

Curriculum Vitae

Personal Information		
Title (i.e. Prof., Dr., etc.)	Prof.	
Name (First name_Last Name)	Jeong Yeop Ryu	
Degree (i.e. MD, Msc, PhD, etc.)	M.D., Ph.D.	
Country	Korea	
Affiliation	Kyungpook National University School of Medicine	
Educational Background		
2010. 2	Keimyung University School of Medicine: Daegu, KR, Bachelor’s degree	
2013. 2	Kyungpook National University: Daegu, KR, Master’s degree	
2020. 2	Kyungpook National University: Daegu, KR, Ph.D.	
Professional Experience		
2011. 3 ~ 2015. 2	Resident (PRS), Kyungpook National University Hospital: Daegu, KR	
2017. 8 ~ 2018. 8	Social contribution committee member, Korean Medical Association	
2018. 5 ~ 2020. 2	Fellowship, Kyungpook National University Chilgok Hospital: Daegu, KR	
2020. 3 ~ 2021. 2	Clinical Assistant Professor, Kyungpook National University Chilgok Hospital: Daegu, KR	
2021.3 ~ 2022.2	Clinical Assistant Professor, Kyungpook National University Hospital: Daegu, KR	
2022.3 ~ Present	Assistant Professor, Kyungpook National University School of Medicine: Daegu, KR	
Professional Organizations		
Korean Society of Plastic and Reconstructive Surgery		
Korean Cleft Palate-Craniofacial Association		
Korean Society for Aesthetic Plastic Surgery		
The Korean Association of Plastic Surgeons		
Korean Society of Artificial Intelligence in Medicine		



Main Scientific Publications

Lee JS, Kang HS, Chung JH, **Ryu JY**. Risk of congestive heart failure and mortality following lymphovenous anastomosis: a nationwide population-based retrospective cohort study. *Int J Surg*. 2024;110(2):1028-1038. Published 2024 Feb 1.

Ryu JY, Chang YJ, Lee JS, et al. A nationwide cohort study on incidence and mortality associated with extracranial vascular malformations. *Sci Rep*. 2023;13(1):13950. Published 2023 Aug 25. doi:10.1038/s41598-023-41278-z

Ryu JY, Kang MJ, Cho HG, Yang JD, Lee JS. Waist Circumference and Cardiovascular Risk Profiles after Autologous Breast Reconstruction: A Nationwide Population-Based Cohort Study. *J Clin Med*. 2023;12(8):3040. Published 2023 Apr 21. doi:10.3390/jcm12083040

Ryu JY, Hong HK, Cho HG, Lee JS, Yoo BC, Choi MH, Chung HY. Deep Learning for the Automatic Segmentation of Extracranial Venous Malformations of the Head and Neck from MR Images Using 3D U-Net. *Journal of Clinical Medicine*. 2022; 11(19):5593. <https://doi.org/10.3390/jcm11195593>

Ryu JY, Lee JH, Lee JS, Lee JW, Choi KY, Cho BC. Correction of a Secondary Bilateral Cleft Lip Nasal Deformity in Adults Using Repositioning of Both Lower Lateral Cartilages and Nasal Tip Plasty Through an Open Bilateral Reverse-U Incision. *J Craniofac Surg*. 2022;33(2):506-511. doi:10.1097/SCS.00000000000008265

Ryu JY, Park TH, Cho BC, Choi KY. The prevalence, risk of premature births, mortality and causes of death of cleft lip with or without palate in South Korea: a nationwide population-based cohort study [published online ahead of print, 2022 Feb 22]. *Int J Epidemiol*. 2022;dyac019.

Ryu JY, Park TH, Lee JS, et al. Wall shear stress on vascular smooth muscle cells exerts angiogenic effects on extracranial arteriovenous malformations. *Arch Plast Surg*. 2022;49(1):115-120. doi:10.5999/aps.2021.00626

Ryu JY, Park TH, Lee JS, et al. A nationwide cohort study on growth impairment by cleft lip with or without palate. *Sci Rep*. 2021;11(1):23609. Published 2021 Dec 8. doi:10.1038/s41598-021-03052-x

Ryu JY, Chung HY, Choi KY. Potential role of artificial intelligence in craniofacial surgery. *Arch Craniofac Surg*. 2021;22(5):223-231. doi:10.7181/acfs.2021.00507

Ryu JY, Kim YH, Lee JS, Lee JW, Oh EJ, Kim HM, Lee SJ, Lee J, Lee SY, Huh S, Kim JY, Im S, Chung HY. Oscillatory shear stress promotes angiogenic effects in arteriovenous malformations endothelial cells. *Mol Med*. 2021 Mar 31;27(1):31. doi: 10.1186/s10020-021-00291-6. PMID: 33789563; PMCID: PMC8011119.

Ryu JY, Yang JD. Invited Response on: "Usefulness of Incisional Negative Pressure Wound Therapy for Decreasing Wound Complication Rates and Seroma Formation Following Prepectoral Breast Reconstruction". *Aesthetic Plast Surg*. 2021 Mar 11. doi: 10.1007/s00266-021-02202-w. Epub ahead of print. PMID: 33709223.

Ryu JY, Lee JH, Kim JS, et al. Usefulness of Incisional Negative Pressure Wound Therapy for Decreasing Wound Complication Rates and Seroma Formation Following Prepectoral Breast Reconstruction [published online ahead of print, 2021 Jan 20]. *Aesthetic Plast Surg*. 2021;10.1007/s00266-020-02115-0. doi:10.1007/s00266-020-02115-0

Ryu JY, Lee JH, Lee JS, et al. Combined treatment of surgery and sclerotherapy for sinus pericranii. *Arch Craniofac Surg*. 2020;21(2):109-113. doi:10.7181/acfs.2019.00521

Ryu JY, Eo PS, Lee JS, et al. Surgical approach for venous malformation in the head and neck. *Arch Craniofac Surg*. 2019;20(5):304-309. doi:10.7181/acfs.2019.00416

Ryu JY, Eo PS, Tian L, et al. Surgical correction for Tessier number 7 craniofacial cleft using a medially overcorrected design. *Arch Plast Surg*. 2019;46(1):16-22. doi:10.5999/aps.2018.01193

Ryu JY, Lee JS, Lee JW, et al. Clinical Approaches to Vascular Anomalies of the Lip. *Arch Plast Surg*. 2015;42(6):709-715. doi:10.5999/aps.2015.42.6.709

Yang JD, **Ryu JY**, Ryu DW, et al. Our Experiences in Nipple Reconstruction Using the Hammond flap. *Arch Plast Surg*. 2014;41(5):550-555. doi:10.5999/aps.2014.41.5.550

