Dr. Rıfat Rasier, M.D., Ph.D.
Associate Professor of Ophthalmology

Professional Summary

Accomplished ophthalmologist with extensive experience in clinical practice, biomedical engineering, and innovative research in eye surgery techniques. Proven track record in advancing surgical practices through the development of cutting-edge technologies, including laser tissue welding for cataract surgery. Strong academic background with multiple peer-reviewed publications, national and international awards, and recognition for outstanding contributions to the field of ophthalmology.

Education & Qualifications

Ph.D. in Biomedical Engineering
Boğaziçi University, Istanbul, Turkey
Graduated: 2017

- Graduated with an average of 4.0
- Focus: Laser welding for cataract surgery incisions

M.S. in Biomedical Engineering
Boğaziçi University, Istanbul, Turkey
Graduated: 2009

Specialization in Ophthalmology
Bilim University, Istanbul, Turkey
Graduated: 2010

M.D., Faculty of Medicine
Cerrahpaşa Medical School, Istanbul, Turkey
Graduated: 2004

Full Medical Registration (GMC)
General Medical Council, England
Completed: 2007

Clinical Experience

Associate Professor of Ophthalmology
Department of Ophthalmology, [University Name]
2016 – Present

- Provide advanced training and education in ophthalmology to medical students and residents.
- Lead research initiatives focused on improving surgical techniques and patient care.

Compulsory Service
Kırklareli State Hospital, Turkey
2012

- Served in a full-time clinical capacity, providing comprehensive ophthalmic care to patients in need.

Research & Innovations

Laser Tissue Welding for Cataract Surgery Incisions

- Developed an innovative procedure using infrared lasers to close incisions in the transparent layer of the eye during cataract surgery, reducing the need for sutures and minimizing infection risks.
- This procedure was documented in the international book *Infrared Lasers for Corneas Tissue Welding*.

Publications & Presentations

- *Number of Articles Published:* 22 in international refereed journals
- *Number of Papers Presented:* 10 in international scientific meetings
- *Number of Articles in National Journals:* 25
- *Number of National Presentations:* 91

Awards & Honors

- **Best Publication Award**
  Turkish Journal of Ophthalmology, 2010
  For: Corneal tissue welding with infrared lasers with different wavelengths in transparent corneal section.
- **Best Publication Award**
  Turkish Journal of Ophthalmology, 2011
  For: VEGF and IL-8 levels in vitreous fluid in proliferative vitreoretinopathy developing due to regmatogenic retinal detachment.
- **JCI Ten Outstanding Youngsters of Turkey**
  First Prize in Medical and Medical Inventions, 2010
- **Ministry of Industry, Teknogirişim Project Support, 2010**
- **Prof. Dr. Necati Tanyolaç Award**
  For projects and research in Biomedical Engineering and Technologies, 2017
- **Best Scientific Poster Second Prize**
  Turkish Ophthalmology Association National Congress, 2017

Skills & Expertise

- Advanced Cataract Surgery Techniques
- Laser Tissue Welding in Ophthalmology
- Ophthalmic Surgical Innovations
- Biomedical Engineering in Medicine
- Research and Development in Ophthalmic Technologies
- Academic Leadership and Mentorship
- Scientific Writing and Presentation

Languages

- Turkish (Native)
- English (Fluent)

Selected Publications

1. *Corneal Tissue Welding with Infrared Lasers and Different Wavelengths – Turkish Journal of Ophthalmology, 2010*
2. *VEGF and IL-8 Levels in Vitreous Fluid in Proliferative Vitreoretinopathy – Turkish Journal of Ophthalmology, 2011*
3. *Laser Closure of Cataract Surgery Incisions – International Book: Infrared Lasers for Corneas Tissue Welding*

Professional Associations

- Turkish Ophthalmology Association
- International Society of Ophthalmic Surgeons
- European Society of Cataract & Refractive Surgeons