

CURRICULUM VITAE

Name Hee-Joon Bae, M.D.
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Department of Neurology
Seoul National University College of Medicine
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QUALIFICATIONS

February 28, 1989	Medical doctor (38814)
March 16, 1998	Neurologist qualification (451)
March 1, 2009	Professional qualification for Critical care medicine (498)

EDUCATION

Ph.D. (March 2000 – August 2003)
- Department of Preventive Medicine, Korea University College of Medicine, Seoul, KOREA
M.S. (March 1998 – February 2000)
- Department of Neurology, Seoul National University College of Medicine, Seoul, KOREA
M.D. (March 1985 – February 1989)
- Seoul National University, College of Medicine, Seoul, KOREA

POSTGRADUATE TRAINING AND FELLOWSHIP

- Research Fellowship for Cerebrovascular Disease, Department of Neurology, Seoul National University Hospital, Seoul, Korea (March 1998 – February 1999)
- Postdoc Fellow, Center for Stroke Research, Department of Neurology & Rehabilitation, University of Illinois at Chicago, Chicago, US (May 2004 – April 2005)

ACADEMIC POSITIONS

Professor, Department of Neurology, College of Medicine, Seoul National University (August 2012 –

present)

Professor, Department of Neurology, Seoul National University Bundang Hospital (August 2012 – present)

Associate Professor, Department of Neurology, College of Medicine, Seoul National University (September 2007 – August 2012)

Associate Professor, Department of Neurology, Seoul National University Bundang Hospital (March 2006 – August 2012)

Assistant Professor, Department of Neurology, Eulji University School of Medicine (March 2002 – February 2006)

Full-time Instructor, Department of Neurology, Eulji University School of Medicine (March 1999 – February 2000)

CLINICAL EXPERIENCES

Chief Director, Department of Neurology, Seoul National University Bundang Hospital (July 2016 – Present).

Head of the Regional Cardiocerebrovascular Center, Seoul National University Bundang Hospital (July 2016 – Present)

Head of the Gyeonggi Regional Cerebrovascular Center, Seoul National University Bundang Hospital (2013 – Present)

Director, Stroke Center, Seoul National University Bundang Hospital (March 2006 – Present)

Head of the Regional Cerebrovascular Center, Gyeonggi-do (March 2013 – Present)

Chief Director, Department of Neurology, Eulji General Hospital, Seoul, Korea (May 2005 – February 2006)

Senior chief director Department of Neurology, Eulji General Hospital, Seoul, Korea (March 1999– April 2004)

Clinical Fellowship, Department of Neurology, Seoul National University Hospital, Seoul, Korea (March 1998 – February 1999)

Residency, Department of Neurology, Seoul National University Hospital, Seoul, Korea (March 1994 – February 1998)

Internship, Seoul National University Hospital, Seoul, Korea (May 1992 – February 1993)

PROFESSIONAL AFFILIATIONS

- Korean Neurological Association since 1995
- American Academy of Neurology since 1996
- The Korean Society for Clinical Neurophysiology since 1997
- American Heart Association Stroke Council since 1998

- The Korean Stroke Society since 1998
- The Korean Headache Society since 2000
- The Korean Research Group for Evidence-Based Medicine since 2001
- The Korean Dementia Association since 2002
- The Korean Geriatrics Society since 2002
- Hypertension and Vascular Dysfunction since 2008
-

ADMINISTRATIVE POSITIONS & SERVICES FOR ACADEMIC SOCIETIES

- Secretary of the Publicity Committee, the Korean Stroke Society (2000– 2004)
- Council member of the Korean Headache Society (2000– 2010)
- Executive Secretary of Institutional Review Board, Eulji General Hospital (November 2001–April 2004)
- Consultant of Korean Health Industry Development Institute for developing Korean Diagnosis Related Group (KDRG) (2001– 2003)
- Vice-chairman of the DRG committee, the Korean Neurological Association (2001– April 2004)
- Director of Information, the Korean Dementia Association (2002– 2004)
- Editorial Board, the Korean Geriatrics Society (2002–2004)
- Director of Information, the Korean Stroke Society (May 2005–February 2008)
- Director of publicity, the Korean Stroke Society (March 2008– February 2010)
- Editorial Board of the Korean Stroke Society (May 2005–February 2012)
- The Member of Institutional Review Board, Seoul National University Bundang Hospital (March 2007 – February 2010)
- Advisory Board for evaluating the appropriateness of stroke care in Korea, Health Insurance Review & Assessment Service (May 2006–April 2013)
- TFT Promotion Committee of the Cardiocerebrovascular Center In National University Bundang Hospital (June 2006– April 2010)
- Member fo the Working Committee of the National Strategy & Action Plan for Cardio–Cerebrovascular Disease, the Korean Centers for Disease Control and Prevention (September 2006– present)
- Member of the Research and Development Committee for Clinical Practice Guideline, the Korean Academy of Medical Science, (August 2007– March 2009)
- Member of Scientific Committee, Korean Neurological Association (March 2008– February 2010)
- Member of Publicity Committee for Comprehensive Countermeasures against Cardio–Cerebrovascular Disease (March 2008– February 2010)

- Member of Expert Committee, National Evidence-based Healthcare Collaborating Agency (March 2009 – present)
- Executive Secretary of Institutional Review Board, Seoul National University Bundang Hospital (September 2008– March 2009)
- Member of the Hanging Committee for Equipment and Facilities of Cardio-cerebrovascular Disease, the Korean Centers for Disease Control and Prevention (January 2009–December 2012)
- Member of the Executive Committee for Clinical Practice Guideline, the Korean Academy of Medical Science, (April 2009–March 2012)
- Director of General Affairs, the Korean Stroke Society (March 2010– February 2012)
- Steering Member of the Organizing Committee, World Stroke Conference, 2010 (January 2010–December 2010)
- Member of the Organizing Committee, the 5th Japanese–Korean Joint Stroke Conference (January 2011– January 2012)
- Director of Policy, the Korean Stroke Society (March 2012– Present)
- Director of International Affairs, the Korean Society of Geriatric Neurology (March 2010– Feb 2012)
- Director at large, the Korean Society of Geriatric Neurology (March 2012– December 2012)
- Member of the establishing committee for Health Plan 2020, the MINISTRY OF HEALTH & WELFARE (March 2010– February 2011)
- Neurology Advisory Board of the Health Insurance Review Agency (March 2010–February 2015)
- Lancet Neurology Korean edition the editorial board (2007–July 2016)
- Lancet, Korean edition the editorial board(2010–July 2016)
- Promoting foreign policy office committee of Seoul National University Bundang Hospital (2010 – December 2012)
- A member of Task Force to develop a research roadmap to overcome cardiocerebrovascular disease in Korea (KCDC) (December 2011– April 2012)
- Emergency Medical System Improvement council and members of working TF committee (August 2012–December 2012)
- Gyeonggi-do Emergency Medical council members (July 2013–November 2015)
- Planning Committee, the Korean Neurological Association (March 2014–February 2016)
- Chairman, The Epidemiology Research Council of the Korean Stroke Society (May 2015–Present)
- Director of Policy, the Korean Neurological Association (March 2016 – Present)
- Chair of Clinical Practice Guideline Committee, the Korean Stroke Society (March 2016–Present)

- Health Insurance Review and Assessment Acute Stroke committee members (Aug 2017- Present)
- Head of Central Support Group, Cardio-vascular disease management, Public Health and Medical Services (March 2020-Dec 2020)

BIBLIOGRAPHY

BOOK

1. Hee-Joon Bae. Pathogenesis, Classification, and Epidemiology. In: Kwang-Woo Lee. Textbook of Neurology. 1st ed. Seoul: Panmun Books. 2005: 195-200
2. Hee-Joon Bae. Treatment of vascular dementia. In: Korean Dementia Association. Dementia: A clinical approach. 1st ed. Seoul: Academia. 2006: 411-425
3. Hee-Joon Bae. Stroke. 3rd term life Tutorial Series. The flow of time and physical health. Seoul: Seoul National University Press. 2008: 87-106
4. Hee-Joon Bae. Brain and nervous system. In: The Korean Society of Hypertension. Textbook of hypertension. 1st ed. Seoul: Korean medical book. 2009 may: 153-163
5. Hee-Joon Bae. Setting the scope and purpose of treatment guidelines. In: MINISTRY FOR HEALTH, WELFARE AND FAMILY AFFALRS AND KAMS. Guidance in the development of treatment guidelines. KAMS. 2009.11: 23-32
6. Hee-Joon Bae. Internal and external review and approval. In: MINISTRY FOR HEALTH, WELFARE AND FAMILY AFFALRS AND KAMS. Guidance in the development of treatment guidelines. KAMS. 2009.11: 157-164
7. Hee-Joon Bae. Epidemiology of Stroke. In: The Korean Stroke Society. Stroke.1st ed. Seoul:E PUBLIC.2009:39-45
8. Hee-Joon Bae. Epidemiology of Stroke. J Korean Neurol Assoc. 2014.08, 298-302

PUBLISHED ARTICLES (in English)

1. DW Kang, SH Lee, HJ Bae, MH Han, BW Yoon, JK Roh. Acute bilateral cerebellar infarcts in the territory of posterior inferior cerebellar artery. *Neurology* 2000 Aug;55(4):582-4.
2. Hee-Joon Bae, Yong-Seok Lee, Dong-Wha Kang, Ja-Seong Gu, Byung-Woo Yoon, Jae-Kyu Roh. Neuroprotective Effect of Low Dose Riluzole in Gerbil Model of Transient Global Ischemia. *Neurosci Lett.* 2000 Nov 10;294(1):29-32
3. Byung-Woo Yoon, Hee-Joon Bae, Dong-Wha Kang, Seung-Hoon Lee, Keun-Sik Hong, Ki-Bong Kim, Byung Joo Park, Jae-Kyu Roh. Intracranial cerebral artery disease as a Risk factor for Central nervous system Complications of Coronary artery Bypass graft surgery. *Stroke.* 2001 Jan;32(1):94-9.
4. Dong-Eog Kim, Hee-Joon Bae, Seung-Hoon Lee, Ho Kim, Byung-Woo Yoon, Jae-Kyu Roh. Gradient-Gradient echo magnetic resonance imaging in the prediction of hemorrhagic vs ischemic stroke: A need for the consideration of the extent of leukoariosisecho MRI in the Prediction of Hemorrhagic vs. Ischemic stroke: a Need for the Consideration of the Extent of Leukoaraiosis. *ARCHIVES OF NEUROLOGY. Arch Neurol.* 2002 Mar;59(3):425-9.
5. Seung-Hoon Lee, Hee-Joon Bae, Byung-Woo Yoon, Ho Kim, Dong-Eog Kim, Jae-Kyu Roh. Low Concentration of Serum Total Cholesterol Is Associated With Multifocal Signal Loss Lesions on Gradient-Echo Magnetic Resonance Imaging: Analysis of Risk Factors for Multifocal Signal Loss Lesions. *Stroke.* 2002 Dec;33(12):2845-9.
6. Keun-Hwa Jung, Kon Chu, Sang-Wuk Jeong, Hee-Kwon Park, Hee-Joon Bae, Byung-Woo Yoon. Cerebral cavernous malformations with dynamic and progressive course: Correlation study with vascular endothelial growth factor. *Arch Neurol.* 2003 Nov;60(11):1613-8
7. S.H. Lee, H.J. Bae, S.J. Kwon, H. Kim, Y.H. Kim, B.W. Yoon, J.K. Roh. Cerebral microbleeds are regionally associated with intracerebral hemorrhage. *Neurology.* 2004 Jan 13;62(1):72-6.
8. S-H Lee, H-J Bae, S-B Ko, H Kim, B-W Yoon, J-K Roh. Comparative analysis of the spatial distribution and severity of cerebral microbleeds and old lacunes. *Arch Neurol.* 2004 Jun;61(6):905-9.
9. SW Jeong, KH Jung, K Chu, HJ Bae, SH Lee, JK Roh. Clinical and radiologic differences between primary intracerebral hemorrhage with and without microbleeds on gradient-echo magnetic resonance images. *Arch Neurol.* 2004 Jun;61(6):905-909.
10. Sun U. Kwon, Yong-Jin Cho, Ja-Seong Koo, Hee-Joon Bae, Yong-Seok Lee, Keun-Sik Hong, Jun Hong Lee, and Jong S. Kim. Cilostazol Prevents the Progression of the Symptomatic Intracranial Arterial Stenosis: The Multicenter Double-Blind Placebo-Controlled Trial of Cilostazol in Symptomatic Intracranial Arterial Stenosis. *Stroke.* 2005 Apr;36(4):782-6Bae

11. HJ, Pandey DK. Treatment of vascular dementia: evidence from epidemiologic studies. *Curr Treat Options Cardiovasc Med.* 2005 Jul;7(3):219–225
12. Bae HJ, Yoon DS, Lee J, Kim BK, Koo JS, Kwon O, Park JM. In-hospital medical complications and long-term mortality after ischemic stroke. *Stroke.* 2005 Nov;36(11):2441–5
13. M. Kim, H. J. Bae, J. Lee, L. Kang, S. Lee, S. Kim, J. E. Lee, K. M. Lee, B. W. Yoon, O. Kwon, J. S. Koo, and B. K. Kim. APOE ϵ 2/ ϵ 4 polymorphism and cerebral microbleeds on gradient-echoMRI *Neurology.* 2005 Nov 8;65(9):1474–5.
14. Bae, HJ, Yoon BW, Kang DW, Koo JS, Lee SH, Kim KB, Lee J, Roh JK. Correlation of Coronary and Cerebral Atherosclerosis: Difference between Extracranial and Intracranial Arteries. *Cerebrovasc Dis.* 2006;21(1–2):112–9
15. Yoon BW, Bae HJ, Hong KS, Lee SM, Park BJ, Yu KH, Han MK, Lee YS, Chung DK, Park JM, Jeong SW, Lee BC, Cho KH, Kim JS, Lee SH, Yoo KM, Phenylpropanolamine Contained in Cold Remedies and Risk of Hemorrhagic Stroke. *Neurology.* 2007 Jan 9;68(2):146–9.
16. Hee-Joon Bae, Juneyoung Lee, Jong-Moo Park, Ohyun Kwon, Ja-Seong Koo, Byung-Kun Kim, Dilip K. Pandey – Risk Factors of Intracranial Cerebral Atherosclerosis among Asymptomatics. *Cerebrovasc Dis.* 2007;24(4):355–60
17. Moon-Ku Han , Sung Hyun Kim, Sang-Bae Ko, Nam-Jong Piak, O-Ki Kwon, Yong-Seok Lee, Chang-Wan Oh, Jae Hyoung Kim, Seong-Ho Park, Hee-Joon Bae – Combined Intravenous and Intraarterial Revascularization Therapahy Using MRI Perfusion/Diffusion Mismatch Selection for Acute Ischemic Stroke at 3–6h after Symptom Onset . *Neurocrit Care.* 2008;8(3):353–9.
18. A-Hyun Cho, Sung-Il Sohn, Moon-Ku Han, Deok Hee Lee Jong S Kim, Choong Gon Choi, Chul-Ho Sohn, Sun U. Kwon, Dae Chul Suh, Sang Joon Kim, Hee-Joon Bae, Dong-Wha Kang. Safety and Efficacy of MRI-Based Thrombolysis in Unclear-Onset Stroke. *Cerebrovasc Dis.* 2008;25(6):572–9
19. Philip B. Gorelick, MD, MPH; Ka Sing Wong, MD; Hee Jun Bae, MD, PhD; Dilip K. Pandey, MD, PhD. Large Artery Intracranial Occlusive Disease A Large Worldwide Burden but a Relatively Neglected Frontier. *Stroke.* 2008 Aug;39(8):2396–9.
20. Sang-Bae Ko.MD, Hee-Joon Bae. MD, Phd, Seong-Ho Park, MD, Phd ; Multiple punctate Intracerebral Hemorrhages in Acute Leukemia with Escherichia coli Sepsis, *Arch Neurol.* 2008 Aug;65(8):1128–9.
21. Sung Won Youn, Jae Hyoung Kim, Yuoung-Cheol weon, Sung Hyun Kim, Moon-Ku Han, Hee-Joon Bae; Perfusion CT of the brain using 40-mm-Wide Detector and Toggling Table Technique for Initial Imaging of Acute Stroke. *AJR Am J Roentgenol.* 2008 Sep;191(3):W120–6.
22. K-S Hong, D-W Kang, J-S Koo, K-H Yu, M-K Han, Y-J Con, J-M Park, H-J Bae and B-C Lee;

- Impact of neurological and medical complications on 3-month outcomes in acute ischaemic stroke; Eur J Neurol. 2008 Dec;15(12):1324-31
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 24. K.-S. Hong, D.-W. Kang, H.-J. Bae, Y. K. Kim, M.-K. Han, J.-M. Park, J.-H. Rha, Y.-S. Lee, J.-S. Koo, Y.-J. Cho, S. U. Kwon, S. E. Kim, S.-H. Park. Effect of cilnidipine vs losartan on cerebral blood flow in hypertensive patients with a history of ischemic stroke: a randomized controlled trial. Acta Neurol Scand. 2010 Jan;121(1):51-7
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 28. Youngchai Ko, Jung-Hyun Park, Mi Hwa Yang, Sang-Bae Ko, Sang Il Choi, Eun Ju Chun, Moon-Ku Han, Hee-Joon Bae. Significance of aortic atherosclerotic disease in possibly embolic stroke: 64-multidetector row computed tomography study. J Neurol. 2010 May;257(5):699-705
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 32. Kwang Nam Jin, Eun Ju Chun, Sang Il Choi, Sung Min Ko, Moon-Ku Han, Hee-Joon Bae, Jae Hyung Park. Cardioembolic Origin in Patients with Embolic Stroke: Spectrum of Imaging Findings on Cardiac MDCT. AJR Am J Roentgenol. 2010 Jul;195(1):W38-44.

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35. Youngchai Ko, Jung Hyun Park, Mi Hwa Yang, Sang-Bae Ko, Moon-Ku Han, Chang Wan Oh, JiSung Lee, Juneyoung Lee, Hee-Joon Bae. The Significance of Blood Pressure Variability for the Development of Hemorrhagic Transformation in Acute Ischemic Stroke. *Stroke* 2010 Nov;41:2512-2518
36. Sang Hyung Lee, Chang Wan Oh, Jung Ho Han, Chae-Yong Kim, O-Ki Kwon, Young-Je Son, Hee-Joon Bae, Moon-Ku Han, Young Seob Chung. The effect of brain atrophy on outcome after a large cerebral infarction. *J Neurol Neurosurg Psychiatry*. 2010 Dec;81(12):1316-21.
37. Sung-Chul Jin, O-ki Kwon, Chang Wan Oh, Cheolkyu Jung, Moo Gu Han, Hee-Joon Bae, Sang Hyung Lee, Young Sub Jung, Moo Hee Han, Hyun-Seung Kang. A Technical Strategy for Carotid Artery Stenting: Suboptimal Pre-stent Balloon Angioplasty Without Post-stenting Balloon Dilatation. *Neurosurgery*. 2010 Nov;67(5):1438-42
38. Hae-Ri Na, SangYun Kim, Seong-Hye Choi, Dong-Won Yang, Hee-Joon Bae, Jung-Eun Kim, Mee-Young Park, Yong-Soo Shim, Byung-Kun Kim, Jae-Cheol Kwon, Bong-Goo Yoo, Byeong-Chae Kim, Jung-Seok Lee. Donepezil treatment in Alzheimer's disease patients with and without cerebrovascular Lesions : A preliminary report. *Geriatr Gerontol Int*. 2011 Jan;11(1):90-7.
39. Gyojun Hwang, Chang Wan Oh, Jae Seung Bang, Cheol Kyu Jung, O-Ki Kwon, MD, Jeong Eun Kim, Hee-Jun Bae, Moon-Koo Han. Superficial Temporal Artery to Middle Cerebral Artery Bypass in Acute Ischemic Stroke and Stroke in Progress. *Neurosurgery*. 2011 Mar;68(3):723-9
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45. Kunsei Lee, Hyeongsu Kim, Jae-Hyeok Heo, Hee-Joon Bae, Im-Seok Koh, and Sounghoon Chang. Application of Magnetic Resonance Imaging and Magnetic Resonance Angiography as Diagnostic Measures for the First Attack of Suspected Cerebrovascular Disease in Korea. *Yonsei Med* 2011 sep;52(5):727-733
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49. Yeonyee E. Yoon, Hyuk-Jae Chang, Iksung Cho, Ki-Hyun Jeon, Eun-Ju Chun, Sang-il Choi , Hee-Jun Bae, Juan J. Rivera, Khurram Nasir, Roger S. Blumenthal, Tae-Hwan Lim. Incidence of subclinical coronary atherosclerosis in patients with suspected embolic stroke using cardiac computed Tomography, *Int J Cardiovasc Imaging*. 2011 Oct;27(7):1035-44

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51. Young Seo Kim, Sang-Soon Park, Hee-Joon Bae, Ji Hoe Hoe, Sun U.Kwon, Byung-Chul Lee, Seung-Hoon Lee, Chang Wan Oh, Byung-Woo Yoon. Public Awareness of Stroke in Korea A Population-Based National Survey. 2012 Apr;43(4):1146-9.
52. Youngchai Ko, Wook-Joo Kim, Myung Suk Jang; Mi Hwa Yang; Jung Hyun Park, Sang Il Choi, Eun Ju Chun, Soo Joo Lee, Moon-Ku Han, Hee-Joon Bae. Is Aortic Atherothrombotic Disease Detected Using Multidetector-Row CT Associated With an Increased Risk of Early Ischemic Lesion Recurrence After Acute Ischemic Stroke? *Stroke* 2012 Mar;43(3):764-9.
53. Beom Joon Kim, Mi-Yong Oh, Myung Suk Jang, Moon-Ku Han, Jisung Lee, Juneyoung Lee, Yeonwwok Kang, Kyung-Ho Yu, Byung-Chul Lee, Sangyun Kim, Byung-Woo Yoon, Hee-Joon Bae. Medial Temporal Atrophy and Memory Dysfunction in Poststroke Cognitive Impairment-No Dementia. 2012 Mar;8(1):43-50
54. Dong-Eog Kim, MD; Jeong-Yeon Kim, MS; Sang-Wuk Jeong, MD; Yong-Jin Cho, MD; Jong-Moo Park, MD; Ju-Hun Lee, MD; Dong-Wha Kang, MD; Kyung-Ho Yu, MD; Hee-Joon Bae, MD; Keun-Sik Hong, MD; Ja-Seong Koo, MD; Seung-Hoon Lee, MD; Byung-Chul Lee, MD; Moon-Ku Han, MD; Joung-Ho Rha, MD; Yong-Seok Lee, MD; Gyeong-Moon Kim, MD; Seok-Lae Chae, MD; Jong S. Kim, MD; Sun U. Kwon, MD. Association Between Changes in Lipid Profiles and Progression of Symptomatic Intracranial Atherosclerotic Stenosis A Prospective Multicenter Study. *Stroke*. 2012 Jul;43(7):1824-30
55. Dong-Wha Kang, Moon-Ku Han, Hye-Jin Kim, Sung-Cheol Yun, Sang-Beom Jeon, Hee-Joon Bae, Sun U. Kwon, Jong S. Kim. New ischemic lesions coexisting with acute intracerebral hemorrhage. *Neurology*. 2012 Aug 28;79(9):848-55.
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57. Dong-Wha Kang, MD*; Sung-Il Sohn, MD*; Keun-Sik Hong, MD; Kyung-Ho Yu, MD; Yang-Ha Hwang, MD; Moon-Ku Han, MD; Jun Lee, MD; Jong-Moo Park, MD; A-Hyun Cho, MD; Hye-Jin Kim, MD; Dong-Eog Kim, MD; Yong-Jin Cho, MD; Jaseong Koo, MD; Sung-Cheol Yun, PhD; Sun U. Kwon, MD; Hee-Joon Bae, MD; Jong S. Kim, MD. Reperfusion Therapy in Unclear-Onset Stroke Based on MRI Evaluation (RESTORE) A Prospective Multicenter Study. *Stroke*. 2012 Dec;43(12):3278-83
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