

CURRICULUM VITAE

PERSONAL INFORMATION

NAME: Ky Young Cho, M.D., Ph.D. (Professor)



EDUCATION HISTORY:

Ph.D., Department of Pediatrics, School of Medicine, Ewha Womans University, Seoul, Korea

M.S., Department of Pediatrics, School of Medicine, Ewha Womans University, Seoul, Korea

M.D., Department of Pediatrics, School of Medicine, Ewha Womans University, Seoul, Korea

Premedical Course, College of Science, Ewha Womans University, Seoul, Korea

CAREER HISTORY:

Intern, Ewha Womans University Hospital, Seoul, Korea

Resident, Department of Pediatrics, School of Medicine, Ewha Womans University, Seoul, Korea

Clinical Fellow (Pediatric Gastroenterology, Hepatology, and Nutrition), Department of Pediatrics, School of Medicine, Ewha Womans University, Seoul, Korea

Clinical Assistant Professor, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Hallym University, Kangnam Sacred Heart Hospital, Seoul, Korea

Associate Professor, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Hallym University, Kangnam Sacred Heart Hospital, Seoul, Korea

Visiting Scholar, Massachusetts General Hospital, Harvard Medical School

Professor, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Hallym University, Kangnam Sacred Heart Hospital, Seoul, Korea

MEDICAL LICENSURE/ CERTIFICATION

Certified for Medical Doctor, Ministry of Health and Welfare, Korea

Certified for Korean Board of Pediatrics, Ministry of Health and Welfare, Korea

Certified for endoscopy speciality, Korean Society of Gastrointestinal Endoscopy

Certified for Sub-speciality for Pediatric Gastroenterology, Hepatology, and Nutrition, Korean Academy of Medical Sciences

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

2003-Present Member, The Korean Pediatric Society

2007-Present Member, The Korean Society of Pediatric Gastroenterology, Hepatology, and Nutrition

2008-Present Member, The Korean Society of Gastrointestinal Endoscopy

COMMITTEE ASSIGNMENTS

2015.Oct~2019.Sep: Member, Scientific Committee, Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition

2021. Oct~Present: Publishing director in PGHN, Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition

2021. Oct~ Present: Member, Scientific Committee, 2023 Asian Pan-Pacific Congress for Pediatric Gastroenterology, Hepatology and Nutrition

ONGOING PROJECTS IN 2019:

(1) 2017-2019 Gut microbiome (H20170714) by Hallym University

–Nutritional intake and Gut microbiome

Principal Investigator

30,000,000 KRW (Nov 2017 – Nov 2019)

(2) **2018-2021** Microbiome and metabolome (NRF-2018R1D1A1B07046799) by Korean government

–Pediatric obesity related metabolite profile and gut microbiota in a pediatric obesity

Principal Investigator

150,000,000 KRW (June 2018- June 2021)

(3) **2021-2024** Metatranscriptomic analysis (NRF-2021R1F1A1058240) by Korean government

- Functional dynamics of the gut microbiome analyzed by metagenomics and metatranscriptomic analyses in a pediatric obesity

Principal Investigator

151,273,000 KRW (June 2021-Feb 2024)

(4) **2021-2024** Intestinal organoid in pediatric inflammatory bowel disease by Seoul National University

-Establishing a biobank platform for cohort of pediatric rare disease and supporting clinical research

Associate Principal Investigator

120,000,000 KRW (Jan 2021-Dec 2024)

PUBLICATIONS

1. **Lee YJ, Cho JY, KY Cho**. Serum, urine, and fecal metabolome alterations in the gut microbiota in response to lifestyle interventions in pediatric obesity: a non-randomized clinical trial. *Nutrients* 2023;15:2184
2. **Hwang SM, Cho KY**. Noninvasive assessment of paediatric hepatic steatosis by using attenuation imaging. *Eur Radiol* 2023;17;1-13.
3. **Cho KY**. Association of gut microbiota with obesity in children and adolescent. *Clin Exp Pediatr* 2023;66:148-154.
4. **Park SH, Lee JH, Cho KY, Kim HY, Chang JW, Choi KY, Park SK**. Awareness analysis of the national support policy for newborns and infants with hearing loss who performed national infant health checkup. *Korean J Otorhinolaryngol-Head Neck Surg* 2023;66:31-9.

5. **Cho KY.** Association of blood mercury levels with risk of overweight and high waist-to-height ratio in children and adolescents: Data from the Korean National Health and Nutrition Examination Survey. *Children* 2021; 8: 1087.
6. Lee DK, **Cho KY**, Cho HY, Seo JW. Bowel wall thickening on Computed Tomography in Children: A novel method of measurement and its clinical significance. *Pediatr Gastroenterol Hepatol Nutr* 2021;24:279-287.
7. **Huang W, Cho KY, Meng D, Walker WA.** The impact of indole-3-lactic acid on immature intestinal innate immunity and development: a transcriptomic analysis. *Sci Rep.* 2021;11 (1): 8088.
8. [SCI] **Cho KY.** Lifestyle modifications result in alterations in the gut microbiota in obese children. *BMC microbiology* 2021;21:10 <https://doi.org/10.1186/s12866-020-02002-3>
9. [SCI] **Shin S, Cho KY.** Altered Gut Microbiota and Shift in *Bacteroidetes* between Young Obese and Normal-Weight Korean Children: A Cross-Sectional Observational Study. *Biomed Res Int.* 2020 Aug 18;2020:6587136. doi: 10.1155/2020/6587136. eCollection 2020.
10. **Seok MJ, Choi KY, Shin S, Cho KY.** Isolated sphenoid sinusitis with nontypeable *Haemophilus influenzae* bacteremia in a healthy child. *Pediatr Infect Vaccine.* 2020 Apr; 27(1): 62-68. <https://doi.org/10.14776/piv.2020.27.e2> pISSN 2384-1079·eISSN 2384-1087
11. **Jin JY, Hwang SM, Kim JW, Cho KY.** Eosinophilic gastroenteritis in a child with gastric outlet obstruction mimicking superior mesenteric artery syndrome. *Allergy Asthma Respir Dis* 2020 Oct;8(4):237-240. <https://doi.org/10.4168/aard.2020.8.4.237>
12. Bang YK, Park MK, Ju YS, **Cho KY.** Clinical significance of nutritional risk screening tool for hospitalized children with acute burn injuries: a cross-sectional study. *J Hum Nutr Diet* 2018; 31;370-378
13. Kim JY, Park MK, Lee YJ, Huh Sun, **Cho KY.** A case of pulmonary paragonimiasis with chronic abdominal pain and erythematous rash in a 6-year-old girl. *Pediatric infection & vaccine* 2018;25; 54-59.
14. Yoo S, Choi SE, Chun J, Ahn YH, **Cho KY**, Lee YJ, Sung TS, Lee KH. Current usage and effects of steroids in the management of childhood mycoplasma pneumonia in a secondary hospital. *Allergy Asthma Respira Dis* 2018;6:122-127.
15. Park MK, Bang YK, **Cho KY.** Risk factors for functional constipation in young children attending daycare centers. *J Korean Med Sci* 2016;31:1262-5.
16. Kim DY, Shim DH, **Cho KY.** Use of the pediatric appendicitis score in a community hospital. *Indian Peidatr* 2016;53:217-220.
17. Shim DH, Kim DY, **Cho KY.** Diagnostic value of the Vesikari Scoring System for predicting the viral and bacterial pathogens in pediatric gastroenteritis. *Korean J pediatr* 2016;59:126-131.

18. **Cho KY**, Shim DH, Yoo KT. Small bowel volvulus with jejunal trichobezoar. *Indian Pediatr* 2014;51:575-6.
19. **Cho KY**. Therapeutic iron and zinc supplementation in children. *Pediatr Gastroenterol Nutr* 2012;15(Supple 1):7-16.
20. **Cho KY**, Cho MS, Seo JW. FOXP3+regulatory T cells in children with helicobacter pylori infection. *Pediatr Dev Pathol* 2012;15:118-26.
21. Gil JH, Oh JE, Seo JW, Cho MS, **Cho KY**, Yoo ES. FOXP3+T Cells and TGF- β 1 in colonic mucosa of children with Crohn's disease. *Pediatr Gastroenterol Nutr* 2011;14:258-68.
22. **Cho KY**. Hepatitis A. *Pediatr Gastroenterol Nutr* 2010;13(Supple 1):70-7.
23. Cho SY, Cho HK, **Cho KY**, Kim HS, Sohn S. Kawasaki disease presenting as retropharyngeal abscess. *Korean J Pediatr* 2008;51:1023-7.
24. **Cho KY**, Park HS, Seo JW. The relationship between lifestyle and metabolic syndrome in obese children and adolescents. *Korean J Pediatr Gastroenterol Nutr* 2008;11:150-9.
25. **Cho KY**, Khil TY, Ahn HM, Lee SW, Seo JW. Intestinal pseudo-obstruction as the initial presentation of systemic lupus erythematosus in a 13-year-old girl. *Korean J Pediatr* 2008;51:655-9.
26. Seo JW, Jung JA, Park HS, Ko JS, Kim YJ, Ryoo E, Bae SH, Sim JG, Yang HR, Choe BH, **Cho KY**. Assessment of modifiable lifestyle factors for obese children and adolescents through questionnaire. *Korean J Pediatr* 2008;51:576-83.
27. Cho HK, **Cho KY**, Cho SY, Sohn S. Bronchial foreign body aspiration diagnosed with MDCT. *Korean J Pediatr* 2007;50:781-4.
28. **Cho KY**, Lee SJ, Burm JS, Park EA. Successful combined treatment with total parenteral nutrition fluid extravasation injuries in preterm infants. *J Korean Med Sci* 2007;22:588-94.
29. **Cho KY**, Lee JA, Cho SE, Kim NH, Lee JA, Hong KS, Lee HJ, Kim KH. A study of serotyping of *Streptococcus pneumoniae* by multibead assay. *Korean J Pediatr* 2007;50:151-6.
30. Yu HJ, **Cho KY**, Kim JY, Park EA. Clinical usefulness of esophagography in term infant with oxygen desaturation during and after feeding. *J Korean Soc Neonatol* 2006;13:209-15.
31. Joo SY, **Cho KY**, Cho SJ, Hong YM. Pulse wave velocity and ankle brachial index in adolescents with essential hypertension. *Korean J Pediatr* 2006;49:769-76.