

Special Issue

Clinical Applications and Surgical Integration of Advanced Ophthalmic Imaging

Message from the Guest Editor

Advances in ophthalmic imaging have transformed diagnostic precision, disease monitoring, and surgical decision-making in eye care. Emerging modalities—such as swept-source and ultra-widefield optical coherence tomography (OCT), OCT angiography, intraoperative OCT, adaptive optics imaging, and high-resolution ocular ultrasound—provide unprecedented visualization of ocular microstructures and vascular networks. Clinically, these technologies enable earlier detection of retinal, corneal, glaucomatous, and optic nerve pathologies; improve differentiation between overlapping disease entities; and support quantitative assessment of therapeutic response. As imaging systems become increasingly automated and interoperable with digital surgical platforms, they are reshaping precision ophthalmology by reducing surgical variability. This Special Issue highlights the current clinical applications, evolving surgical integrations, and future directions for advanced ophthalmic imaging in optimizing patient outcomes, and we welcome authors to submit papers on clinical applications and surgical integration of advanced ophthalmic imaging in terms of both diagnosis and treatment.

Guest Editor

Prof. Dr. Katarzyna Nowomiejska
Department of General and Pediatric Ophthalmology, Medical University of Lublin, 20-079 Lublin, Poland

Deadline for manuscript submissions

20 August 2026



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/265565

Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

[jcm](https://jcm.mdpi.com)





Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/journal/

[jcm](https://mdpi.com/journal/jcm)



About the Journal

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department, University Hospital Strasbourg, 67081
Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and Critical Care Medicine, The University of
Tokyo, Tokyo, Japan

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).