

CURRICULUM VITAE (as of August 25, 2024)

I. Biographical Data

Jung-Eun Cheon

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Current cell-phone: 010-6380-6475

Present rank: Professor

Department: Radiology

Institution: Seoul National University College of Medicine

Seoul National University Hospital and Institute of Radiation Medicine

Medical License No: 49251 (certified by Ministry of Public Health and Social Affairs, Seoul, Korea)

Board Certificate No: 1242

II. Academic Records

Graduate: Seoul National University College of Medicine (1987.3-1993.2)

Postgraduate: MS, Graduate School of Medicine, Seoul National University (1999.2)

Thesis: Sonography of acute osteomyelitis in rabbits with pathologic correlation

(advisor: Prof. Heung Sik Kang)

PhD, Graduate School of Medicine, Seoul National University

2001.2 Ph.D., Seoul National University, Seoul, Korea

Thesis: Imaging findings after fat graft interposition in an injured growth plate: an experimental study in rabbits (advisor: Prof. In-One Kim)

Residency: Department of Radiology, Seoul National University (1994.3-1998.2)

Fellowship: Pediatric Radiology, Seoul National University Children's Hospital (1998.3-2000.2)

1998.3 Radiology board certified by Korean Radiological Society (License No. 1242), Seoul, Korea

III. Professional Appointments

2000.3-2001.2: Radiologist-in-Chief, Chung-Mu General Hospital, Seoul, Korea.

2001.3-2005.3: Director, Neurorimaging and Pediatric imaging,
Seoul Municipal Boramae Hospital, Seoul, Korea

2001.3- 2002.2: Visiting Instructor in Radiology (Neuroradiology and Pediatric Radiology),
Seoul National University Hospital, Seoul, Korea

2002.5-2005.3: Assistant Professor in Radiology (Neuroradiology),
Seoul National University College of Medicine, Seoul, Korea

2005.4.-2011.8: Clinical Professor in Radiology (Pediatric Radiology),
Seoul National University Hospital, Seoul, Korea

2011.9-2017.8: Associate Professor in Radiology (Pediatric Radiology),
Seoul National University College of Medicine

2017.9-Present: Professor in Radiology (Pediatric Radiology),
Seoul National University College of Medicine

IV. Professional Activities

1998.3-present: Active member, Korean Radiological Society

2001.3-present: Active member, Korean Society of Ultrasound in Medicine

2005.11-2009.8 Deputy editor of Korean Journal of Radiology

2005.4-2006.7: Secretary in Scientific Exhibition, Organizing Committee of the 2006
Meeting of World Federation for Ultrasound in Medicine and Biology(WFUMB).

2006.10 -2008.10: Secretary of Organizing Committee of the 2008 Asian Oceanian Society
of Radiology (AOCR)

2008.9.1-2018.8: SNUH IRB board member

2012.3-2014.8: Secretary of Korean Society of Pediatric Radiology

2014.8-2016.7: Secretary General in Department of Radiology, Seoul National University
Hospital

2016.8-Present: Deputy Editor of Ultrasonography (Official Journal of Korean Society of
Ultrasound in Medicine)

2018.6-2019.9 Chair of Scientific Committee, Asian Oceanian Society of Pediatric Radiology
(AOSPR) 2019

2019.6-present: Chair of Scientific Committee, Korean Society of Ultrasound in Medicine

2019.06-2021.05 Chair of public relationship, Seoul National University Hospital

2022.6-present Editor-in-Chief of Ultrasonography

2024.2-present Treasurer of Korean Academy of Medical Science

IV. Awards

1. AFSUMB 2004 Young Investigative Award

Title: "Ultrasonographic diagnosis of biliary atresia: measurement of hepatic artery diameter." May 2004, AFSUMB (Asian Federation of Societies for Ultrasound in Medicine and Biology) 2004, Utsunomiya, Japan

2. WFUMB 2006 Young Investigative Award: Grand Prize

Title: "Practical ultrasonographic approach in differential diagnosis of biliary atresia and neonatal hepatitis." May 2006, WFUMB (World Federation of Ultrasound in Medicine and Biology) 2006, Seoul, Korea

3. Best Scientific Poster: Silver Prize

Title: "Inborn errors of metabolism: neuroimaging features." October 2007, KRS (Korean Radiological Society) annual meeting, Seoul, Korea

4. Best Scientific Paper: Grand Prize

Title: "Osteoid osteoma in skeletally immature patients." October 2007, KRS (Korean Radiological Society) annual meeting, Seoul, Korea

5. Best Scientific Poster: Bronze Prize

Title: "Ectopic thymic tissue rests in the neck: ultrasonography and MR features." May 2008, Korean Society of Ultrasound in Medicine annual meeting, Seoul, Korea

6. Honorable mention in Scientific Poster: "Inborn errors of metabolism: neuroimaging features." April 2008, SPR annual meeting, Scottsdale, Arizona

7. Best Scientific Poster: Bronze Prize

Title: "Where is the hotspot: Imaging evaluation for focal cortical dysplasia in childhood epilepsy", September 2016, KCR 2016.

8. Cum Laude Scientific Poster

Title: "Association of glymphatic system alteration at diffusion-tensor MRI and cognitive outcomes in early school age children born with extremely low birth weight and exposed to systemic inflammation in critical period.", January 2024, ASPNR annual meeting, San Diego, California, USA

V. Academic Activities

Representative Publications (1st author or corresponding author)

1. Cheon JE, Kim JH. Congenital Intracranial Vascular Malformations in Children : Radiological Overview. J Korean Neurosurg Soc. 2024 May;67(3):270-279.
2. Kim SW, Cheon JE, Choi YH, Hwang JY, Shin SM, Cho YJ, Lee S, Lee SB. Feasibility of a deep learning artificial intelligence model for the diagnosis of pediatric ileocolic intussusception with grayscale ultrasonography. Ultrasonography. 2024 Jan;43(1):57-67.
3. Cheon JE, Kim JH. Imaging of Abusive Head Trauma: A Radiologists' Perspective. J Korean Neurosurg Soc. 2022 May;65(3):397-407.
4. Cheon JE, Kim JY, Choi YH, Kim WS, Cho TJ, Yoo WJ. MRI risk factors for development of avascular necrosis after closed reduction of developmental dysplasia of the hip: Predictive value of contrast-enhanced MRI. PLoS One. 2021 Mar 18;16(3):e0248701.
5. Oh J, Cheon JE, Park J, Choi YH, Cho YJ, Lee S, Oh SH, Shin SM, Park SW. Cochlear duct length and cochlear distance on preoperative CT: imaging markers for estimating insertion depth angle of cochlear implant electrode. Eur Radiol 2021;31:1260-1267
6. Lee SM, Cheon JE, Choi YH, Kim IO, Kim WS, Cho HH, Lee JY, Wang KC. Limited dorsal myeloschisis and congenital dermal sinus: comparison of clinical and MR Imaging features. AJNR Am J Neuroradiol. 2017;38:176-182
7. Kim JE, Cheon JE, Kim IO, Choi YH, Kim WS. Growing cyst-like white matter lesions in children with neurofibromatosis type 1. Pediatr Neurol. 2017;77:84-88
8. Cho HH, Cheon JE, Kim SK, Choi YH, Kim IO, Kim WS, Lee SM, You SK, Shin SM. Quantitative assessment of neovascularization after indirect bypass surgery: color-coded digital subtraction angiography in pediatric moyamoya disease. AJNR Am J Neuroradiol. 2016;37:932-938
9. Cheon JE, Yang HJ, Chung YN, Park SB. Pyogenic Intradural abscess of lumbar spine: a case report. Korean J Neurotrauma 2015;11:18-21
10. Cheon JE. Quantitative digital subtraction angiography in pediatric moyamoya disease. J Korean Neurosurg Soc. 2015;57:432-435
11. Cheon JE. Intraoperative neurosonography revisited: effective neuronavigation in pediatric neurosurgery. Ultrasonography. 2015;34:79-87

12. Yun TJ, Cheon JE, Na DG, Kim WS, Kim IO, Chang KH, Yeon KM, Song IC, Wang KC. Childhood moyamoya disease: quantitative evaluation of perfusion MR imaging-- correlation with clinical outcome after revascularization surgery. *Radiology* 2009;251:216-223
13. Choi HK, Cheon JE, Kim IO, Kim WS, Yeon KM. Central skull base lymphoma in children: MR and CT features. *Pediatr Radiol*: 2008;38:863-867
14. An SB, Cheon JE, Kim IO, Kim WS, Ahn HS, Shin HY, Kang HJ, Yeon KM. Granulocytic sarcoma presenting with necrotic cervical lymph nodes as an initial manifestation of childhood leukaemia: imaging features. *Pediatr Radiol* 2008;38:685-687
15. Cheon JE. Ultrasonography of the spinal canal in newborns and infants. *J Korean Soc Med Ultrasound* 2005;24:49-54 Korean
16. Cheon JE, Kim IO, Hwang YS, Kim KJ, Wang KC, Cho BK, Chi JG, Kim CJ, Kim WS, Yeon KM. Leukodystrophy in children: a pictorial review of MR imaging features. *Radiographics* 2002;22:461-476
17. Cheon JE, Kim JE, Yang HJ. CT and pathologic findings of a case of subdural osteoma. *Korean J Radiol* 2002;3:211-213
18. Cheon JE, Kim IO, Kim WS, Hwang YS, Wang KC, Yeon KM. MR diagnosis of cerebellar infarction due to vertebral artery dissection in children. *Pediatr Radiol* 2001;31:163-166
19. Cheon J-E, Chang K-H, Kim HD, Han MH, Hong SH, Seong SO, Kim I-O, Lee SK, Hwang YS, Kim H-J. MR of hippocampal sclerosis: comparison of qualitative and quantitative assessment. *AJNR Am J Neuroradiol* 1998; 19: 465-468
20. Cheon JE, Kim IO, Kim WS, Choi YS, Han SW, Yeon KM, Han MC. Imaging findings of pediatric oligodendroglioma. *J Korean Radiol Soc* 1997; 37:361-366
21. Cheon JE, Chang K-H, Won HJ, Cho JY, Yu IK, Han MH, Kim I-O, Lee SK, Lee MC, Kim H-J. Magnetic resonance imaging findings in temporal lobe epilepsy. *Int J Neuroradiol* 1997;3:199-205