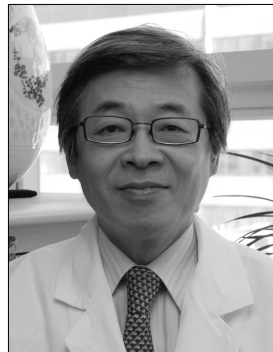


Dedication: The Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition Celebrates the Retirement of Professor Jeong Kee Seo

Prof. Dr. Jeong Kee Seo



Dr. Jeong Kee Seo, the tenured Professor of Pediatrics and a former president of APPSPGHAN (Asian Pan-Pacific Society of Pediatric Gastroenterology, Hepatology and Nutrition), recently retired from Seoul National University Children's Hospital in February, 2014. He graduated from Seoul National University College of Medicine in 1973, and completed his pediatric residency program at Seoul National University Hospital in 1978. He started his long-term pioneering career as a pediatric gastroenterologist and hepatologist in 1981 at Seoul National University Children's Hospital. He has performed more than 20,000 cases of endoscopic procedures including therapeutic endoscopy such as colonoscopic polypectomy, percutaneous endoscopic gastrostomy, gastrointestinal foreign body retrieval and endoscopic variceal ligation. He was the very first one in Korea who built up the field of pediatric gastroenterology, hepatology and nutrition with founding the training center for the pediatric endoscopy. His passion for educa-

tion resulted in numerous pediatric gastroenterology and hepatology specialists in Korean academic field, and most of the current Korean pediatric gastroenterologists and hepatologists were produced from his center at Seoul National University Children's Hospital which was the only training center for pediatric endoscopy until recently.

Dr. Seo completed his fellowship at the Children's Hospital, Harvard University. And he introduced new gastrointestinal (GI) procedures and clinical regimens to the care of Korean children with gastrointestinal and liver diseases since early 1980s. Percutaneous liver biopsy using a Menghini needle, pediatric colonoscopy with polypectomy, endoscopic variceal ligation, gastrointestinal manometry, impedance/pH monitoring reflux tests for prematurity and young children, and breath hydrogen test for lactose intolerance were introduced for the first time to the Korean pediatrics by him. In 1988, through co-working with surgical teams, he also made a great

contribution to the first success in Korea of liver transplantation, which was performed for his patient with Wilson disease.

He worked with great enthusiasm to develop and to build up Korean Pediatric Gastroenterology, Hepatology and Nutrition nationally, as well as internationally. He has worked as an executive council member of APPSPGHAN since the foundation for about 20 years representing KSPGHAN (Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition). He led the Asian Pan Pacific Society as president of the APPSPGHAN for 3 years, and as Congress Chairman, he successfully led the 11th International Congress of APPSPGHAN which was held in Seoul in 2009. He also actively worked with international academic groups such as FISPGHAN (Federation of International Society of Pediatric Gastroenterology, Hepatology and Nutrition) as invited speaker, as chairperson of academic symposium and also as representative of Asian Pan Pacific group in the World Congresses which were held every 4 years; firstly in Boston in 2000, nextly in Paris in 2004, in Brazil in 2008 and recently in Taiwan in 2012. And as president of the Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition, he was devoted to building up and advancing the society as a competent academ-

ic group among international academic societies. He also led Korean endoscopic society as president of the Korean Society of Gastrointestinal Endoscopy.

Dr. Seo has published over 300 peer reviewed articles and he has written many book chapters. His research interests included pediatric therapeutic endoscopy, inflammatory bowel disease, *Helicobacter pylori* infection, and genetic/metabolic pediatric liver diseases including Wilson disease and Alagille syndrome. Specialized pediatric GI/Liver clinics were founded by him for children suffering from these chronic and intractable diseases.

He has, without a doubt, been a great clinician, researcher, educator, and leader for pediatric gastroenterology and hepatology until his retirement from Seoul National University this year. Most of all, his loving care and sincere devotion for children has been beloved so much by his patients and their parents. He was a doctor who always focused on and cared for each patient, not just for diseases.

As written in *The Road Not Taken*, a beautiful poem by Robert L. Frost, Dr. Seo chose to take a new way that nobody chose to at that time. And he made a road for the doctors of the next generation and for children and parents in pain.

He will be remained as a great mentor and leader to all of us.

Profile of Professor Jeong Kee Seo

(Department of Pediatrics, Seoul National University College of Medicine, Seoul, Korea)

Personal information

Address: 902, (Shinjeong-dong, CJ Riverhill APT) 47, Shinsu-ro 3-gil, Mapo-gu, Seoul 121-140, Korea

Date of birth: January 19th, 1949

License · Qualification

1973	Medical License, Korea
1973	ECFMG, USA
1978	Board Certification, Korean Pediatric Association
2006	Board Certification, Korean Society of Gastrointestinal Endoscopy
2007	Board Certification, Pediatric Gastroenterology, Hepatology and Nutrition

Educational background

1967	Graduated from Kyunggi High School
1973	Bachelor of Medicine, Seoul National University
1976	Master's degree, Seoul National University
1984	Ph.D., Seoul National University
1973-1978	Internship and pediatric residency, Seoul National University Hospital
1984-1986	Fellowship, Combined Program, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Children's Hospital, Boston, USA

Career

1981-1994	Instructor, Assistant Professor and Associate Professor Department of Pediatrics, Seoul National University College of Medicine Chief, Division of Pediatric Gastroenterology, Hepatology and Nutrition
1993. 12-1994. 2	Visiting Professor, Pediatric Liver Center, King's College Hospital, London, UK
1994-present	Tenured Professor of Pediatrics, College of Medicine, Seoul National University
2001-2003	President, Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition
2004-2005	Chairman, Department of Pediatrics, College of Medicine, Seoul National University
2005-2006	Vice President, Korean Society of Gastroenterology
2007-2008	President, Korean Society of Gastrointestinal Endoscopy
2009. 9	Congress President, the 11th Seoul Congress of Asian Pan Pacific Society of Pediatric Gastroenterology, Hepatology and Nutrition
2009-2012	President, Asian Pan Pacific Society of Pediatric Gastroenterology, Hepatology and Nutrition

Society & activity

1981-present	Member and Councilor, The Korean Pediatric Society
1993-present	Member and Councilor, The Korean Society of Neurogastroenterology and Motility
1997-present	Member and Councilor, Korean College of <i>Helicobacter</i> and Upper Gastrointestinal Research

1997-present	Member and Councilor, Korean Association for the Study of the Liver
1999-present	Member and Councilor, Korean Association for the Study of Intestinal Diseases
1995-1997	Treasurer, Korean Society of Neurogastroenterology and Motility
2000	Working Group on "Peptic Ulcer Disease and <i>H. pylori</i> ", Representative of Asian Pan Pacific Region, the 1st World Congress of Pediatric Gastroenterology, Hepatology and Nutrition
2004-present	Member, National Academy of Medicine of Korea
2008	Working Group on "Refractory Inflammatory Bowel Disease", Representative of Asian Pan Pacific Region, the 3rd World Congress of Pediatric Gastroenterology, Hepatology and Nutrition
2012	As President of APPSPGHAN, in charge of International Endoscopic Speakers/Endoscopy Topics Selection, Endoscopy Program, the 4th World Congress of Pediatric Gastroenterology, Hepatology and Nutrition
2012	Working Group, on "Pediatric Endoscopy", Representative of Asian Pan Pacific Region, the 4th World Congress of Pediatric Gastroenterology, Hepatology and Nutrition
1994-present	Councilor, Executive Committee of APPSPGHAN (Asian Pan Pacific Society of Pediatric Gastroenterology, Hepatology and Nutrition)

Overseas Academic Activity in International Congresses and Meetings: Invited Lectures and Symposium Talks on Subspecialty Topics

- 1) Diagnostic and Therapeutic Endoscopy: The APPSPGHAN Congress in Taipei (1997), The APPSPGHAN Workshop in Sri Lanka (1998), The Annual Meeting of Japanese Society of Pediatrics in Wakayama (2000), The World Congress of Gastroenterology in Bangkok (2002), The 2nd World Congress of Pediatric Gastroenterology, Hepatology and Nutrition in Paris (2004), The APPSPGHAN Congress in Malaysia (2005)
- 2) *Helicobacter pylori* gastritis: The APPSPGHAN workshop in Sri Lanka (1998), The Japanese Consensus Meeting on Diagnosis and Management for *H. pylori* infection in Kobe (1999), The APPSPGHAN Congress in Singapore (1999), Saitama Children's Hospital Seminar (2000), Japan Pediatric Congress in Wakayama (2000), Japanese Congress of Pediatric Gastroenterology and Nutrition in Tokorozawa (2000), Japan-Korea Joint meeting on *H. pylori* in Jeju (2001), The 2nd International Symposium of Pediatric Gastroenterology, Hepatology and Nutrition in Montreal (2001), Korea-Japan Joint meeting on *H. pylori* infection in Nikko (2002), The World Congress of Gastroenterology in Bangkok (2002), The Asian Congress of Pediatrics in Bangkok (2003), The APPSPGHAN Congress in Malaysia (2005), Korea-Japan-China Joint meeting on *H. pylori* in Sanya, China (2006), Pediatric Grand Round lecture of Hong Kong National University (2007)
- 3) Wilson disease: The Asian Congress of Pediatrics in Taipei (2000), The annual meeting of the Taiwan Society of Pediatric Gastroenterology, Hepatology and Nutrition in Taipei (2006), Invited Lectures of the Hong Kong Medical Genetics Society (2007), Asian Pacific Association for the Study of Liver in Seoul (2008), The 3rd World Congress of Pediatric Gastroenterology, Hepatology and Nutrition in Brazil (2008), The APPSPGHAN Congress in Seoul (2009)

Publication

Articles

Clinical research (recent 3 years, 2011-2014)

1. Very early-onset inflammatory bowel disease (IBD) in infancy is a different disease entity from adult-onset IBD; one form of interleukin-10 receptor mutations (J Hum Genet 2014)
2. Molecular analysis of the UGT1A1 gene in Korean patients with Crigler-Najjar syndrome type II (Pediatr Gastroenterol Hepatol Nutr 2014)
3. Long term outcomes of pediatric liver transplantation according to age (J Korean Med Sci 2014)
4. A mutation analysis of the AGL gene in Korean patients with glycogen storage disease type III (J Hum Genet 2014)
5. Interleukin-10 receptor mutations in children with neonatal-onset Crohn's disease and intractable ulcerating enterocolitis (Eur J Gastroenterol Hepatol 2013)
6. Correlations of plasma citrulline levels with the clinical score, endoscopic score, blood markers according to small bowel involvement in pediatric Crohn's disease (J Pediatr Gastroenterol Nutr 2013)
7. Congenital chloride diarrhea in Korean children: novel mutations and genetic characteristics (Eur J Pediatr 2013)
8. Genetically confirmed Wilson disease in a 9-month old boy with elevations of aminotransferases (World J Hepatol 2013)
9. Long-term outcomes of endoscopic variceal ligation to prevent rebleeding in children with esophageal varices (J Korean Med Sci 2013)
10. Worldwide strategy for implementation of pediatric endoscopy: report of the FISPGHAN Working Group (J Pediatr Gastroenterol Nutr 2012)
11. Diagnosis of Wilson disease in young children: molecular genetic testing and a paradigm shift from the laboratory diagnosis (Pediatr Gastroenterol Hepatol Nutr 2012)
12. Impedance-pH monitoring and conventional pH monitoring are complementary methods to detect association between gastroesophageal reflux and apnea-related symptoms in preterm infants and neonates (J Matern Fetal Neonatal Med 2012)
13. Nutritional zinc status in weaning infants: association with iron deficiency, age, and growth profile (Biol Trace Elem Res 2012)
14. Noninvasive parameters and hepatic fibrosis scores in children with nonalcoholic fatty liver disease (World J Gastroenterol 2012)
15. Pediatric liver transplantation for fibropolycystic liver disease (Pediatr Transplant 2012)
16. Clinical features of congenital portosystemic shunt in children (Eur J Pediatr 2012)
17. Heterogeneous spectrum of CFTR gene mutations in Korean patients with cystic fibrosis (Korean J Lab Med 2011)
18. Orthopaedic manifestations of arthrogryposis-renal dysfunction-cholestasis syndrome (J Pediatr Orthop 2011)
19. Pyrosequencing-based molecular monitoring of the intestinal bacterial colonization in preterm infants (J Pediatr Gastroenterol Nutr 2011)

Animal research

1. Development of intestinal host defense: an increased sensitivity in the adenylate cyclase response to cholera toxin in suckling rats (Pediatr Res 1989)

2. Biliary IgA content following common duct cannulation in the rat (Adv Exp Med Biol 1987)

And 280 more articles on Pediatric Gastroenterology, Hepatology and Nutrition were published in Korean and international journals.

Books

1. Hong Chang Yee Textbook, Pediatrics, 10th edition (Chapter: Gastroenterology, Hepatology and Nutrition), MiraeN Publishing Co., 2012, Associate editor of GI section
2. Fluid therapy, The 1st, 2nd, and 3rd edition (Chapter: Total Parenteral Nutrition), Korea Medical Publishing Co., 2001, 2005, 2012, Associate editor of GI section
3. Nutritional Support for Children, Daehan Medical Book Co., 2012, Editor and Joint authorship
4. Kim Jeong Yong Textbook, Disease of Digestive System ('Wilson Disease'), 1st, 2nd, and 3rd edition, Iljogag Pub. Co., 2000, 2005, 2011, Joint authorship
5. Pediatric Gastrointestinal Endoscopy Textbook and Atlas, B.C. Decker, 2006, Associate Editor
6. Pediatric Gastroenterology 2004, Report from the 2nd World Congress of Pediatric Gastroenterology, Hepatology and Nutrition ('Endoscopic Treatment and Prophylaxis of Variceal Bleeding'), MEDIMOND S.R.L. Bologna, Italy, 2004, Joint authorship
7. Guideline booklet of Diagnostic Gastrointestinal Endoscopy ('Gastrointestinal Endoscopy in Infants and Children'), Korean Society of Gastrointestinal Endoscopy, 2003, Joint authorship
8. Constipation ('Constipation in Children'), Korean Society of Neurogastroenterology and Motility, 2004, Joint authorship
9. Guideline booklet of Therapeutic Gastrointestinal Endoscopy ('Foreign body retrieval'), Korean Society of Gastrointestinal Endoscopy, 2004, Joint authorship
10. Practical Guidance in Pediatric Gastroenterology, Hepatology and Nutrition ('Chronic Intestinal Pseudo-obstruction' and '*Helicobacter pylori* Infection in Children'), the 4th Teaching Workshop, APPSPGHAN, Bangkok, 2002, Joint authorship
11. *H. pylori*; Basic Research and Clinical Practice ('*Helicobacter pylori* Infection in Children; Different Features from the Adult Infection'), Korean *Helicobacter pylori* Research Society, 2001, Joint authorship
12. Report of the Working Groups ('*H. Pylori* Infection in Children and Adolescents') of the 1st World Congress of Pediatric Gastroenterology, Hepatology and Nutrition in Boston, 2000, Joint authorship
13. Seminars in Gastrointestinal Endoscopy ('Pediatric Gastrointestinal Endoscopy'), Korean Gastrointestinal Endoscopy, 2000, Joint authorship
14. Infant Nutrition ('Advantages of Breast Milk Feeding'), Korean Pediatric Society, 2000, Joint authorship
15. Frontiers in Gastrointestinal Motility Disorder ('Intestinal Pseudo-obstruction in Children'), The Korea Publishing Co., 1999, Joint authorship
16. Hepatitis ('Prevention of Hepatitis B Infection'), The Korean Society of Gastroenterology, 1996, Joint authorship
17. Vaccination ('Hepatitis B Vaccination'), Jeongmoon Medical Publishing Co., 1991, Joint authorship
18. Diarrhea ('Postenteritis Diarrhea'), The Korean Medical Association, Yomoongak Publishing Co., 1986, Joint authorship

And 10 more books on Pediatric Gastroenterology, Hepatology and Nutrition were published.

Names of Trainees for the Pediatric Gastroenterology, Hepatology, and Nutrition Fellowship/Endoscopy Education Program at Seoul National University Children's Hospital

Present location (city)	Names of trainee	Trainee year
Seoul	Jeong Wan Seo, M.D.	1989
	Yong Joo Kim, M.D.	1990
	Cheol Ho Chang, M.D.	1991
	Kyung Mo Kim, M.D.	1993
	Ha Joo Choi, M.D.	1994
	Nam-Seon Beck, M.D.	1994
	Hyeong Sim Jang, M.D.	1994
	Yon Ho Choe, M.D.	1995
	Jae Sung Ko, M.D.	1997
	Sun Hwan Bae, M.D.	1998
	Ju Young Chung, M.D.	1998
	Ju Young Chang, M.D.	1999
	Eon Woo Shin, M.D.	2000
	Ji A Jung, M.D.	2000
	Jin Soo Moon, M.D.	2001
	Jeong Eun Kim, M.D.	2001
	Byoung Chan Kim, M.D.	2004
	Dae-Lim Chung, M.D.	2005
	Sung Soo Lee, M.D.	2005
	Jung Ok Shim, M.D.	2006
	Jee-Youn Shin, M.D.	2007
	Ky Young Cho, M.D.	2008
	Sang Hee Cho, M.D.	2009
	Misun Lim, M.D.	2011
	Dae Yong Yi, M.D.	2012
	Hyo-Jeong Jang, M.D.	2013
	Daegu	Jin-Bok Hwang, M.D.
Byung-Ho Choe, M.D.		1996
Geun Soo Park, M.D.		1996
Kwang Hae Choi, M.D.		1997
Kyung-Hun Lee, M.D.		2002
Won Joung Choi, M.D.		2005
Incheon	Hann Tchah, M.D.	1989
	Beom Soo Park, M.D.	1991
	Soon Yeong Kim, M.D.	1994
	Eell Ryoo, M.D.	1999
	You Jeong Kim, M.D.	2003
Busan	YongWoon Baek, M.D.	1996
	Hye Kyung Chung, M.D.	1996
	Kyoung Hwa Lee, M.D.	2004
	Soon Yoe, M.D.	2008
	Myung Chul Lee, M.D.	2012

Present location (city)	Name	Year of the training
Goyang	So Young Na, M.D.	2004
	Jae Joon Han, M.D.	2007
	Eun Hye Lee, M.D.	2011
Jinju	Hee-Shang Youn, M.D.	1994
	Ji Sook Park, M.D.	2006
Gwangju	Kyung Rye Moon, M.D.	1991
	Kyung Dan Choi, M.D.	2000
Chungju	Jay Gun Sim, M.D.	1992
	Jung Hwa Lee, M.D.	2007
Daejeon	Jae Young Kim, M.D.	1997
	Myung Seok Shin, M.D.	2010
Bundang	Hye Ran Yang, M.D.	2002
	Su Jin Jeong, M.D.	2002
Cheonan	Sung Kil Kang, M.D.	2005
	Kun Song Lee, M.D.	2007
Cheongju	Ho Jun Lee, M.D.	2008
	So Jung Noh, M.D.	2009
Jeonju	So Hee Jin, M.D.	2010
	Soon Chul Kim, M.D.	2011
Bucheon	Jae Ock Park, M.D.	1995
Jeju	Ki Soo Kang, M.D.	2004
Buyeo	Jung Min Yoon, M.D.	2008
Chuncheon	Jeana Hong, M.D.	2009
Pohang	Myung Jin Kim, M.D.	2009
Yongin	Jin Ho Bae, M.D.	2010

List of Students under the Mentorship of Professor Seo in Seoul National University Graduate School, the Pediatric Gastroenterology, Hepatology, and Nutrition Course

List of Doctoral Degree		
Name	Thesis	Year of degree
Kyung Mo Kim	Histopathology and expression of cyclooxygenase-2, Ki-67 and p27kip ¹ in childhood <i>Helicobacter pylori</i> gastritis and genotypes of <i>Helicobacter pylori</i>	2001
Jae Sung Ko	Analysis of cag pathogenicity island, <i>vacA</i> and <i>iceA</i> genotype of <i>Helicobacter pylori</i> in Korean children	2001
Soon Yeong Kim	The effect of TNF- α blockade on adenoviral-mediated gene expression in hepatocyte	2001
Sun Hwan Bae	A study on haplotype analysis and founder effect at R778L mutation of ATP7B gene in Korean patients with Wilson disease	2007

List of Doctoral Degree

Name	Thesis	Year of degree
Jin Soo Moon	JAG1 mutation analysis and the whole genomic screening using microarray-based comparative genomic hybridization in Korean children with alagille syndrome	2007
Hye Ran Yang	Germline mutation analysis of STK11 gene using direct sequencing and multiplex ligation-dependent probe amplification assay in Korean children with Peutz-Jeghers syndrome	2008
Ju Young Chang	Pyrosequencing based molecular monitoring of the intestinal bacterial colonization in Korean preterm infants	2009
So Young Na	Genetic polymorphisms in autophagy associated genes and early-onset Crohn disease susceptibility in Korean children	2013
Jung Ok Shim	Mutations of the interleukin-10 signaling pathway genes in Korean children with inflammatory bowel disease	2013

List of Master's Degree

Name	Thesis	Year of degree
Sang Ook Nam	Correlation of obesity index, biochemical, histological, radiological study in obese children with fatty liver change	1996
Nam-Seon Beck	Anorectal manometry in idiopathic constipation in children	1997
Seon Young Lee	Comparision of accuracy of diagnostic tests of <i>Helicobacter pylori</i> infection in children	1997
Hi Soo Rhee	Histologic analysis of the <i>Helicobacter pylori</i> gastritis in children using updated sydney system	1998
Sun Hwan Bae	Evaluation of the rectoanal function in children using profilometry and conventional rectoanal manometry	2000
Ju Young Chang	Evaluation of endoscopic and histological change of gastritis related to <i>Helicobacter pylori</i> eradication in children	2000
Jin Soo Moon	Effect analysis of <i>Helicobacter</i> eradication therapy on the dianostic accuracy of the antral endoscopic biopsy	2001
Hye Ran Yang	Diagnostic accuracy of the ¹³ C-urea breath test in children: adjustment of cutoff value according to age	2003
Byoung Chan Kim	A nationwide research on pediatric Wilson disease in Korea	2004
Hyeon Jeong Kim	A study on the anti-HBs antibody positivity and prevention effects to the hepatitis B virus infection at 10 years after hepatitis B vaccination in infancy	2004
So Young Na	Predictors of HBeAg loss and YMDD mutation during lamivudine treatment for chronic hepatitis B in Korean children	2005
Jung Ok Shim	<i>Helicobacter pylori</i> reinfection rate by a ¹³ C-urea breath test and endoscopic biopsy tests in Korean children	2006

List of Master's Degree

Name	Thesis	Year of degree
Sung Soo Lee	Mutations in hepatitis B virus precore, core promoter and "a" determinant in children with chronic hepatitis B virus infection	2006
Jee-Youn Shin	The copper content of hair, 24 hour urine copper and serum free copper in the monitoring of Wilson disease	2008
Jeana Hong	Mutational analysis of SLC26A3 gene and clinical characteristics in Korean children with congenital chloride diarrhea	2010

Jin Soo Moon, M.D.

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Hepatology and Nutrition,
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