

Curriculum Vitae

Name : **Jae Sung Ko**

Present position : Professor, Department of Pediatrics,
Division of Pediatric Gastroenterology and Nutrition
Seoul National University Children's Hospital,
Seoul National University College of Medicine,

Education :

1989 Seoul National University College of Medicine M.D.
2000 Seoul National University College of Medicine, ph.D.

Training and Appointments :

1990-1994 Resident in Pediatrics, Seoul National University Children's Hospital
1997-1999 Fellow, Division of Pediatric gastroenterology and Nutrition
Seoul National University Children's Hospital
1999- 2012 Assistant and Associate Professor, Seoul National University College of Medicine
2012 - Professor, Seoul National University College of Medicine
2002-2004 Research fellow, Pediatric Gastroenterology and Nutrition
Massachusetts General Hospital
2011 Visiting Scholar, Intestinal transplantation program,
Lucile Packard Children's Hospital at Stanford
2016 Visiting Scholar, Harvard School of Public Health

Memberships and Major Committee Assignments in Professional Societies :

2005-2009 Secretary General, Korean Society of Pediatric Gastroenterology and Nutrition
2016-2018 Director of Scientific Committee, Korean Society of Pediatric Gastroenterology and Nutrition
2019- Next President, The Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition
Member of Council, Korean Society of Pediatric Gastroenterology and Nutrition
Korean Association for the Study of the Liver, Korean Society of Gastroenterology

Recent major publications

Lee KJ, Choe BH, Choe JY, Kim JY, Jeong IS, Kim JW, Yang HR, Chang JY, Kim KM, Moon JS, Ko JS. A Multicenter Study of the Antiviral Efficacy of Entecavir Monotherapy Compared to Lamivudine Monotherapy in Children with Nucleos(t)ide-naïve Chronic Hepatitis B. *J Korean Med Sci.* 2018;33:e63.
Kim JW, Lee KJ, Yang HR, Chang JY, Moon JS, Khang YH, Ko JS. Prevalence and risk factors

of elevated alanine aminotransferase among Korean adolescents: 2001-2014. *BMC Public Health*. 2018;18:617

Shim JO, Yang HR, Moon JS, Chang JY, Ko JS, Park SS, Seo JK. Multiplex Ligation-dependent Probe Amplification Analysis Subsequent to Direct DNA Full Sequencing for Identifying ATP7B Mutations and Phenotype Correlations in Children with Wilson Disease. *J Korean Med Sci*. 2018;16:e177

Hong J, Yang HR, Moon JS, Chang JY, Ko JS. Association of IL23R Variants With Crohn's Disease in Korean Children. *Front Pediatr*. 2019;19:472.

Cho YH, Kim JW, Shim JO, Yang HR, Chang JY, Moon JS, Ko JS. Association Between Vitamin D Deficiency and Suspected Nonalcoholic Fatty Liver Disease in an Adolescent Population. *Pediatr Gastroenterol Hepatol Nutr*. 2019; 22:233-241

Ko JS. New perspectives in pediatric nonalcoholic fatty liver disease; epidemiology, genetics, diagnosis, and natural history. *Pediatr Gastroenterol Hepatol Nutr*. 2019;22:501-510

Jang HJ, Yang HR, Ko JS, Moon JS, Chang JY, Seo JK. Development of Hepatocellular Carcinoma in Patients with Glycogen Storage Disease: a Single Center Retrospective Study. *J Korean Med Sci*. 2020;35:e5

Lee EJ, Kim JW, Moon JS, Kim YB, Oh SH, Kim KM, Ko JS. Development of a Prognostic Score to Predict Mortality in Patients With Pediatric Acute Liver Failure. *J Pediatr Gastroenterol Nutr*. 2020 Jun;70:777-782

Kim TH, Kim KY, Kim MJ, Seong MW, Park SS, Moon JS, Ko JS. Molecular diagnosis of glycogen storage disease type IX using a glycogen storage disease gene panel. *Eur J Med Genet*. 2020;63:103921

Kim KY, Kim TH, Seong MW, Park SS, Moon JS, Ko JS. Mutation spectrum and biochemical features in infants with neonatal Dubin-Johnson syndrome. *BMC Pediatr*. 2020;20:369

Lee S, Choi YH, Cho YJ, Lee SB, Cheon JE, Kim WS, Ko JS, Koh J, Kang GH. The usefulness of noninvasive liver stiffness assessment using shear-wave elastography for predicting liver fibrosis in children. *BMC Med Imaging*. 2021 Apr 12;21:68

Kim KY, Kim TH, Lee JM, Yi NJ, Kim HY, Moon JS, Ko JS. Clinical outcomes and risk factors of hepatopulmonary syndrome in children. *Sci Rep* 2021;11:4134