



KAROS
THE KOREAN ASSOCIATION OF
ROBOTIC SURGEONS

Curriculum Vitae

	Name in Full	Jongwoo Kim
	Country	Republic of Korea
	Affiliation	Kyung Hee University, Republic of Korea
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Educational Background

Doctor of Philosophy (Integrated Master/Ph.D.) in Mechanical & Aerospace Engineering

Department of Mechanical & Aerospace Engineering, Seoul National University, Seoul, Korea

Dissertation: “Variable Stiffness Mechanism using Anisotropic Patterning for Needle Steering”

Advisor: Prof. Kyu-Jin Cho

Bachelor of Science in Mechanical & Aerospace Engineering

Department of Mechanical & Aerospace Engineering, Seoul National University, Seoul, Korea

High School Diploma in Science and Technology

Korea Science Academy of KAIST, Busan, Korea

Professional Career

Academic Appointments

2021– Assistant Professor Department of Mechanical Engineering, Kyung Hee University, Republic of Korea

2021– Director, Biomedical and Intelligent Robotics Laboratory, Kyung Hee University, Republic of Korea

2022– Adjunct Professor, Graduate School of Artificial Intelligence, Kyung Hee University, Republic of Korea

Research Experience

2017–2019 Graduate Student Researcher, Center for Healthcare Robotics, Korea Institute of Science and Technology, Republic of Korea

2019–2021 Postdoctoral Research Fellow, The Wilfred and Joyce Posluns Centre for Image Guided Innovation & Therapeutic Intervention (PCIGITI), The Hospital for Sick Children, Canada

2019–2021 Postdoctoral Fellow, Continuum Robotics Laboratory, Robotics Institute, University of Toronto, Canada