J-G, **Chung JW**, Yeon KM. Anomalous left pulmonary artery with complete cartilaginous ring. *J Comput Assist Tomogr* 1997; 21:478-480.
32. Chung MJ, Choi BI, Han JK, **Chung JW**, Han MC, Bae SH. Functioning islet cell tumor of the pancreas: localization with dynamic spiral CT. *Acta Radiologica* 1997; 38:135-138.
33. Park JH, **Chung JW**, Cho YK, Kim SH, Ahn H, Oh BH. Percutaneous fenestration of aortic dissection: salvage of an ischemic solitary left kidney. *Cardiovasc Intervent Radiol* 1997; 20:146-148.
34. Park JH, **Chung JW**, Lee KW, Park YB, Han MC. CT angiography of Takayasu arteritis: comparison with conventional angiography. *J Vasc Interv Radiol* 1997; 8:393-400.



35. Lee H-S, Kim JS, Choi IJ, **Chung JW**, Park JH, Kim CY. The safety and efficacy of transcatheter arterial chemoembolization in the treatment of patients with hepatocellular carcinoma and main portal vein obstruction: a prospective controlled study. *Cancer* 1997; 79:2087-2094.
36. Lee JY, **Chung JW**, Kim SH, Cho SW, Park JH. Proximal ureter obstruction caused by a lower polar renal artery: demonstration with spiral CT angiography. *J Comput Assist Tomogr* 1997; 21:641-642.
37. Han BK, Im J-G, **Chung JW**, Chung MJ, Yeon KM. Pericaval fat collection that mimics thrombosis of the inferior vena cava: demonstration with use of multi-directional reformation CT. *Radiology* 1997; 203:105-108.
38. Yi SW, Kim YH, Kwon IC, **Chung JW**, Park JH, Choi YW, Jeong SY. Stable lipiodolized emulsions for hepatoma targeting and treatment by transcatheter arterial chemoembolization. *Journal of Controlled Release* 1998; 50:135-143.
39. Seo JB, **Chung JW**, Park JH, Kim SH, Kim TK, Han JK, Choi BI, Han MC. Benign obstruction of the hepatic inferior vena cava complicated by hepatocellular carcinoma. *AJR Am J Roentgenol* 1998;170:655-659
40. Lee H, Kim TS, **Chung JW**, Han JK, Kim SH, Park JH. Renal angiomyolipoma: embolotherapy with a mixture of alcohol and iodized oil. *J Vasc Interv Radiol* 1998;9:255-261
41. **Chung JW**, Park JH, Han JK, Choi BI, Kim TK, Han MC. Transcatheter oily chemoembolization of the inferior phrenic artery in hepatocellular carcinoma: the safety and potential therapeutic role. *J Vasc Interv Radiol* 1998;9:495-500
42. Kim TS, **Chung JW**, Park JH, Kim SH, Yeon KM, Han MC. Renal artery evaluation: comparison of spiral CT angiography to intra-arterial DSA. *J Vasc Interv Radiol* 1998;9:553-559
43. **Chung JW**. Transcatheter arterial chemoembolization of hepatocellular carcinoma. *Hepato-Gastroenterology* 1998; 45:1236-1241.
44. Kim TS, Park JH, Lee Y, **Chung JW**, Han MC. An experimental study on thrombogenicity of various metallic microcoils with or without thrombogenic coatings. *Invest Radiol* 1998; 33:407-410
45. Kim TK, Choi BI, Han JK, **Chung JW**, Park JH, Han MC. Nontumorous arterioportal shunt mimicking hypervascular tumor in cirrhotic liver: two-phase spiral CT findings. *Radiology* 1998; 208:597-603



46. Kim SH, **Chung JW**, Im J-G, Choi YW, Choe YH, Han MC. Subaortic left innominate vein: radiologic findings and consideration of embryogenesis. *J Thoracic Imaging* 1999; 14:142-146
47. Goo JM, Im J-G, Ahn JM, Moon WK, **Chung JW**, Park JH, Seo JB, Han MC. Right paratracheal air cysts in the thoracic inlet: clinical and radiologic significance. *AJR Am J Roentgenol* 1999; 173:65-70
48. Choi BI, **Chung JW**, Itai Y, Matsui O, Han JK, Han MC. Hepatic abnormalities related to blood flow: evaluation with dual-phase helical CT. *Abdom Imaging* 1999; 24:340-356
49. Lee KW, Park JH, **Chung JW**, Kim WS, Lee W, Yeon KM. Short-term effects of a new intravascular nitinol stent in canine arteries. *Invest Radiol* 1999; 34:367-373
50. Kim TK, **Chung JW**, Han JK, Kim AY, Park JH, Choi BI. Hepatic changes in benign obstruction of the hepatic inferior vena cava: CT findings. *AJR Am J Roentgenol* 1999; 173:1235-1242
51. Lee SC, **Chung JW**, Kim K-H, Kim W-K. Successful transumbilical embolization of congenitally ruptured hepatoblastoma. *J Pediatr Surg* 1999; 34:1851-1852
52. Kim IO, Cheon JE, Kim WS, **Chung JW**, Yeon KM, Yoo SJ, Seo JK. Congenital intrahepatic portosystemic venous shunt: treatment with coil embolization. *Pediatr Radiol* 2000; 30:336-338
53. Ha HK, Lee SH, Rha SE, Kim JH, Byun JY, Lim HK, **Chung JW**, Kim JG, Kim PN, Lee MG, Auh YH. Radiologic features of vasculitis involving the gastrointestinal tract. *Radiographics* 2000; 20:779-94
54. Lee KH, Park JH, **Chung JW**, Han JK, Shin SJ, Kang HS. Vascular complications in lumbar spinal surgery: percutaneous endovascular treatment. *Cardiovasc Intervent Radiol* 2000; 23:65-69
55. **Chung JW**, Elkins C, Sakai T, Kato N, Vestring T, Semba CP, Slonim SM, Dake MD. True-lumen collapse in aortic dissection: part II. Evaluation of treatment methods in phantoms with pulsatile flow. *Radiology* 2000; 214:99-106
56. **Chung JW**, Elkins C, Sakai T, Kato N, Vestring T, Semba CP, Slonim SM, Dake MD. True-lumen collapse in aortic dissection: part I. Evaluation of causative factors in phantoms with pulsatile flow. *Radiology* 2000; 214:87-98

57. Seo JB, Im J-G, **Chung JW**, Song JW, Goo JM, Park JH, Yeon KM. Pulmonary vasculitis: the spectrum of radiological findings. *Br J Radiol* 2000; 73:1224-1231
58. Sohn DW, **Chung JW**, Oh BH, Lee MM, Park YB, Choi YS, Lee YW. Should ascending aortic intramural hematoma be treated surgically? *Am J Cardiol* 2001; 87:1024-1027
59. Song SY, **Chung JW**, Han JK, Lim HG, Koh YW, Park JH, Lee HS, Kim CY. Liver abscess after transcatheter oily chemoembolization for hepatic tumors: incidence, predisposing factors, and clinical outcome. *J Vasc Intervent Radiol* 2001; 12:313-320
60. Park SH, **Chung JW**, Lee JW, Han MH, Park JH. Carotid artery involvement in Takayasu's arteritis. *J Ultrasound Med* 2001; 20:371-378
61. Do KH, Goo JM, Im JG, Kim KW, **Chung JW**, Park JH. Systemic arterial supply to the lungs in adults: spiral CT findings. *Radiographics* 2001; 21:387-402
62. Park CM, **Chung JW**, Kim HB, Shin SJ, Park JH. Celiac axis stenosis: incidence and etiologies in asymptomatic individuals. *Korean J Radiol* 2001; 2:8-13
63. Kwak BK, Shim HJ, Park ES, Kim SA, Choi D, Lim HK, Park CK, **Chung JW**, Park JH. Correlation between vascular endothelial growth factor level and degree of enhancement by multiphase contrast-enhanced computed tomography. *Invest Radiol* 2001; 36: 487-492
64. Park JH, **Chung JW**, Joh JH, Song SY, Shin SJ, Chung KS, Lee DY, Won JY, Kim SJ. Aortic and arterial aneurysms in Behcet's disease: management with stent-grafts: initial experience. *Radiology* 2001; 220:745-750
65. Hong JH, Bahk YW, Suh JS, Kwak BK, Shim HJ, Kim JS, Kim HS, Moon YH, Kim SJ, **Chung JW**, Park JH. An experimental model of ischemia in rabbit hindlimb. *J Korean Med Sci* 2001 Oct;16(5):630-5
66. Yoo JH, Lee CT, Shim YS, **Chung JW**, Ahn H, Kim KW. Aortobronchial fistula presenting as recurrent hemoptysis and successfully treated with an endovascular stent graft. *Respiration* 2001; 68:537-539
67. Yoon CJ, **Chung JW**, Park JH, Hong SH, Song SY, Lim HG, Lee YS. A newly designed nitinol stent: early clinical experience in the treatment of iliac artery stenoses and occlusions. *Korean J Radiol* 2001; 2:145-150
68. Lee Y-S, Jeong JM, Kim YJ, **Chung JW**, Park JH, Suh Y-G, Lee DS, Chung J-K, Lee MC. Synthesis of 188Re-labelled long chain alkyl diaminedithiol for therapy of liver cancer. *Nuclear Medicine Communications*, 2002; 23:237-242

69. Seong CK, Kim YJ, **Chung JW**, Kim SH, Han JK, Kim HB, Park JH. Tubular foreign body or stent: safe retrieval or repositioning using coaxial snare technique. Korean J Radiol 2002; 3:30-37
70. Kim SH, Jeong JY, Kim YI, Choi YH, **Chung JW**, Hyung Park J. SCVIR 2002 Film Panel case 3: aortic occlusion secondary to intimal sarcoma. J Vasc Interv Radiol. 2002 May;13(5):537-41.
71. Yoon CJ, **Chung JW**, Kim HB, Lee JW, Park JH. A new nitinol monofilament stent: early experience with use for transjugularintrahepatic portosystemic shunts. Cardiovasc Intervent Radiol. 2002 May-Jun;25(3):200-4.
72. Song SY, **Chung JW**, Kwon JW, Joh JH, Shin SJ, Kim HB, Park JH. Collateral pathways in patients with celiac axis stenosis: angiographic-spiralCT correlation. Radiographics. 2002 Jul-Aug;22(4):881-93.
73. Kwon JW, **Chung JW**, Song SY, Lim HG, Myung JS, Choi YH, Park JH. Transcatheter arterial chemoembolization for hepatocellular carcinomas inpatients with celiac axis occlusion. J Vasc Interv Radiol. 2002 Jul;13(7):689-94.
74. Lee W, **Chung JW**, Kim HB, Kim SH, Lee JW, Han JK, Choi BI, Park JH. Acute hepatic vein occlusion: spiral CT findings in an experimental study. Abdom Imaging. 2002 Sep-Oct;27(5):527-35.
75. Choi BY, **Chung JW**, Park JH, Kim KH, Kim YI, Koh YH, Kwon JW, Lee KH, ChoiHJ, Kim TW, Kim YJ, Chung H, Kwon IC, Jeong SY. Gene Delivery to the Rat Liver Using Cationic Lipid Emulsion/DNA Complex: Comparison between Intra-arterial, Intraportal and Intravenous Administration. Korean J Radiol. 2002 Jul-Sep;3(3):194-8.
76. Lee Y-S, Jeong JM, Kim YJ, **Chung JW**, Park JH, Suh Y-G, Lee DS, Chung J-K, Lee MC. Synthesis of 188Re-labelled long chain alkyl diaminedithiol for therapy of liver cancer. Nuclear Medicine Communications, 2002; 23:237-242.
77. Lee HS, Kim KM, Yoon JH, Lee TR, Suh KS, Lee KU, **Chung JW**, Park JH, Kim CY. Therapeutic efficacy of transcatheter arterial chemoembolization as compared with hepatic resection in hepatocellular carcinoma patients with compensated liver function in a hepatitis B virus-endemic area: a prospective cohort study. J Clin Oncol. 2002 Nov 15;20(22):4459-65.
78. Kim HC, Kim AY, Han JK, **Chung JW**, Lee JY, Park JH, Choi BI. Hepatic arterial and portal venous phase helical CT in patients treated with transcatheter arterial chemoembolization for hepatocellular carcinoma: added value of unenhanced images. Radiology. 2002 Dec;225(3):773-80.

79. So YH, **Chung JW**, Park JH. Balloon fenestration of iatrogenic celiac artery dissection. *J Vasc Interv Radiol.* 2003 Apr;14(4):493-6.
80. Kim SH, Han JK, Lee KH, **Chung JW**, Yang HK, Choi BI. Computed tomography gastrography with volume-rendering technique: correlation with double-contrast barium study and conventional gastroscopy. *J Comput Assist Tomogr.* 2003 Mar-Apr;27(2):140-9.
81. **Chung JW**, Jeong HJ, Joh JH, Park JS, Jun JK, Kim SH. Percutaneous transcatheter angiographic embolization in the management of obstetric hemorrhage. *J Reprod Med.* 2003 Apr;48(4):268-76.
82. Choi YH, Yoon CJ, Park JH, **Chung JW**, Kwon JW, Choi GM. Balloon-occluded retrograde transvenous obliteration for gastric variceal bleeding: its feasibility compared with transjugular intrahepatic portosystemic shunt. *Korean J Radiol.* 2003 Apr-Jun;4(2):109-16.
83. Choi SH, **Chung JW**, Lee HS. Hepatocellular carcinoma supplied by portal flow after repeated transcatheter arterial chemoembolization. *AJR Am J Roentgenol.* 2003 Sep;181(3):889-90.
84. Yoon CJ, **Chung JW**, Park JH, Yoon YH, Lee JW, Jeong SY, Chung H. Transcatheter Arterial Chemoembolization with Paclitaxel-Lipiodol Solution in Rabbit VX2 Liver Tumor. *Radiology.* 2003 Oct;229(1):126-31.
85. Kim HC, **Chung JW**, Park JH, Yin YH, Park SH, Yoon CJ, Choi YH. Role of CT Venography in the Diagnosis and Treatment of Benign Thoracic Central Venous Obstruction. *Korean J Radiol.* 2003 Jul-Sep;4(3):146-52.
86. Paeng JC, Jeong JM, Yoon CJ, Lee YS, Suh YG, **Chung JW**, Park JH, Chung JK, Son M, Lee MC. Lipiodol solution of 188Re-HDD as a new therapeutic agent for transhepatic arterial embolization in liver cancer: preclinical study in a rabbit liver cancer model. *J Nucl Med.* 2003 Dec;44(12):2033-8.
87. Kim HC, **Chung JW**, Yoon CJ, Lee W, Jae HJ, Kim YI, Park JH. Collateral pathways in thoracic central venous obstruction: three-dimensional display using direct spiral computed venography. *J Comput Assist Tomogr* 2004 Jan 48;(1):224-228.
88. **Chung JW**, Yoon CJ, Jung SI, Kim HC, Lee W, Kim YI, Jae HJ, Park JH. Acute iliofemoral deep vein thrombosis: evaluation of underlying anatomic abnormalities by spiral computed tomographic venography. *J Vasc Interv Radiol* 2004 Mar;15(3):249-56.

89. Lee W, Kim HS, Kim SJ, Kim HH, **Chung JW**, Kang HS, Hong SH, Choi JY. CT arthrography and virtual arthroscopy in the diagnosis of the anterior cruciate ligament and meniscal abnormalities of the knee joint. *Korean J Radiol.* 2004 Jan-Mar;5(1):47-54.
90. Kim HC, **Chung JW**, Park SH, Kim HB, Jae HJ, Lee W, Park JH. Systemic-to-pulmonary venous shunt in superior vena cava obstruction: depiction on computed tomography venography. *Acta Radiol* 2004 May;45(3):269-274.
91. Yoon CJ, **Chung JW**, Park JH, Kim YI, Lee KH, Jeong JM, Paeng JC. Transcatheter arterial embolization with 188Rhenium-HDD labeled iodized oil in rabbit VX2 liver tumor. *J Vasc Interv Radiol* 2004 Oct;15(10):1121-1128.
92. Gwak GY, Yoon JH, Kim KM, Lee HS, **Chung JW**, Gores GJ. Hypoxia stimulates proliferation of human hepatoma cells through the induction of hexokinase II expression. *J Hepatol* 2004 Mar;42(3):358-364.
93. **Chung JW**, Choi D. Radiological intervention of hepatocellular carcinoma. *Korean J Gastroenterol* 2005;45:258-270
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