

# CURRICULUM VITAE

BEN KANG, M.D., Ph.D.

## Address

Department of Pediatrics,  
Kyungpook National University Children's Hospital,  
Kyungpook National University School of Medicine  
807 Hoguk-ro, Buk-gu, Daegu, 41404, South Korea

## Scholastic Record

2002-2008	M.D., College of Medicine Inha University, Incheon, Korea
2008-2009	Medical Internship Inha University Hospital, Incheon, Korea
2009-2013	Residency Department of Pediatrics, Inha University Hospital, Incheon, Korea
2012-2014	Master of Medical Science, Graduate School Inha University, Incheon, Korea
2013-2016	Clinical Fellow Department of Pediatrics, Samsung Medical Center, Seoul, Korea
2017-2022	Assistant Professor Department of Pediatrics, Kyungpook National University School of Medicine, Daegu, Korea
2020-2023	Doctor of Philosophy, Graduate School Pusan National University, Pusan, Korea Kyungpook National University School of Medicine, Daegu, Korea
2022-Present	Associate Professor Department of Pediatrics, Kyungpook National University School of Medicine, Daegu, Korea

### Active Medical Certifications

Korean Medical Board Certified: 2008, Active (#97384)

Korean Pediatric Board Certified: 2013, Active (#6028)

Korean Endoscopy Board Certified: 2014, Active (#6038)

Korean Pediatric Gastroenterology, Hepatology and Nutrition Board Certified: 2015, Active (#2015-003)

### Active Membership in Professional Organizations

Korean Academy of Pediatrics

Korean Society of Pediatric Gastroenterology, Hepatology and Nutrition

Korean Society of Gastroenterology

Korean Society of Gastrointestinal Endoscopy

Korean Association for the Study of Intestinal Diseases

Crohn's and Colitis Association in Daegu-Gyeongbuk

Asian Organization for Crohn's and Colitis

European Society for Paediatric Gastroenterology, Hepatology and Nutrition

European Crohn's and Colitis Organization

### Editorial Board in Professional Journals

Pediatric Gastroenterology, Hepatology & Nutrition: Associate editor (2019~)

Journal of Korean Medical Science: Editor (2021~)

### Awards

1. Young Investigator Award. 5<sup>th</sup> World Congress of Pediatric Gastroenterology, Hepatology and Nutrition (September 5-8, 2016, Montreal, Canada).
2. Distinguished Investigator Award & Best Abstract. 5<sup>th</sup> Annual Meeting of Asian Organization for Crohn's and Colitis (June 15-17, 2017, Seoul, Korea).
3. Best Poster Award. Korea Digestive Disease Week 2017 (November 23-25, 2017, Seoul, Korea).
4. Young Investigator Award. 51<sup>st</sup> European Society for Paediatric Gastroenterology Hepatology and Nutrition Annual Meeting (May 9-12, 2018, Geneva, Switzerland).
5. Best Abstract. 14<sup>th</sup> Asian Pan-Pacific Society of Pediatric Gastroenterology Hepatology and Nutrition Meeting (October 23-26, 2018, Bangkok, Thailand).
6. Distinguished Investigator Award & Best Abstract. 3<sup>rd</sup> International Meeting on Intestinal

Diseases in Conjunction with the Annual Congress of the Korean Association for the Study of Intestinal Diseases (April 12-13, 2019, Seoul, Korea).

7. Young Investigator Award. 52<sup>nd</sup> European Society for Paediatric Gastroenterology Hepatology and Nutrition Annual Meeting (June 5-8, 2019, Glasgow, United Kingdom).

8. Poster of Distinction. 5<sup>th</sup> International Symposium on Pediatric Inflammatory Bowel Disease (September 11-14, 2019, Budapest, Hungary).

9. Best Poster Award. 4<sup>th</sup> International Meeting on Intestinal Diseases in Conjunction with the Annual Congress of the Korean Association for the Study of Intestinal Diseases (April 16-17, 2021, Seoul, Korea).

10. Academic Grant. 5<sup>th</sup> International Meeting on Intestinal Diseases in Conjunction with the Annual Congress of the Korean Association for the Study of Intestinal Diseases (May 12-14, 2022, Busan, Korea).

11. Best Oral Presentation. 21<sup>st</sup> Annual Congress of Korean Society for Parenteral and Enteral Nutrition (June 10-11, 2022, Seoul, Korea).

12. Hanmaeum Academic Award. 72<sup>nd</sup> Annual Congress of the Korean Pediatric Society (October 21-22, 2022, Seoul, Korea).

13. Best Poster Award. Korea Digestive Disease Week 2022 (December 1-3, 2022, Seoul, Korea).

14. Digital Oral Presentation Award. 18<sup>th</sup> Congress of the European Crohn's and Colitis Organisation (March 1-4, 2023, Copenhagen, Denmark)

### Research Grants

1. National Research Foundation of Korea (2017-2020)
2. Kyungpook National University Hospital (2019-2020)
3. National Research Foundation of Korea (2021-2024)

### GCP training

Completed on April 13, 2023

## Publications

### Books

1. Clinical Pediatrics 2020 (임상소아청소년과 2020), 대한소아청소년과학회, 2020  
Chapter 1. 소화기영양 중 1. 소아청소년 위장관 출혈의 진단 겸 치료적 접근.

### Articles

116. Tal N, Tzivinikos C, Gasparetto M, Serban DE, Zifman E, Hojsak I, Ledder O, Yerushalmy Feler A, Rolandsdotter H, Aloï M, Bramuzzo M, Buderus S, Lionetti P, Norsal L, Norden C, Urlep D, Romano C, Shaoul R, Martinez-Vinson C, Karoliny A, De Greef E, **Kang B**, Vlčková E, Alvisi P, Kori M, Tavares M, Weiss B, Hussey S, Qamhawi ME, Palomino Pérez LM, Henderson P, Parmar R, Miele E, Rinawi F, Lozano-Ruf A, Zamvar V, Kolho KL, Shouval DS; Pediatric IBD Porto Group of ESPGHAN. Clinical Features and Natural History of Paediatric Patients with Ulcerative Proctitis: A Multicentre Study from the Paediatric IBD Porto Group of ESPGHAN. J Crohns Colitis. 2023 Jul 1;jjad111. doi: 10.1093/ecco-jcc/jjad111. Epub ahead of print.

115. Yerushalmy-Feler A, Olbjorn C, Kolho KL, Aloï M, Musto F, Martin-de-Carpi J, Lozano-Ruf A, Yogev D, Matar M, Scarallo L, Bramuzzo M, de Ridder L, **Kang B**, Norden C, Wilson DC, Tzivinikos C, Turner D, Cohen S. Dual Biologic or Small Molecule Therapy in Refractory Pediatric Inflammatory Bowel Disease (DOUBLE-PIBD): A Multicenter Study from the Pediatric IBD Porto Group of ESPGHAN. Inflamm Bowel Dis. 2023 Apr 12;izad064. Online ahead of print.

114. Atia O, Klomberg RCW, de Ridder L, Kemos P, Ruemmele FM, **Kang B**, Choi S, Choe BH, Kang Y, Shouval DS, Focht G, Ledder O, Lev-Tzion R, Carmon N, Berger TD, Turner D, Croft NM, Orlanski-Meyer E. Validation of predictive models for disease outcomes in paediatric ulcerative colitis: A multicentre prospective inception cohort. Aliment Pharmacol Ther. 2023;58(2):182-190.

113. Choi SY, Kwon Y, Choi S, Lee SM, Choe BH, **Kang B**. Infliximab trough levels are associated with endoscopic healing but not with transmural healing at one year treatment with infliximab in pediatric patients with Crohn's disease. Front Immunol. 2023;14:1192827.

112. Kim JY, Kim YB, Choi S, Lee YM, Kim HJ, Kim SC, Jang HJ, Choi SY, Yi DY, Lee Y, Choi YJ, Kang Y, Lee KJ, Hong SJ, Hwang JH, Kwak S, Choe BH, **Kang B**. Associations of Polyp

Characteristics in Children and Adolescents Presenting with Less Than Five Colorectal Polyps: A Full Colonoscopy Is Still Required. *Gut Liver*. 2023;17(3):441-448.

111. Kim ES, **Kang B**. Infliximab vs adalimumab: Points to consider when selecting anti-tumor necrosis factor agents in pediatric patients with Crohn's disease. *World J Gastroenterol*. 2023;29(18):2784-2797.

110. Pandit M, Kil YS, Ahn JH, Pokhrel RH, Gu Y, Mishra S, Han Y, Ouh YT, **Kang B**, Jeong MS, Kim JO, Nam JW, Ko HJ, Chang JH. Methionine consumption by cancer cells drives a progressive upregulation of PD-1 expression in CD4 T cells. *Nat Commun*. 2023;14(1):2593.

109. Lee YM, Lee Y, Choi SY, Kim HJ, Hong SJ, Kang Y, Lee EH, Lee KJ, Choi Y, Yi DY, Kim S, **Kang B**. A Nationwide Survey on Gastrointestinal Endoscopy Practice Patterns among Pediatric Endoscopists in South Korea. *Pediatr Gastroenterol Hepatol Nutr*. 2023 Mar;26(2):79-87.

108. Ju J, Oh HS, Lee YJ, Jung H, Lee JH, **Kang B**, Choi S, Kim JH, Kim KO, Chung YJ. Clean mucosal area detection of gastroenterologists versus artificial intelligence in small bowel capsule endoscopy. *Medicine (Baltimore)*. 2023 Feb 10;102(6):e32883.

107. Kim YB, Kim JY, Choi S, Lee YM, Choi SY, Kim SC, Jang HJ, Lee Y, Jeong IS, Yi DY, Kang Y, Lee KJ, Choe BH, **Kang B**. Fecal Calprotectin Levels Significantly Correlate with Polyp Size in Children and Adolescents with Juvenile Colorectal Polyps. *Pediatr Gastroenterol Hepatol Nutr*. 2023 Jan;26(1):34-42.

106. Lee Y, Choi S, **Kang B**. Practice Patterns of Colorectal Polypectomy in Pediatric Endoscopic Specialists in South Korea: A Nationwide Survey Study. *Pediatr Gastroenterol Hepatol Nutr*. 2023 Jan;26(1):15-22.

105. Park S, **Kang B**, Kim S, Choi S, Suh HR, Kim ES, Park JH, Kim MJ, Choe YH, Lee YJ, Park JH, Ryoo E, Koh H, Choe BH. Comparison between Pediatric Crohn's Disease and Ulcerative Colitis at Diagnosis in Korea: Results from a Multicenter, Registry-Based, Inception Cohort Study. *Gut Liver*. 2022;16(6):921-929.

104. Lee S, Choe BH, **Kang B**, Kim SC. Nationwide Survey for Pediatric Gastrostomy Tube

Placement in Korea. *J Korean Med Sci.* 2022;37(40):e291.

103. Pokhrel RH, **Kang B**, Timilshina M, Chang JH. AMPK Amplifies IL2-STAT5 Signaling to Maintain Stability of Regulatory T Cells in Aged Mice. *Int J Mol Sci.* 2022;23(20):12384.

102. Lee SW, **Kang B**, Choi S, Choe BH, Kim YB, Lee KJ, Kim HJ, Jang HJ, Choi SY, Yi DY, Choi YJ, Kim JY, Lee EH, Lee YM. The Changes in Trends of Lower Gastrointestinal Endoscopy Conducted in Children and Adolescents after the COVID-19 Outbreak in Korea. *Medicina (Kaunas).* 2022;58(10):1378.

101. Choi SY, Kim ES, Jeon TY, Lee YM, Lee SM, Choe BH, Choe YH, **Kang B**. Transmural healing evaluated by magnetic resonance enterography in paediatric patients with Crohn's disease receiving maintenance treatment with biologics. *Aliment Pharmacol Ther.* 2022;56(7):1146-1156.

100. Choi S, Kim ES, Kwon Y, Kim MJ, Choe YH, Choe BH, **Kang B**. Vedolizumab Is Safe and Efficacious for the Treatment of Pediatric-Onset Inflammatory Bowel Disease Patients Who Fail a Primary Biologic Agent. *J Korean Med Sci.* 2022;37(37):e282.

99. Choi SY, Choi S, **Kang B**, Choe BH, Lee YJ, Park JH, Kim YB, Kim JY, Lee K, Lee KJ, Kang KS, Lee YM, Kim HJ, Kang Y, Jang HJ, Yi DY, Hong SJ, Choi YJ, Hong J, Kim SC. Epidemiological Trends of Pediatric Inflammatory Bowel Disease in Korea: A Multicenter Study of the Last 3 Years Including the COVID-19 Era. *J Korean Med Sci.* 2022;37(37):e279.

98. Choi SY, Lee KJ, Kim SC, Lee EH, Lee YM, Kim YB, Yi DY, Kim JY, **Kang B**, Jang HJ, Hong SJ, Choi YJ, Kim HJ. Cardiac Complications Associated with Eating Disorders in Children: A Multicenter Retrospective Study. *Pediatr Gastroenterol Hepatol Nutr.* 2022;25(5):432-440.

97. Kim ES, **Kang B**. Assessment of Medication Adherence and Pharmacist Intervention Are Important for the Care of Patients with Inflammatory Bowel Disease. *Gut Liver.* 2022;16(5):665-666.

96. Atia O, **Kang B**, Orlansky-Meyer E, Ledder O, Lev Tzion R, Choi S, Choe BH, Kang Y, Yogev D, Najara H, Carmon N, Focht G, Shteyer E, Turner D. Existing prediction models of disease course in pediatric Crohn's disease are poorly replicated in a prospective inception cohort. *J Crohns*

Colitis. 2022;16(7):1039-1048.

95. Kwon Y, **Kang B**, Kim ES, Choe YH, Kim MJ. Comparison of Ustekinumab Trough Concentrations Measured by 2 ELISA Kits and Evaluation of Clinical Response in Crohn's Disease. *Ther Drug Monit.* 2022;44(4):535-542.

94. Choi YJ, Park EJ, Lee YM, Kim SC, **Kang B**, Lee KJ, Jang HJ, Lee EH, Kim JY, Choi SY, Jin Kim H, Kang Y, Choe BH, Lee J, Yi DY. Effects of anxiety on sedation among pediatric patients undergoing esophagogastroduodenoscopy. *Clin Child Psychol Psychiatry.* 2022;27(3):793-803.

93. Kang Y, Park H, Choe BH, **Kang B**. The Role and Function of Mucins and Its Relationship to Inflammatory Bowel Disease. *Front Med (Lausanne).* 2022;9:848344.

92. Lee JM, Kim RJ, Lim JS, Choi S, Choe BH, **Kang B**. Eosinophilic Gastritis With Linear Arrays of Pseudopolyps in the Antrum Treated With Exclusive Enteral Nutrition. *J Pediatr Gastroenterol Nutr.* 2022;74(5):e127.

91. Choi SY, **Kang B**. Adalimumab in Pediatric Inflammatory Bowel Disease. *Front Pediatr.* 2022;10:852580.

90. Kim ES, Choi S, Choi SY, Park JH, Choe BH, Lee SY, Kim MJ, Choe YH, **Kang B**. NUDT15 intermediate metabolisers are associated with lower loss of response in paediatric Crohn's disease patients treated by combination treatment with infliximab and azathioprine. *Aliment Pharmacol Ther.* 2022;55(8):1008-1015.

89. Kim YB, Kim JY, Choi S, Kim HJ, Lee YM, Lee Y, Jang HJ, Lee EH, Lee KJ, Kim SC, Choi SY, Kang Y, Yi DY, Choi YJ, Choe BH, **Kang B**. Potential Utility of Fecal Calprotectin in Discriminating Colorectal Polyps From Other Major Etiologies in Children Presenting With Isolated Hematochezia. *J Korean Med Sci.* 2022;37(9):e72.

88. Kim ES, **Kang B**. Editorial: a paradigm shift in NUDT15 assessment-towards predictive and personalised medicine in Crohn's disease? Authors' reply. *Aliment Pharmacol Ther.* 2022;55(6):742-743.

87. Jung JH, Choi S, Kang Y, Cho DC, Lee SM, Park TI, Choe BH, Kim D, **Kang B**. Development of Spinal Tuberculosis in an Adolescent With Crohn's Disease After Infliximab Therapy: A Case Report With Literature Review. *Front Pediatr.* 2022;9:802298.
86. **Kang B**, Yi DY, Choe BH. Translational Strategies to Eliminate Chronic Hepatitis B in Children: Prophylaxis and Management in East Asian Countries. *Front Pediatr.* 2022;9:809838.
85. Choe JY, Choi S, Song KH, Jang HJ, Choi KH, Yi DY, Hong SJ, Hwang JH, Cho SM, Kim YJ, Choe BH, **Kang B**. Incidence and Prevalence Trends of Pediatric Inflammatory Bowel Disease in the Daegu-Kyungpook Province From 2017 to 2020. *Front Pediatr.* 2022;9:810173.
84. Lee YM, Choi S, Choe BH, Jang HJ, Kim S, Koh H, Kim ES, Kim MJ, Choe YH, **Kang B**. Association between Fecal Calprotectin and Mucosal Healing in Pediatric Patients with Crohn's Disease Who Have Achieved Sustained Clinical Remission with Anti-Tumor Necrosis Factor Agents. *Gut Liver.* 2022;16(1):62-70.
83. Park H, Kim J, Choi S, Suh HR, Moon JE, Kim D, Choi BS, Hwang SK, **Kang B**, Choe BH. Case report of compound CFTR variants in Korean siblings with cystic fibrosis: importance of differentiating cystic fibrosis from inflammatory bowel disease. *Transl Pediatr.* 2021;10(11):3104-3109.
82. **Kang B**, Um SH, Yun J, Kim HK, Choe BH, Lee YM. Collagenous gastroduodenocolitis in a Korean adolescent: first pediatric case report in Asia. *Transl Pediatr.* 2021;10(11):3096-3103.
81. Hong SJ, **Kang B**, Hwang JH, Kim YB, Lee YM, Jang HJ, Lee KJ, Kim SC, Kang Y, Kim HJ, Kim JY, Choi YJ, Lee EH, Choi SY, Lee E, Choe BH, Chae SA, Choi S, Suh WS, Song J, Yi DY. The occurrence of infection-related systemic diseases in Korean children and adolescents has decreased after the spread of the COVID-19 pandemic: a multicenter retrospective study. *Transl Pediatr.* 2021;10(11):2888-2896.
80. Choi S, Lee HJ, Seo AN, Bae HI, Kwon HJ, Cho CM, Lee SM, Choe BH, **Kang B**. Case Report: Development of Type 1 Autoimmune Pancreatitis in an Adolescent With Ulcerative Colitis Mimicking Pancreatic Cancer. *Front Pediatr.* 2021;9:791840.



79. Um SH, Lee SW, Song KH, Lee SM, Choe BH, Lee YM, **Kang B**. Incidentally Detected Asymptomatic Perianal Abscess in an Adolescent during Crohn's Disease Diagnosis: Is Routine Pelvic Imaging Required in Korean Pediatric Patients at Diagnosis?. *Pediatr Gastroenterol Hepatol Nutr.* 2021;24(6):564-570.
78. Jang HJ, Suh HR, Choi S, Hong SJ, Cho SM, Choi KH, Choe BH, **Kang B**; Crohn's and Colitis Association in Daegu-Gyeongbuk (CCAiD). Severe Disease Activity Based on the Paris Classification Is Associated with the Development of Extraintestinal Manifestations in Korean Children and Adolescents with Ulcerative Colitis. *J Korean Med Sci.* 2021;36(44):e278.
77. Pokhrel RH, Acharya S, Ahn JH, Gu Y, Pandit M, Kim JO, Park YY, **Kang B**, Ko HJ, Chang JH. AMPK promotes antitumor immunity by downregulating PD-1 in regulatory T cells via the HMGCR/p38 signaling pathway. *Mol Cancer.* 2021;20(1):133.
76. **Kang B**, Lee HS, Jeon SW, Park SY, Choi GS, Lee WK, Heo S, Lee DH, Kim DS. Progressive alteration of DNA methylation of Alu, MGMT, MINT2, and TFPI2 genes in colonic mucosa during colorectal cancer development. *Cancer Biomark.* 2021;32(2):231-236.
75. Kim MJ, Kim E, **Kang B**, Lee Y, Kang ES, Choe YH. Anti-Saccharomyces cerevisiae Antibody in Pediatric Crohn's Disease Patients without Mucosal Healing Is a Useful Marker of Mucosal Damage. *Gut Liver.* 2021;15(5):763-770
74. Kim MJ, Kim E, **Kang B**, Choe YH. Infliximab Therapy for Children with Moderate to Severe Ulcerative Colitis: A Step-Up versus a Top-Down Strategy. *Yonsei Med J.* 2021;62(7):608-614.
73. Kim JY, Lee Y, Choe BH, **Kang B**. Factors Associated with the Immunogenicity of Anti-Tumor Necrosis Factor Agents in Pediatric Patients with Inflammatory Bowel Disease. *Gut Liver.* 2021;15(4):588-598.
72. Choi S, Choi BS, Choe BH, **Kang B**. Successful treatment with vedolizumab in an adolescent with Crohn disease who had developed active pulmonary tuberculosis while receiving infliximab. *Yeungnam Univ J Med.* 2021;38(3):251-257.
71. Pandit M, Acharya S, Gu Y, Seo SU, Kweon MN, **Kang B**, Chang JH. Geranylgeranyl

pyrophosphate amplifies Treg differentiation via increased IL-2 expression to ameliorate DSS-induced colitis. *Eur J Immunol.* 2021;51(6):1461-1472.

70. Kim MJ, Kim E, **Kang B**, Choe YH. Therapeutic Drug Monitoring of Adalimumab During Long-Term Follow-up in Paediatric Patients with Crohn's Disease. *J Pediatr Gastroenterol Nutr.* 2021;72(6):870-876.

69. Choi SY, Yi DY, Kim SC, **Kang B**, Choe BH, Lee Y, Lee YM, Lee EH, Jang HJ, Choi YJ, Kim HJ. Severe Phenotype of Non-alcoholic Fatty Liver Disease in Pediatric Patients with Subclinical Hypothyroidism: a Retrospective Multicenter Study from Korea. *J Korean Med Sci.* 2021;36(20):e137.

68. Lee YM, **Kang B**, Kim YB, Kim HJ, Lee KJ, Lee Y, Choi SY, Lee EH, Yi DY, Jang HJ, Choi YJ, Hong SJ, Kim JY, Kang Y, Kim SC. Procedural Sedation for Pediatric Upper Gastrointestinal Endoscopy in Korea. *J Korean Med Sci.* 2021;36(20):e136.

67. **Kang B**, Hwang SK, Choi S, Kim ES, Lee SY, Ki CS, Cho EH, Lee JH, Choe BH. Case report of juvenile polyposis/hereditary hemorrhagic telangiectasia syndrome: first report in Korea with a novel mutation in the SMAD4 gene. *Transl Pediatr.* 2021;10(5):1369-1376.

66. Lee YM, Ryoo E, Hong J, **Kang B**, Choe BH, Seo JH, Park JS, Jang HJ, Lee Y, Chang EJ, Chang JY, Lee HJ, Kim JY, Lee EH, Kim HJ, Chung JY, Choi YJ, Choi SY, Kim SC, Kang KS, Yi DY, Moon KR, Lee JH, Kim YJ, Yang HR. Nationwide "Pediatric Nutrition Day" survey on the nutritional status of hospitalized children in South Korea. *Nutr Res Pract.* 2021;15(2):213-224.

65. Choi S, Choe BH, Lee SM, **Kang B**. Diet Advancement Based on Repeat Upper Gastrointestinal Endoscopies After Removal of an Esophageal Button Battery. *J Pediatr Gastroenterol Nutr. J Pediatr Gastroenterol Nutr.* 2021;72(5):e139

64. Kim ES, Song JS, Ki CS, Choe YH, **Kang B**. Development of Crohn's Disease in a Child With SLC26A3-related Congenital Chloride Diarrhea: Report of the First Case in East Asia and a Novel Missense Variant. *Ann Lab Med.* 2021;41(2):255-257.

63. Bae J, Choe BH, **Kang B**. Prevention of thiopurine-induced early leukopenia in a Korean

pediatric patient with Crohn's disease who turned out to possess homozygous mutations in NUDT15 R139C. *Yeungnam Univ J Med.* 2020;37(4):332-336.

62. Kim G, Bae J, Kim MJ, Kwon H, Park G, Kim SJ, Choe YH, Kim J, Park SH, Choe BH, Shin H, **Kang B**. Delayed Establishment of Gut Microbiota in Infants Delivered by Cesarean Section. *Front Microbiol.* 2020 Sep 11;11:2099.

61. Paek EY, Yi DY, **Kang B**, Choe BH. Fecal calprotectin as a marker of gastrointestinal involvement in pediatric Henoch-Schönlein purpura patients: a retrospective analysis. *BMC Pediatr.* 2020;20(1):374.

60. **Kang B**, Kim TJ, Choi J, Baek SY, Ahn S, Choi R, Lee SY, Choe YH. Adjustment of azathioprine dose should be based on a lower 6-TGN target level to avoid leucopenia in NUDT15 intermediate metabolisers. *Aliment Pharmacol Ther.* 2020;52(3):459-470.

59. **Kang B**, Jung JH, Park JY, Kim YJ, Choe BH. Retention of a Wireless Endoscopic Capsule in the Meckel Diverticulum of a 12-Year-old Boy. *J Pediatr Gastroenterol Nutr.* 2020;71(2):e72.

58. Lee K, Choe BH, **Kang B**, Kim S, Kim JY, Shim JO, Lee YM, Lee EH, Jang HJ, Ryoo E, Yang HR. Nationwide Multicenter Study of Eosinophilic Esophagitis in Korean Children. *Pediatr Gastroenterol Hepatol Nutr.* 2020;23(3):231-242.

57. Turner D, Huang Y, Martín-de-Carpi J, Aloï M, Focht G, **Kang B**, Zhou Y, Sanchez C, Kappelman MD, Uhlig HH, Pujol-Muncunill G, Ledder O, Lionetti P, Dias JA, Ruemmele FM, Russell RK; Paediatric IBD Porto group of ESPGHAN. Corona Virus Disease 2019 and Paediatric Inflammatory Bowel Diseases: Global Experience and Provisional Guidance (March 2020) from the Paediatric IBD Porto Group of European Society of Paediatric Gastroenterology, Hepatology, and Nutrition. *J Pediatr Gastroenterol Nutr.* 2020;70(6):727-733.

56. Choi SY, Choi YO, Choe YH, **Kang B**. Potential Utility of Therapeutic Drug Monitoring of Adalimumab in Predicting Short-Term Mucosal Healing and Histologic Remission in Pediatric Crohn's Disease Patients. *J Korean Med Sci.* 2020 Apr 27;35(16):e114.

55. **Kang B**, Kim JE, Jung JH, Choe JY, Kim MJ, Choe YH, Kim S, Koh H, Lee YM, Lee JH, Lee Y, Lee JH, Lee HJ, Jang HJ, Choi Y, Choi SY, Kim JY, Choe BH. Korean Children and

Adolescents with Crohn's Disease Are More Likely to Present with Perianal Fistulizing Disease at Diagnosis Compared to Their European Counterparts. *Pediatr Gastroenterol Hepatol Nutr.* 2020;23(1):49-62.

54. Cozijnsen MA, Ben Shoham A, **Kang B**, Choe BH, Choe YH, Jongsma MM, Russell RK, Ruemmele FM, Escher JC, de Ridder L, Koletzko S, Martín-de-Carpi J, Hyams J, Walters T, Griffiths A, Turner D. Development and Validation of the Mucosal Inflammation Non-invasive Index For Pediatric Crohn's Disease. *Clin Gastroenterol Hepatol.* 2020;18(1):133-140.e1.

53. Choe JY, Jang KM, Min SY, Hwang SK, **Kang B**, Choe BH. Propionic Acidemia with Novel Mutation Presenting as Recurrent Pancreatitis in a Child. *J Korean Med Sci.* 2019;34(47):e303.

52. **Kang B**. Can proton pump inhibitors cause intestinal inflammation in children? *Korean J Pediatr.* 2019;62(10):384-385.

51. Choi SY, **Kang B**, Choe YH. Serum Infliximab Cutoff Trough Level Values for Maintaining Hematological Remission in Pediatric Inflammatory Bowel Disease. *Gut Liver.* 2019;13(5):541-548.

50. **Kang B**, Choi SY, Choi YO, Lee SY, Baek SY, Sohn I, Choe BH, Lee HJ, Choe YH. Infliximab Trough Levels Are Associated With Mucosal Healing During Maintenance Treatment With Infliximab in Paediatric Crohn's Disease. *J Crohns Colitis.* 2019;13(2):189-197.

49. Kim ES, Kwon KT, Kim SK, Kim M, Lee HS, Jang BI, Kim KO, Kim EY, Lee YJ, Hong SJ, Yang CH, **Kang B**, Choe BH; Crohn's and Colitis Association in Daegu-Gyeongbuk (CCAiD). Impact of Education on School Nurses' Knowledge of Inflammatory Bowel Disease. *Gut Liver.* 2019;13(1):48-53.

48. Kim HA, Suh HR, **Kang B**, Choe BH. Acute pancreatitis associated with indigo naturalis in pediatric severe Crohn's disease. *Intest Res.* 2019;17(1):144-148.

47. Jang HJ, **Kang B**, Choe BH. The difference in extraintestinal manifestations of inflammatory bowel disease for children and adults. *Transl Pediatr.* 2019;8(1):4-15.

46. Kim S, Park S, Kang Y, Kim JE, **Kang B**, Choe BH, Lee YJ, Park JH, Yang HR, Lee SH, Kim KM, Ryoo E, Tchah H, Shim JO, Koh H. Can We Estimate Quality of Life in Pediatric Inflammatory Bowel Disease Patients? An Asian Multicenter Study. *J Pediatr Gastroenterol Nutr.* 2019;68(1):45-49.
45. Yi DY, Kim SC, Lee JH, Lee EH, Kim JY, Kim YJ, Kang KS, Hong J, Shim JO, Lee Y, **Kang B**, Lee YJ, Kim MJ, Moon JS, Koh H, You J, Kwak YS, Lim H, Yang HR. Clinical Practice Guideline for the Diagnosis and Treatment of Pediatric Obesity: Recommendations from the Committee on Pediatric Obesity of the Korean Society of Pediatric Gastroenterology Hepatology and Nutrition. *Pediatr Gastroenterol Hepatol Nutr.* 2019;22(1):1-27.
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