

## Curriculum Vitae



**Name** Saelin Oh  
**Date of birth** Dec 22, 1986  
**Nationality** Republic of Korea

**Address:** Departments of Radiology, Anam Hospital,  
Korea University College of Medicine,  
73 Incheon-ro, Seongbuk-gu, Seoul 136-705, Korea

**Phone:** +82-10-5619-2029

**FAX:** +82-2-920-3796

**E-mail:** ninolin@korea.ac.kr / ninolin2@gmail.com

### Education

2006.3 - 2012.2 Korea University, School of Medicine

2013.9 - 2016.2 Graduate School of Medicine, Korea University  
Master Degree (Radiology)

2018.3 - 2020.8 Graduate School of Medicine, Sungkyunkwan University  
Ph.D. Degree (Radiology)

### Postdoctoral Training and Present Position

2012.3 - 2013.2 Internship, Korea University Hospital

2013.3 - 2017.2 Resident, Korea University Hospital, Department of Radiology

2017.3 - 2019.2      Fellowship, Samsung Medical Center, Department of Radiology

2019.3 - 2024.8      Clinical assistant professor, Korea University Anam Hospital,  
Department of Radiology

2024.9 - 2026.2      Assistant professor, Korea University, Department of Radiology

2026.3 - Current      Associate professor, Korea University, Department of Radiology

### **Publications (main author)**

1. Oh S, Sung DJ. Current MR Imaging of Renal Cell Carcinoma. J Korean Soc Radiol. 2016 Aug;75(2):77-91.
2. Oh S, Sung DJ, Sim KC, et al. A rare case of vulvar angiofibrosarcoma: MRI findings and literature review. J Obstet Gynaecol. 2017;37(6):831-833.
3. Oh S, Sung DJ, Yang KS, et al. Correlation of CT imaging features and tumor size with Fuhrman grade of clear cell renal cell carcinoma. Acta Radiol. 2017;58(3):376-384.
4. Oh SL, Jeon TY, Yoo SY, et al. Outcome and risk factors associated with perirenal subcapsular fluid collections in extremely preterm infants with acute kidney injury. Eur Radiol. 2019;29(7):3847-3853.
5. Lee K, Kim TH, Lee SH, Kang CH, Je BK, Oh S. Predictive Value of Radiologic Central Compartment Atopic Disease for Identifying Allergy and Asthma in Pediatric Patients. Ear Nose Throat J. 2022;101(9):593-599.
6. Oh S, Kim JH, Yoo SY, Jeon TY, Kim YJ. Evaluation of the image quality and dose reduction in digital radiography with an advanced spatial noise reduction algorithm in pediatric patients. Eur Radiol. 2021;31(12):8937-8946.
7. Oh S, Ha JY, Cho YJ. Contrast-enhanced voiding ultrasonography to detect intrarenal reflux in children: comparison with <sup>99m</sup>Tc-DMSA renal scans. Ultrasonography. 2022;41(3):502-510.
8. Oh S, Lee JW, Yoo SY, et al. Pleuroparenchymal Fibroelastosis After Hematopoietic Stem Cell Transplantation in Children: A Propensity Score-Matched Analysis. Eur Radiol. 2023;33(3):2266-2276.
9. Kim S, Oh S, Lee K, et al. Improvement of Bone Age Assessment Using a Deep Learning Model in Young Children: Significance of Carpal Bone Analysis. I J Radiol. 2023;20

10. Lee K-C, Kang CH, Ahn K-S, Lee K-H, Lee JJ, Cho KR, Oh S. A Comparison of Automatic Bone Age Assessments between the Left and Right Hands: A Tool for Filtering Measurement Errors. *Applied Sciences*. 2024; 14(18):8135.
11. Kim J, Lee S, Ahn SM, Choi G, Je BK, Park BJ, Cho Y, Oh S. Deep learning model using cross-sequence learning to identify orbital fractures in radiographs of patients under 20 Years. *Front Bioeng Biotechnol*. 2025 Sep 2;13:1613417

### **Publications (all authored articles)**

1. HW Kim, SY Yoo, S Oh, TY Jeon, JH Kim. Ultrasonography of Pediatric Superficial Soft Tissue Tumors and Tumor-Like Lesions. *Korean J Radiol*. 2020 Mar; 21(3): 341-355.
2. SM Hwang, SY Yoo, JH Kim, TY Jeon, SL Oh, EY Cho, BK Je. Lymphomatoid Granulomatosis Involving the Lung and Brain in a Child: A Case Report. *J Korean Soc Radiol* 2021;82(1):267-273.
3. SH Park, S Oh, BL Eun, JH Byeon. Acute Necrotizing Encephalopathy Secondary to *Mycoplasma pneumoniae* Infection in a 4-Year-Old Boy. *Annals of Child Neurology* 2021;29(1):51-53.
4. KS Ahn, B Bae, WY Jang, JH Lee, S Oh, BH Kim, SW Lee, HW J, JW Lee, J Sung, KH Jung, CH K, SH Lee. Assessment of rapidly advancing bone age during puberty on elbow radiographs using a deep neural network model. *Eur Radiol*. (2021) 31:8947-8955
5. Jang WY, Ahn KS, Oh S, et al. Difference between bone age at the hand and elbow at the onset of puberty. *Medicine (Baltimore)*. 2022;101(1):e28516.
6. Jeon G, Gwag SH, Choe YJ, Oh S, Park JE. Kikuchi-Fujimoto Disease Mimicking Mesenteric Lymphadenitis in Children: A Case Report and Systematic Review. *Pediatr Infect Vaccine*. 2023 Apr;30(1):39-46
7. Oh YR, Kim YJ, Oh KE, Park GH, Kang E, Nam HK, Rhie YJ, Oh S, Lee KH. Brain magnetic resonance imaging (MRI) findings in central precocious puberty patients: is routine MRI necessary for newly diagnosed patients? *Ann Pediatr Endocrinol Metab*. 2023 Sep;28(3):200-205
8. Cho H, Lee Y, Oh S, Heo JS. Risk factors and outcomes of vitamin D deficiency in very preterm infants. *Pediatr Neonatol*. 2025 Jan;66(1):31-36
9. Ham S, Choi G, Je BK, Oh S. Development of a Deep-Learning Model for Estimating Newborn Gestational Age via Lumbar Vertebral Segmentation on Plain Radiography. *Korean J Radiol*. 2025 Sep;26(9):867-876
10. Aziz A, Oh S, Ji Y, Nam Y, Ham B, cho Y. 2026. Deep learning models for diagnosing mood disorders using integrated MRI and genetic data. *PeerJ Comput. Sci*. 12:e3562

DOI 10.7717/peerj-cs.3562