

SEMINAR: "Navigating the Future of Surgery: Innovations in Surgical Vision"

RICHARD CHA

March 11, 2025

16:30 to 17:30

Seminar Room

Advancements in surgical technology have revolutionized the field of medicine, enabling safer and more precise procedures. Among these innovations, the development of new surgical vision tools stands out as a cornerstone for enhancing surgical outcomes. In this talk, we delve into the forefront of surgical vision technology, exploring its transformative potential and its role in shaping the future of surgery. Additionally, we will explore the integration of artificial intelligence (AI) algorithms into surgical imaging, enabling real-time analysis and decision support. Moreover, we will discuss the impact of these advancements on various surgical specialties, ranging from neurosurgery to general surgery, traditional open to potential autonomous robotic surgery, highlighting the diverse applications and benefits across different fields.

Hosted by: Prof. Dr. Turgut Durduran