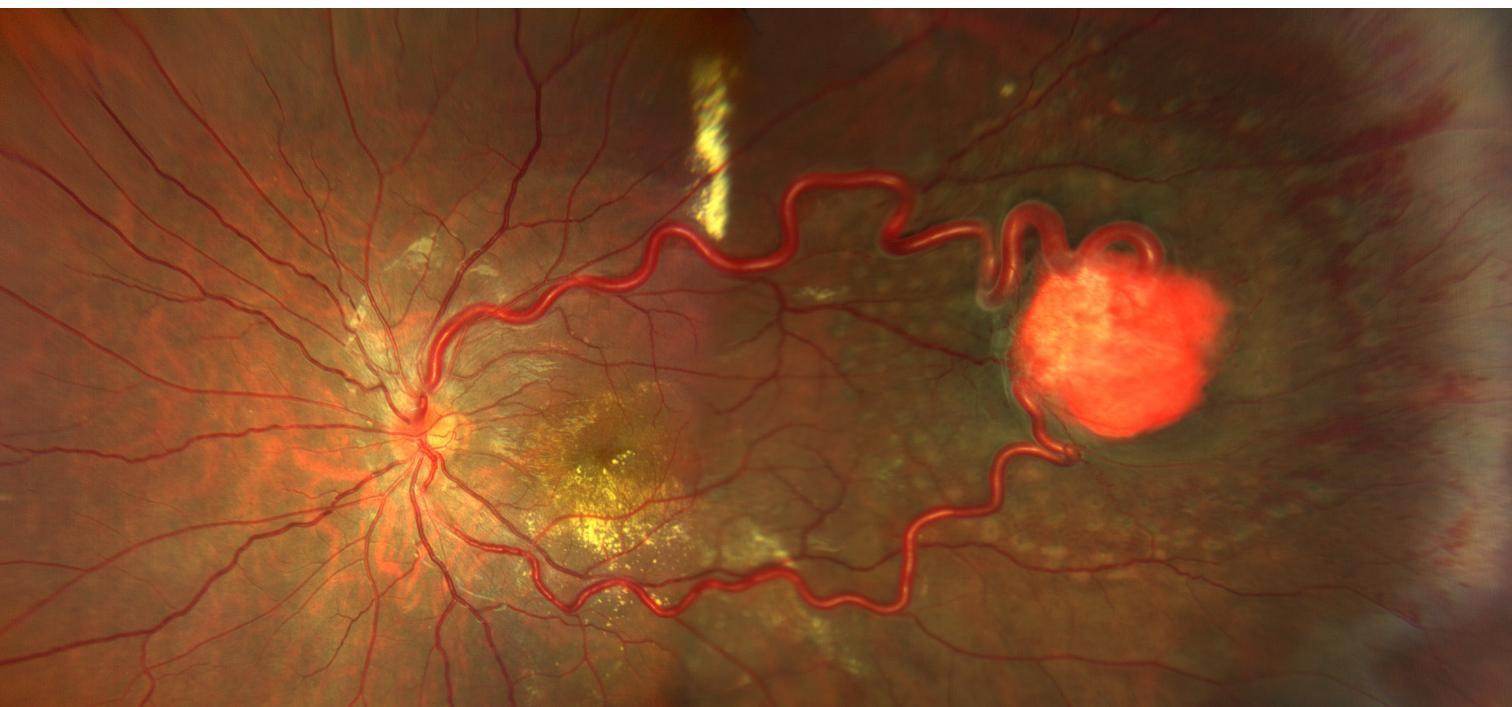


# **ZEISS CLARUS Fundus Imaging**

## Literature Compendium



**Clinical compendium of peer-reviewed journal articles**  
Volume I



Seeing beyond

# Table of Contents

<b>Broadline Fundus Imaging &amp; Technology</b>	<b>3</b>
<b>Field of View Comparison</b>	<b>4</b>
<b>Imaging Modalities Including FAF, FA, ICG</b>	<b>5</b>
<b>Multi-modal Imaging</b>	<b>5</b>
<b>Diabetic Retinopathy Assessment</b>	<b>6</b>
<b>AMD Assessment</b>	<b>7</b>
<b>Glaucoma Assessment</b>	<b>7</b>
<b>Widefield Imaging used in Other Disease Assessment</b>	<b>8</b>
<b>Deep Learning and Artificial Intelligence</b>	<b>9</b>
<b>Pediatric and Widefield Imaging</b>	<b>9</b>

# Broadline Fundus Imaging & Technology

1. Castilho, G, Marback, E, Novais, E, Guerra, E. **Choroidal Nevus Through A Broader Vision: Retinal Imaging Acquisition Captured With Broad Line Fundus Imaging Technology.** *Research Square*, May 2022 researchsquare.com <https://doi.org/10.21203/rs.3.rs-1620401/v1>
2. Fulmer, P, Epshtein, D. **Real World Experience with ZEISS CLARUS 500.** *New Grad Optometry*, August 2018 <https://www.youtube.com/watch?v=hQ0TLJswGIA&feature=youtu.be>
3. Epshtein, D. **A Complete Guide To The CLARUS 500 Ultra-Widefield Retinal Camera.** *Eyes on Eyecare*, May 2018 <https://eyesoneyecare.com/resources/complete-guide-clarus-500-ultra-widefield-retinal-camera/>
4. Carpenter, A, Omlor, L, Leahy, C, Foote, K, Straub, J. **Retinal Topography Using A Fundus Imager And Structured-Illumination Approach.** *Investigative Ophthalmology & Visual Science*, June 2020, Volume 61, Issue 7 <https://iovs.arvojournals.org/article.aspx?articleid=2769448>
5. Omlor, L, Foote, KG, Leahy, C, Carpenter, A. **High Resolution Retinal Defocus Measurement Using Digital Structured Illumination.** *Investigative Ophthalmology & Visual Science*, June 2021, Volume 62, Issue 8 <https://iovs.arvojournals.org/article.aspx?articleid=2773212>
6. Leita Guerra, R, Castilho, MG. **Let's Talk About Retinal Imaging Analysis.** *Retina Today*. May/June 2022 Imaging <https://retinatoday.com/articles/2022-may-june/lets-talk-about-retinal-imaging-analysis?c4src=topic:imaging:feed>
7. Juaristi, L, Irigoyen, C, Chapartegui, J, Guibelalde, A, Mar, J. Juaristi L, et al. **Assessing the Utility and Patient Satisfaction of Virtual Retina Clinics During COVID-19 Pandemic.** *Clin Ophthalmol*, 2022 Feb 9;16:311-321. eCollection 2022.Clin Ophthalmol. 2022. PMID: 35173410 <https://doi.org/10.2147/OPTH.S349939>
8. Hanumunthadu, D, Adan, K, Tinkler, K, Balaskas, K, Hamilton, R, Nicholson, L. **Outcomes Following Implementation of a High-Volume Medical Retina Virtual Clinic Utilising a Diagnostic Hub During COVID-19.** In *Eye*. (London, England) 36 (3), pp. 627–633. DOI: 10.1038/s41433-021-01510-4. <https://www.nature.com/articles/s41433-021-01510-4>

# Field of View Comparison

1. Matsui, Y, Ichio, A, Sugawara, A, Uchiyama, E, Suimon, H, Matsubara, H, Sugimoto, M, Ikesgui, K, Kondo, M. **Research Article Comparisons of Effective Fields of Two Ultra-Widefield Ophthalmoscopes, Optos 200Tx and CLARUS 500.** *BioMed Research International*, Volume 2019, Article ID 7436293, 7 pages <https://www.hindawi.com/journals/bmri/2019/7436293/>
2. Chen, A, Dang, S, Chung, MM, Ramchandran, RS, Bessette, AP, DiLoreto, DA, Kleinman, D, Sridhar, J, Wykoff, CC, Kuriyan, AE. **Quantitative Comparison of Fundus Images by 2 Ultra-Widefield Fundus Cameras.** *Ophthalmology Retina*, 2021 – Elsevier, Volume 5, Issue 5, May 2021, Pages 450-457 <https://doi.org/10.1016/j.oret.2020.08.017>
3. Wu, C, Brock, TK, Chen, MH. **Comparing Field of View in Ultra-Widefield Fundus Imaging.** *Investigative Ophthalmology & Visual Science*, July 2019, Volume 60, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2746643>
4. Chen, J. **Comparison of the Performance of Four Fundus Cameras in Clinical Practice.** *Investigative Ophthalmology & Visual Science*, July 2019, Volume 60, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2745212>
5. Kuriyan, AE, Dang, S, Chen, A, Chung, M, Ramchandran, R, Diloreto, D, Bessette, A, Kleinman, D, Sridhar, J, Wykoff, CC. **Quantitative Comparison of Retinal Pixel Area Imaged by Ultra-Wide Field Fundus Cameras.** *Investigative ophthalmology & Visual Science*, July 2019 Volume 60, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2741945>
6. Kumar, J, Kohli, P, Babu, N, Krishnakumar, K, Arthur, D, Ramasamy, K. **Comparison of Two Ultra-Widefield Imaging for Detecting Peripheral Retinal Breaks Requiring Treatment.** *Graefe's Archive for Clinical and Experimental Ophthalmology*, 259, 1427-1434, September 2020 <https://link.springer.com/article/10.1007/s00417-020-04938-8>
7. Okamoto, R, Sawada, O, Ichiyama, Y, Ichiyama, Y, Obata, S, Kakinoki, M, Sawada, T, Saishin, Y, Ohji, M. **Comparison of Imaging Area Between CLARUS® And Optos®.** *Investigative ophthalmology & Visual Science*, July 2019, Volume 60, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2741959>
8. Mastral, RO. **Accuracy in the Measurements of the Melanocytic Masses of the Eye Fundus with Two Different Retinographs According to the Location of the Mass.** *Universidad Zaragoza, Departamento de Óptica y Optometría Curso*, 2019 2020 <https://zaguau.unizar.es/record/98126/files/TAZ-TFG-2020-2100.pdf?version=1>

# Imaging Modalities Including FAF, FA, ICG

1. C Pole, H Ameri, **Fundus Autofluorescence and Clinical Applications.** *Journal of Ophthalmic and Vision Research* (JOVR), July-Sept 2021, Volume 16, Issue 3 <https://knepublishing.com/index.php/JOVR/article/view/9439/15782>
2. Sannapuri, V, Palimar, V, Umamaheshwar, V. **Evaluation of Fundus Autofluorescence Patterns in Patients with Central Serous Chorioretinopathy-A Prospective, Observational Study.** *Journal of Ophthalmology Clinics and Research*, July 2022, Volume 2, Issue 1 Pages 40-46. jocr.in  
<https://www.jocr.in/article.asp?issn=WKMP-0230;year=2022;volume=2;issue=1;spage=40;epage=46;aulast=Sannapuri>
3. Leahy, C, Nolan, D, Sprowl, R, Covita, A, Schneider, E, Griffith, J. **Widefield Simultaneous Fluorescein/Indo-Cyanine Green Angiography Using a Slit-Scanning Ophthalmoscope.** *Investigative Ophthalmology & Visual Science*, July 2020, Volume 61, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2770461>
4. Bindewald-Wittich, A, Swenson, T, Carasco, E, et al. **Blue-Light Fundus Autofluorescence Imaging Following Ruthenium-106 Brachytherapy for Choroidal Melanoma.** *Ophthalmologica*, 2020;243:303–315 - karger.com  
<https://doi.org/10.1159/000504715>
5. Bindewald-Wittich, A, Holz, FG, Ach, T, Fiorentzis, M, Bechrakis, N, Willerding, G. **Fundus Autofluorescence Imaging in Patients with Choroidal Melanoma.** *Cancers*, April 2022, Volume 14, Issue 7 - mdpi.com  
<https://www.mdpi.com/2072-6694/14/7/1809>
6. Ren, H, Su, S, Kolli, A, D'Souza, N, Manivannan, N. **Foreground-Background Registration for Angiography Fundus Images.** *Investigative Ophthalmology & Visual Science*, June 2022, Volume 63, Issue 7  
<https://iovs.arvojournals.org/article.aspx?articleid=2783361>

# Multi-modal Imaging

1. Ripa, M, Motta, L, Florit, T, Sahyoun, JY, Matello, V, Parolini, B. **The Role of Widefield and UltraWidefield Optical Coherence Tomography in the Diagnosis and Management of Vitreoretinal Diseases.** *Diagnostics*, September 2022, 12, 2247 <https://www.mdpi.com/2075-4418/12/9/2247>
2. Kaiser, P. **Multi-Modality Imaging: Latest Evolutions in OCTA and UWF.** *Retina Today*, March 2018.  
[http://retinatoday.com/pdfs/0318\\_insert2.pdf](http://retinatoday.com/pdfs/0318_insert2.pdf)
3. Schaal, S, Gill, M, Freund, K, Waheed, N. **The Latest Retina Diagnostic Tools.** *Ophthalmology Management*, Volume: 23, Issue: July 2019, page(s): 34, 36, 37  
<https://www.ophthalmologymanagement.com/issues/2019/july-2019/the-latest-retina-diagnostic-tools>
4. Kubach, S, Korobelnik, JF, Sisternes, L. **Comparison of Dual 15x15 Optical Coherence Tomography Montage with Fluorescein Angiography Fundus Image on Diabetic Retinopathy Patients.** *Investigative Ophthalmology & Visual Science*, August 2021, Volume 62, Issue 11- [iovs.arvojournals.org](https://iovs.arvojournals.org/article.aspx?articleid=2776704)  
<https://iovs.arvojournals.org/article.aspx?articleid=2776704>
5. Gerendas, BS, Matakova, A, Goldbach, F, Jakob, A, Brugger, J, Schmidt-Erfurth, U. **Comparison of Diabetic Retinopathy Severity Scores and Landmark Measurements from Ultra-Widefield Cameras to the Gold Standard of 7-Field Color Fundus Photography.** *Investigative Ophthalmology & Visual Science*, June 2022, Volume 63, Issue 7  
<https://iovs.arvojournals.org/article.aspx?articleid=2779924>
6. Herrmann, P, Lorenz, B, Scholz, JP, Brinken, R, Preising, M, Kupper, K, Cavriani, N, Wirtz, L, Holz, F. **Multimodal Widefield Imaging for Postoperative Monitoring in Patients Treated with Voretigene Neparvovec.** *Investigative Ophthalmology & Visual Science*, June 2022, Volume 63, Issue 7  
<https://iovs.arvojournals.org/article.aspx?articleid=2781671>

# Diabetic Retinopathy Assessment

1. Hirano, T, Imai, A, Kasamatsu, H, Kakihara, S, Toriyama, Y, Murata, T. **Assessment of Diabetic Retinopathy Using Two Ultra-Wide-Field Fundus Imaging Systems, The CLARUS® and Optos™ Systems.** *BMC Ophthalmology*, December 2018, 18(1):332 <https://doi.org/10.1186/s12886-018-1011-z>
2. Ashraf, M, Shokrollahi, S, Salongcay, RP, et al. **Diabetic Retinopathy and Ultrawide Field Imaging.** *Seminars in Ophthalmology*, February 2020, Volume 35, Issue 1 - Taylor & Francis Online <https://www.tandfonline.com/doi/abs/10.1080/08820538.2020.1729818>
3. Khan, R, Raman, S, Karamcheti, S, Srinivasan, S, Sharma, A, Surya, J, Bhende, M, Ramasamy, K, Verma, A, Raman, R. **Comparison of Two Ultra-Widefield Cameras with High Image Resolution and Wider View for Identifying Diabetic Retinopathy Lesions.** *Translational Vision Science & Technology*, October 2021, volume 10, Issue 12 <https://tvst.arvojournals.org/article.aspx?articleid=2777957>
4. Nanegrungsunk, O, Patikulsila, D, Sadda, S. **Ophthalmic Imaging in Diabetic Retinopathy: A Review.** *Clinical & Experimental Ophthalmology*, September 2022. Wiley Online Library <https://onlinelibrary.wiley.com/doi/full/10.1111/ceo.14170>
5. Lim, W, Grimaldi, G, Nicholson, L, Basheer, K, Rajendram, R. **Widefield Imaging with CLARUS Fundus Camera Vs Slit Lamp Fundus Examination in Assessing Patients Referred from the National Health Service Diabetic Retinopathy Screening Programme Eye**, volume 35, pages 299–306 (2021) <https://doi.org/10.1038/s41433-020-01218-x>
6. Li, D, Choudhry, N. **Ultrawidefield Imaging for Diabetic Retinopathy.** *Retinal Physician*, September 2019. <https://www.retinalphysician.com/issues/2019/september-2019/ultrawidefield-imaging-for-diabetic-retinopathy>
7. Fernández-Espinosa, G, Orduna-Hospital, E, Boned-Murillo, A, Diaz-Barreda, M, Sanchez-Cano, A, Sopena-Pinilla, M, Pinilla, I. **Choroidal and Retinal Thicknesses in Type 2 Diabetes Mellitus with Moderate Diabetic Retinopathy Measured by Swept Source OCT.** *Biomedicines, MDPI*, September 2022 10(9), 2314 <https://doi.org/10.3390/biomedicines10092314>
8. Fernández-Espinosa, G, Boned-Murillo, A, Hospital, E, et al. **Retinal Vascularization Abnormalities Studied by Optical Coherence Tomography Angiography (OCTA) in Type 2 Diabetic Patients with Moderate Diabetic Retinopathy.** *Diagnostics*, January 2022, 12(2), 379; mdpi.com <https://www.mdpi.com/2075-4418/12/2/379>
9. Barikian, A, Fortún, J. **Imágenes De Campo Ultra Amplio En La Retinopatía Diabética.** [oftalmologoaldia.com](http://oftalmologoaldia.com), June 2020. <https://oftalmologoaldia.com/blog/2020/06/19/imagenes-de-campo-ultra-amplio-en-la-retinopatia-diabetica/>
10. Stino, H, Riessland, S, Sedova, A, Datlinger, F, Sacu, S. **Comparison of Two Ultra-Widefield Color-Fundus Imaging Devices for Visualization of Retinal Periphery and Microvascular Lesions in Patients With Early Diabetic Retinopathy.** *Scientific Reports*, 2022 <https://www.nature.com/articles/s41598-022-21319-9>
11. Willis, J, Ali, F, Argente, B, Domalpally, A, Gannon, J, Gao, S. et al. **Feasibility Study of a Multimodal, Cloud-Based, Diabetic Retinal Screening Program in a Workplace Environment.** *Translational Vision Science & Technology.* *Translational Vision Science & Technology*. <https://tvst.arvojournals.org/article.aspx?articleid=2772594>

## AMD Assessment

1. Maruyama-Inoue, M, Kitajima, Y, Mohamed, S, Inoue, T, Sato, S, Ito, A, Yamane, S, Kadonosono, K. **Sensitivity and Specificity Of High-Resolution Wide Field Fundus Imaging for Detecting Neovascular Age-Related Macular Degeneration.** *Plos One*, August 2020 <https://doi.org/10.1371/journal.pone.0238072>
2. Kurt, RA, Mestanoglu, M. **Ultra-widefield Imaging in Age-Related Macular Degeneration.** *Retina-Vitreus/Journal of Retina*, 2021, 30:99-103. researchgate.net  
[https://www.researchgate.net/publication/350038757\\_Ultra-widefield\\_imaging\\_in\\_age-related\\_macular\\_degeneration](https://www.researchgate.net/publication/350038757_Ultra-widefield_imaging_in_age-related_macular_degeneration)
3. Pivarov, A, Oellers, P. **Peripheral Manifestations in Age Related Macular Degeneration: A Review of Imaging and Findings.** *Journal of Clinical Medicine*, September 2021, Volume 10, Issue 17, mdpi.com  
<https://www.mdpi.com/2077-0383/10/17/3993>

## Glaucoma Assessment

1. Dash, S, Satish Rama Chowdary, P Raju,C, Umamaheshwar, Y, Charan, K. **Optic Disc Segmentation Based on Active Contour Model for Detection and Evaluation of Glaucoma on a Real-Time Challenging Dataset.** *Intelligent Data Engineering and Analytics*, pp 367-377, February 2022 [http://dx.doi.org/10.1007/978-981-16-6624-7\\_37](http://dx.doi.org/10.1007/978-981-16-6624-7_37)
2. Foote, KG, Sha, P, Pahlevan-Chaleshtari, T, Falkenstein, I, Severin, T, Lee, G, Callan, T. **Structure and Function Comparison of Cup/Disc Ratio and Perimetric Mean Deviations.** *Investigative Ophthalmology & Visual Science*, June 2022, Volume 63, Issue 7 <https://iovs.arvojournals.org/article.aspx?articleid=2782192>
3. Dash, S, Chowdary, PSR, Chakravarthy, V. **Real Time Retinal Optic Disc Segmentation via Guided filter and Discrete Wavelet Transform.** *Journal of Physics: Conference Series*, 2022 - iopscience.iop.org  
<https://iopscience.iop.org/article/10.1088/1742-6596/2312/1/012007/meta>

# Widefield Imaging and Screening Used in Other Disease Assessments

1. Ballios, BG Weisbrod, D, Kohly, R, Muni, RH, Wright, T, Yan, P. **Wide-Field True-Colour Imaging and Clinical Characterization of a Novel Grk1 Mutation In Oguchi Disease.** *Documenta Ophthalmologica*, March 2020, 141, 181-185 <https://link.springer.com/article/10.1007/s10633-020-09759-y>
2. Covita, A, Chen, MH, Leahy, C. **Correlation Between Meibomian Gland Appearance and Tear Breakup Time Using a Slit Scanning Ophthalmoscope.** *Investigative ophthalmology & Visual Science*, July 2019, Volume 60, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2746605>
3. Ludwig, CA, Moon, J Garg, I, Miller, JB. **Ultra-Widefield Imaging For Evaluation of the Myopic Eye.** *Seminars in Ophthalmology*, Feb 2021 - Taylor & Francis Online <https://doi.org/10.1080/08820538.2021.1887904>
4. Aschauer, J, Aschauer, S, Pollreisz, A, et al. **Identification of Subclinical Microvascular Biomarkers in Coronary Heart Disease in Retinal Imaging.** *Translational Vision Science & Technology*, November 2021, Volume 10, Issue 13- tvst. arvojournals.org <https://tvst.arvojournals.org/article.aspx?articleid=2778089>
5. Salz, J Seibel, B. **Screening with Widefield Fundus Photography.** *Ophthalmology Management*, June 2019. <https://www.opthalmologymanagement.com/issues/2019/june-2019/screening-with-widefield-fundus-photography>
6. Selvin, G, Maa, A, Weiss, SJ. **Chapter 13 Technology Considerations for Implementing an Eye Telehealth Program Ocular Telehealth**, 2023 – Elsevier <https://doi.org/10.1016/B978-0-323-83204-5.00013-5>
7. Robles, C, Prieto, PM Marin-Sanchez, JM, Alcon, E, Taña, P, Hervella, L, Christaras, D, Ginis, H, Artal, P. **Inverted Meniscus IOLs Reduce Retinal Distortion in the Peripheral Visual Field.** *Investigative Ophthalmology & Visual Science*, June 2022, Volume 63, Issue 7 <https://iovs.arvojournals.org/article.aspx?articleid=2783104>
8. Miguel, VM, Felipe, RS, C Sonia, ZP. **Retinal Arterial Occlusive Vasculitis Following IgA Nephropathy: A Case Report.** *European Journal of Ophthalmology*, July 2022 - journals.sagepub.com <https://doi.org/10.1177/11206721221111688>
9. Hoogmartens, C, Rickmann, A, Bocqué, C, Szurman, P, et al. **Late Onset Visual Loss Due to Retinal Atrophy in Atypical Mucolipidosis Type IV.** *Der Ophthalmologe*, 119, 90-92, January 2021 <https://pubmed.ncbi.nlm.nih.gov/33502543/>
10. Shenoy, P, Kohli, GM, Kerketta, A, Pathak, P, Shetty, S, Barde, P, Chakma, T, Sen, A. **Clinical Profile and Response to Steroids in Post-Fever Retinitis: A Nine-Year Experience From a Referral Institute in the Rural Hinterland of Central India.** *International Ophthalmology*, July 2021, 4055–4063 <https://pubmed.ncbi.nlm.nih.gov/34297305/>
11. Remolí Sargues, L, Adsuar, C, Taulet, E. **Twelve-Year Follow Up of a Case of Autosomal Recessive Bestrophinopathy with Transient Resolution of Retinal Edema in One Eye.** *European Journal of Ophthalmology*, January 2022 - journals.sagepub.com <https://doi.org/10.1177/11206721211073211>

## Deep Learning and Artificial Intelligence

1. Zhou, WD, Dong, L, Zhang, K, Wang, Q, Shao, L, Yang, Q, Liu, Y Fang, L Shi, X, Zhang, C, Zhang, R, Li, H, Wu, H, Wei, W. **Deep Learning for Automatic Detection of Recurrent Retinal Detachment after Surgery Using Ultra-Widefield Fundus Images: A Single-Center Study.** *Advanced Intelligent Systems*, July 2022, Wiley Online Library <https://doi.org/10.1002/aisy.202200067>
2. Dave, P, Makedonsky, K, Manivannan, N, Sha, P, Chen, M, Durbin, M. **Automatic Laterality Finding Using Deep Learning in Fundus Images.** *Investigative Ophthalmology & Visual Science*, July 2019, Volume 60, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2745935>
3. Yang, J, Tian, K, Yu, W, Wei, Q, Ding, D, Zhao, J, Li, X, Chen, Y. **Diagnostic Performance of Deep Learning for Multiple Retinal Diseases Based on Wide-Field Fundus Photographs of True Color.** *Investigative Ophthalmology & Visual Science*, June 2022, Volume 63, Issue 7 <https://iovs.arvojournals.org/article.aspx?articleid=2782332>
4. Manivannan, N, Leahy, C, Covita, A, Sha, P, Mionchinski, S, Yang, J, Shi, Y, Gregori, G, Rosenfeld, P, Durbin, M. **Predicting Axial Length and Refractive Error by Leveraging Focus Settings from Widefield Fundus Images.** *Investigative Ophthalmology & Visual Science*, June 2022, Volume 63, Issue 7 <https://iovs.arvojournals.org/article.aspx?articleid=2770443>
5. Manivannan, N, Makedonsky, K, Lyu, C, Gregori, G, Rosenfeld, P, Durbin, M. **Deep Learning Based GA Segmentation in Fundus Autofluorescence Images.** *Investigative Ophthalmology & Visual Science*, July 2019, Volume 60, Issue 9 <https://iovs.arvojournals.org/article.aspx?articleid=2746638>

## Pediatric and Widefield Imaging

1. Belenje, A, Reddy, R, Agarwal, K, Parmeswarappa, D, Jalali, S. **Natural History of Subclinical Neovascularization in Nonexudative Age-Related Macular Degeneration Using Swept-Source OCT Angiography.** *Eye*, October 2022 - nature.com <https://www.nature.com/articles/s41433-022-02273-2>
2. Lorenz, B, Preising, MN. **Inherited Retinal Degenerations in the Pediatric Population.** *A Quick Guide to Pediatric Retina*, January 2021 [https://link.springer.com/chapter/10.1007/978-981-15-6552-6\\_24#chapter-info](https://link.springer.com/chapter/10.1007/978-981-15-6552-6_24#chapter-info)
3. Kousal, B, Hlavata, L, Vlaskova, H, Dvorakova, L, et al. **Clinical and Genetic Study of X-Linked Juvenile Retinoschisis in the Czech Population.** *Genes*, November 2021, Volume 12, Issue 11 <https://www.mdpi.com/2073-4425/12/11/1816>

 0297



**Carl Zeiss Meditec, Inc.**

5300 Central Parkway  
Dublin, CA 94568  
USA  
[www.zeiss.com/CLARUS](http://www.zeiss.com/CLARUS)  
[www.zeiss.com/med/contacts](http://www.zeiss.com/med/contacts)



**Carl Zeiss Meditec AG**

Goeschwitz Str. 51-52  
07745 Jena  
Germany  
[www.zeiss.com/CLARUS](http://www.zeiss.com/CLARUS)  
[www.zeiss.com/med/contacts](http://www.zeiss.com/med/contacts)

**en-INT\_31\_200\_0238I** Printed in the United States. CZ-IV/2022 International edition: Only for sale in selected countries.  
The contents of the compendium may differ from the current status of approval of the product or service offering in your country. Please contact our regional representatives for more information. Subject to changes in design and scope of delivery and as a result of ongoing technical development. PLEX Elite is either a trademark or registered trademark of Carl Zeiss Meditec AG or other companies of the ZEISS Group in Germany and/or other countries.  
© Carl Zeiss Meditec, Inc., 2022. All rights reserved.