



PHILIPPINE JOURNAL OF Ophthalmology

A PUBLICATION OF THE PHILIPPINE ACADEMY OF OPHTHALMOLOGY • FOUNDED IN 1969

VOL. 50 NO. 2 • July - December 2025



- The Importance of Neuro-Ophthalmology Subspecialty in the Current Healthcare Landscape
- NOSP @ 2025: History and Legacy
- Etiology and Clinical Profile of Non-Glaucomatous Optic Neuropathy in a Tertiary Government Hospital in the Philippines
- Correlation of Glycosylated Hemoglobin Level with Pupillary Parameters using the Reflex PLR® Mobile Application in Type 2 Diabetes Mellitus Patients
- Correlation of Color Vision Impairment and Capillary Blood Glucose in Diabetic Patients without Retinopathy vs. in those with Mild Non-Proliferative Diabetic Retinopathy
- Dengue-Associated Neuroretinitis: A Case Report
- Isolated Oculomotor Nerve Palsy as the Initial Manifestation of CNS Tuberculoma in an HIV- Positive Adult: A Case Report
- A Rare Case of Nine Syndrome
- Surgical Resection and Postoperative Chemotherapy for Optic Nerve Glioma with Intracranial Extension in a 10-year-old Male: A Long-term Follow-up Case Report
- Metastatic Adenocarcinoma Presenting as an Orbital Mass with Orbital Apex Involvement: Application of Immunohistochemistry in Diagnostic Ophthalmic Pathology
- Non-arteritic Anterior Ischemic Optic Neuropathy and Semaglutide Use: An Advisory to Ophthalmologists and Other Health Care Professionals



Editorial Team

Editor-in-Chief

Franz Marie O. Cruz, MD, DPBO, FPAO

University of the Philippines-Philippine General Hospital
Manila, Philippines

Peregrine Eye and Laser Institute, Makati City, Philippines
St. Luke's Medical Center, Quezon City, Philippines

Managing Editor

Charisse Ann S. Tanlapco, MD, DPBO, FPAO

Ilocos Training and Regional Medical Center

San Fernando, La Union, Philippines

Region 1 Medical Center, Dagupan City Pangasinan, Philippines

The Medical City Pangasinan, Dagupan City, Pangasinan

Editorial Board

John Mark S. de Leon, MD, DPBO

East Avenue Medical Center, Quezon City, Philippines

Cardinal Santos Medical Center, San Juan City, Philippines

Manuel Benjamin B. Ibañez IV, MD, DPBO

Makati Medical Center, Makati City, Philippines

Bataan General Hospital and Medical Center, Bataan, Philippines

East Avenue Medical Center, Quezon City, Philippines

Ospital ng Maynila Medical Center, Manila, Philippines

Medical Center Taguig, Taguig, Philippines

Aubhugn Labiano, MD, DPBO

Manila Central University - Filemon D. Tanchoco

Medical Foundation Hospital, Caloocan City, Philippines

Keshia Lourdes L. Duyongco-Lenon, MD-MBA, DPBO

The Medical City Hospital, Pasig City, Philippines

Neil Gregory L. Onghanseng, MD, DPBO

De Los Santos Medical Center, Quezon City, Philippines

East Avenue Medical Center, Quezon City, Philippines

Makati Medical Center, Makati City, Philippines

Rizal Medical Center, Pasig City, Philippines

Felice Katrina T. Rancho, MD

University of the Philippines-Philippine General Hospital

Manila, Philippines

Diliman Doctors Hospital, Quezon City, Philippines

Calamba Medical Center, Laguna, Philippines

Alex S. Sua, MD, DPBO, FPAO, FPCS

University of Santo Tomas, Manila, Philippines

Cardinal Santos Medical Center, San Juan City, Philippines

Kristine Corpus Velasquez, MD, DPBO, FPAO

St. Luke's Medical Center, Quezon City, Philippines

Cardinal Santos Medical Center, San Juan City, Philippines

Clinica Tamesis Eye Center, Manila, Philippines

Special Editors for this Issue:

Aubhugn Labiano, MD, DPBO

Department of Ophthalmology, Manila Central University - Filemon D.

Tanchoco Medical Foundation Inc., Caloocan City, Philippines

Neuro-Ophthalmology Society of the Philippines

Maria Karina Montesines, MD, DPBO

Department of Ophthalmology, Ospital ng Makati, Taguig, Philippines

Department of Ophthalmology, Ospital ng Maynila Medical Center,

Manila, Philippines

Neuro-Ophthalmology Society of the Philippines

Marie Franz Alcalá, MD, DPBO

Department of Ophthalmology, Ospital ng Makati, Taguig, Philippines

Neuro-Ophthalmology Society of the Philippines



The PHILIPPINE JOURNAL OF OPHTHALMOLOGY (PJO) is the official journal of the Philippine Academy of Ophthalmology. It aims to provide a venue for exchange of ideas and information among ophthalmologists and other physicians. It publishes peer-reviewed

reports of original clinical and laboratory investigations, epidemiological studies done in the Philippines and other countries, major reviews of specific topics, evaluation of diagnostic and surgical techniques, treatment methods, latest updates and controversial issues in ophthalmology.

Initially published quarterly, the very first issue was dated January - March 1969 and entered as third-class mail at the Manila Post Office on February 13, 1969.

Journal International Standard Serial Number:
PHISSN 0031-7659

MISSION: To provide up-to-date medical and scientific information on ophthalmology.

VISION: The Philippine Journal of Ophthalmology is a peer-reviewed journal that provides a venue of exchange of medical and scientific information related to ophthalmology and visual sciences.



Philippine Journal of Ophthalmology

c/o Philippine Academy of Ophthalmology

Unit 815 Medical Plaza Makati, Amorsolo Street

corner De la Rosa Street Makati City, Philippines 1229

Telephone Number: +632-8813-5324; +632- 8813-5318

Email Address: pao.pjo2007@yahoo.com.ph; secretariat@pao.org.ph

Notice to Readers and Contributors

Submission

Electronic copy of manuscripts in editable Microsoft Word document may be emailed to pjo@pao.org.ph. Authors are directed to read and abide by the instructions to authors first on the website of the Philippine Journal of Ophthalmology. Along with the manuscript, authors must submit a duly accomplished and signed copyright transfer and an ICMJE disclosure of interest form. No manuscript will be reviewed until the signed copyright transfer is received.

The PJO is an open access, purely online, peer-reviewed journal. Manuscripts submitted for consideration are reviewed by editors and other experts in the field. Reviewers are consultants to the editor and are instructed not to discuss the paper with the authors. Reviewers should not cite the manuscript or refer to the work it describes before it has been published. Reviewers should refrain from using the information contained in the manuscript for the advancement of their own work or that of their colleague or institution.

Disclaimer

Statements and opinions expressed in the articles and communications herein are those of the author(s) and not necessarily those of the Editor(s) or the Publisher (Philippine Academy of Ophthalmology). The Editors and PAO assume no responsibility for any injury and or damage to persons or property as a matter of product liability or negligence or which otherwise arise from use or operation of any methods, products, instructions, or ideas cited or discussed in any article in the Journal.

Although all advertising materials are expected to conform to ethical and medical standards, the appearance of advertising in PJO does not constitute a guarantee or endorsement by the PJO or the PAO of the quality or value of the product or the claims for it by its manufacturer.



EDITORIAL 72

*The Importance of Neuro-Ophthalmology
Subspecialty in the Current Healthcare Landscape*

Franz Marie Cruz, MD

EDITORIAL 76

NOSP @ 2025: History and Legacy

Youko T. Sakurai, MD; Franz Marie Cruz, MD

ORIGINAL RESEARCH

*Etiology and Clinical Profile of Non- Glaucomatous Optic Neuropathy in a
Tertiary Government Hospital in the Philippines* 80

Jian Carlo R. Narag, MD, DPBO; Leonides Karlo C. Melendres III, MD, DPBO

ORIGINAL RESEARCH

*Correlation of Glycosylated Hemoglobin Level with Pupillary Parameters using the Reflex PLR®
Mobile Application in Type 2 Diabetes Mellitus Patients* 86

Eve Roxanne V. Apostol, MD; Maria Karina M. Montesines, MD, DPBO

ORIGINAL RESEARCH

*Correlation of Color Vision Impairment and Capillary Blood Glucose in Diabetic Patients
without Retinopathy vs. in those with Mild Non-Proliferative Diabetic Retinopathy* 93

Karen B. Reyes, MD, MBA-Regis; Margarita Justine O. Bondoc-Hermosa, MD;

Maria Cecilia P. Garcia-Arenal, MD, MHA; Rachelle C. Perez, MD

CASE REPORT

Dengue-Associated Neuroretinitis: A Case Report 99

Minnette G. Dagta, MD; Adrian P. Bautista, MD; Erwin D. Palisoc, MD, PhD, FPAO

CASE REPORT

*Isolated Oculomotor Nerve Palsy as the Initial Manifestation of CNS Tuberculoma in an
HIV-Positive Adult: A Case Report* 103

Franz Marie Cruz, MD; Katerina T. Leyritana, MD; Arthur Dessi Roman, MD; Jose Leonard Pascual, MD

CASE REPORT

A Rare Case of Nine Syndrome 108

Youko T. Sakurai, MD; Maria Karina M. Montesines, MD

CASE REPORT

*Surgical Resection and Postoperative Chemotherapy for Optic Nerve Glioma with
Intracranial Extension in a 10-year-old Male: A Long-term Follow-up Case Report* 112

Jo Anne Hernandez-Tan, MD; Karen B. Reyes, MD, MBA; Neiman Vincent Bargas, MD; Benedict Estolano, MD

CASE REPORT

*Metastatic Adenocarcinoma Presenting as an Orbital Mass with Orbital Apex Involvement:
Application of Immunohistochemistry in Diagnostic Ophthalmic Pathology* 117

Farida Marcelle Vergara, MD; Stacey Aquino-Cohitmingao, MD, DPBO; Earl Sarabosing, MD, DPBO

SPECIAL COMMUNICATION

*Non-arteritic Anterior Ischemic Optic Neuropathy and Semaglutide Use: An Advisory to
Ophthalmologists and Other Health Care Professionals* 122

Aubhugn Labiano, MD; Franz Marie Cruz, MD; Maria Karina M. Montesines, MD; Stacey Aquino Cohitmingao, MD; Roberto N. Uy, MD; E. Ulysses Dorotheo, MD; Clarissa Marie S. Tady, MD

CORRIGENDUM 126