

## Publikationsliste

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### Original articles

1. Corneal endothelial cell loss and corneal thickness in conventional compared with femtosecond laser-assisted cataract surgery: three-month follow-up.  
Conrad-Hengerer I, Al Juburi M, Schultz T, Hengerer FH, Dick HB  
J Cataract Refract Surg. 39(9):1307-13.
2. Femtosecond laser-induced macular changes and anterior segment inflammation in cataract surgery.  
Conrad-Hengerer I, Hengerer FH, Al Juburi M, Schultz T, Dick HB (2014) J Refract Surg. 30(4):222-6.
3. Comparison of visual recovery and refractive stability between femtosecond laser-assisted cataract surgery and standard phacoemulsification: six-month follow-up.  
Conrad-Hengerer I, Al-Sheikh M, Hengerer FH, Schultz T, Dick HB (2015) J Cataract Refract Surg. 41(7):1356-64.
4. Image artefacts in swept-source optical coherence tomography angiography.  
Ghasemi Falavarjani K, Al-Sheikh M, Akil H, Sadda SR (2016)  
Br J Ophthalmol. 101(5):564-568
5. Swept-Source OCT Angiography Imaging of the Foveal Avascular Zone and Macular Capillary Network Density in Diabetic Retinopathy.  
Al-Sheikh M, Akil H, Pfau M, Sadda SR (2016) Invest Ophthalmol Vis Sci. 57(8):3907-13
6. Treat-and-Extend Age-Related Macular Degeneration Study Group (2016) Macular Atrophy in Neovascular Age-Related Macular Degeneration with Monthly versus Treat-and-Extend Ranibizumab: Findings from the TREX-AMD Trial.  
Abdelfattah NS, Al-Sheikh M, Pitetta S, Mousa A, Sadda SR, Wykoff CC, Ophthalmology 124(2):215-223
7. Repeatability of automated vessel density measurements using optical coherence tomography angiography.  
Al-Sheikh M, Tepelus TC, Nazikyan T, Sadda SR (2017) Br J Ophthalmol. 101(4):449-452
8. Retinal vessel calibre measurements by optical coherence tomography angiography.  
Ghasemi Falavarjani K, Al-Sheikh M, Darvizeh F, Sadun AA, Sadda SR (2017) Br J Ophthalmol. 124(2):215-223

9. Type 1 versus Type 3 Neovascularization in Pigment Epithelial Detachments Associated with Age-Related Macular Degeneration after Anti-Vascular Endothelial Growth Factor Therapy: A Prospective Study.  
Chen X, Al-Sheikh M, Chan CK, Hariri AH, Abraham P, Lalezary M, Lin SG, Sadda S, Sarraf D (2016)  
Retina 36 Suppl 1:S50-S64
10. Choroidal thickness and structural glaucoma parameters in glaucomatous, preperimetric glaucomatous, and healthy eyes using swept-source OCT.  
Akil H, Al-Sheikh M, Falavarjani KG, Francis B, Chopra V (2017) Eur J Ophthalmol. 30;27(5):548-554
11. Quantitative Comparison of Swept-source and Spectral-Domain OCT Angiography in Healthy Eyes.  
Al-Sheikh M, Falavarjani KG, Tepelus TC, Sadda SR (2017) Ophthalmic Surg Lasers Imaging Retina 48(5):385-391
12. Quantitative OCT Angiography of the Retinal Microvasculature and the Choriocapillaris in Myopic Eyes.  
Al-Sheikh M, Phasukkijwatana N, Dolz-Marco R, Iafe NA, Freund KB, Sadda SR, Sarraf D (2017)  
Invest Ophthalmol Vis Sci. 58(4):2063-2069
13. Impact of Image Quality Index on OCT Angiography based quantitative measurements.  
Al-Sheikh M, Ghasemi Falavarjani K, Akil H, Sadda SR (2017)  
Int J Retina Vitreous. 3:13. doi: 10.1186/s40942-017-0068-9.
14. Correlation Between Mesopic Retinal Sensitivity and Optical Coherence Tomographic Metrics of the Outer Retina in Patients With Non-Atrophic Dry Age-Related Macular Degeneration.  
Tepelus TC, Hariri AH, Al-Sheikh M, Sadda SR (2017) Ophthalmic Surg Lasers Imaging Retina 48:312-318
15. Impact of Multiple En Face Image Averaging on Quantitative Assessment from Optical Coherence Tomography Angiography Images.  
Uji A, Balasubramanian S, Lei J, Baghdasaryan E, Al-Sheikh M, Sadda SR (2017)  
Ophthalmology 124:944-952
16. Swept-source OCT angiography imaging of the macular capillary network in glaucoma.  
Akil H, Chopra V, Al-Sheikh M, Ghasemi Falavarjani K, Huang AS, Sadda SR, Francis BA (2017)  
Br J Ophthalmol. doi: 10.1136/bjophthalmol-2016-309816.

17. Quantitative Features of the Choriocapillaris in Healthy Individuals Using Swept-Source Optical Coherence Tomography Angiography  
Al-Sheikh M, Falavarjani KG, Pfau M, Uji A, Le PP, Sadda SR (2017) Ophthalmic Surg Lasers Imaging Retina 48(8):623-631
18. Peripapillary pachychoroid syndrome.  
Phasukkijwatana N, Freund KB, Dolz-Marco R, Al-Sheikh M, Keane PA, Egan CA, Randhawa S, Stewart JM, Liu Q, Hunyor AP, Kreiger A, Nagiel A, Lalane R, Rahimi M, Lee WK, Jampol LM, Sarraf D (2017) Retina 38:1652-1667
19. Choriocapillaris Imaging Using Multiple En Face Optical Coherence Tomography Angiography Image Averaging.  
Uji A, Balasubramanian S, Lei J, Baghdasaryan E, Al-Sheikh M, Sadda SR (2017) JAMA Ophthalmol. 135(11):1197-1204
20. Repeatability and reproducibility of superficial macular retinal vessel density measurements using optical coherence tomography en face images.  
Lei J, Durbin MK, Shi Y, Uji A, Balasubramanian S, Baghdasaryan E, Al-Sheikh M, Sadda SR (2017) JAMA Ophthalmol. 135(10):1092-1098
21. Reliability of confocal white-light fundus imaging for measurement of retina pigment epithelial atrophy in age-related macular degeneration.  
Lei J, Al-Sheikh M, Shi Y, Uji A, Fan W, Balasubramanian S, Sadda SR (2017) Retina 38:1930-1936
22. Biomarkers of Neovascular Activity in Age-related Macular Degeneration using Optical Coherence Tomography Angiography.  
Al-Sheikh M, lafe NA, Phasukkijwatana N, Sadda SR, Sarraf D (2018) Retina 38:220-230
23. Toxoplasma gondii-Associated Bilateral Panuveitis and Encephalitis after Bone Marrow Transplantation.  
Papazoglou A, Zweifel S, Barthelmes D, Al-Sheikh M, Boeni C (2018) Klin Monbl Augenheilkd. 235:478-479
24. Multimodal imaging of choroidal lesions in disseminated mycobacterium chimaera infection after cardiothoracic surgery.  
Böni C, Al-Sheikh M, Hasse B, Eberhard R, Kohler P, Hasler P, Erb S, Hoffmann M, Barthelmes D, Zweifel SA (2017) Retina. doi: 10.1097/IAE.0000000000001991.
25. Topographic Correspondence of Macular Atrophy With Choroidal Neovascularization in Ranibizumab-treated Eyes of the TREX-AMD Trial.  
Abdelfattah NS, Hariri AH, Al-Sheikh M, Pitetta S, Ebraheem A, Wykoff CC, Sadda SR; TREX-AMD Study Group (2018)

Am J Ophthalmol. 192:84-90

26. Multiple enface image averaging for enhanced optical coherence tomography angiography imaging.  
Uji A, Balasubramanian S, Lei J, Baghdasaryan E, Al-Sheikh M, Borrelli E, Sadda SR. (2018)  
Acta Ophthalmol. 96:e820-e827
27. Quantitative Assessment of the Choriocapillaris in Patients With Retinitis Pigmentosa and in Healthy Individuals Using OCT Angiography.  
Guduru A, Al-Sheikh M, Gupta A, Ali H, Jalali S, Chhablani J. (2018)  
Ophthalmic Surg Lasers Imaging Retina 49:e122-e128.
28. Ocular syphilis may lead to persistent visual dysfunction.  
Hamann T, Al-Sheikh M, Zweifel S, Meier F, Barthelmes D, Böni C. (2019).  
Klin Monbl Augenheilkd. 2019 Apr;236(4):516-522.
29. Imaging in inherited retinal diseases.  
Muftuoglu IK, Al-Sheikh M, J S, Rasheed MA, Singh SR, Chhablani J.  
Eur J Ophthalmol. 2021 Jul;31(4):1656-1676.
30. Globotriaosylsphingosine Levels and Optical Coherence Tomography Angiography in Fabry Disease Patients.  
Wiest MRJ, Toro MD, Nowak A, Baur J, Fasler K, Hamann T, Al-Sheikh M, Zweifel SA.  
J Clin Med. 2021 Mar 5;10(5):1093. doi: 10.3390/jcm10051093.
31. Macular capillary displacement in exudative and tractional macular oedema: a multimodal imaging study and pathophysiological hypothesis.  
Govetto A, Mazzotta F, Al-Sheikh M, Mauro A, Romano MR  
Graefes Arch Clin Exp Ophthalmol. 2021 Dec;259(12):3675-3685.
32. Retinal Vascular Events after mRNA and Adenoviral-Vectored COVID-19.  
Girbardt C, Busch C, Al-Sheikh M, Gunzinger JM, Invernizzi A, Xhepa A, Unterlauf JD, Rehak M.  
Vaccines (Basel): 2021 Nov 17;9(11):1349.
33. Polypoidal choroidal vasculopathy based on non-ICGA criteria in white patients with neovascular age-related macula degeneration.  
Chaikitmongkol V, Ozimek M, Srisomboon T, Patikulasila D, Fraser-Bell S, Chhablani J, Choovuthayakorn J, Watanachai N, Kunavisarut P, Rodríguez-Valdés PJ, Lozano-Rechy D, Lupidi M, Al-Sheikh M, Fung AT, Busch C, Mehta H, Gabrielle PH, Zur D, Ramon D, Sangkaew A, Ingviya T, Amphornprut A, Cebeci Z, Couturier A, Mendes TS, Giampoli E, Igllicki M, Invernizzi A, Lains I, Rehak M, Sala-Puigdollers A, Okada M, Loewenstein A, Bressler NM.

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34. Structural features of patients with drusen-like deposits and systemic lupus erythematosus. Kukan M, Driban M, Vupparaboina KK, Schwarz S, Kitay AM, Rasheed MA, Busch C, Barthelmes D, Chhablani J, Al-Sheikh M. J Clin Med. 2022 Oct 12:11(20)
35. Myopic macular schisis: insights into distinct morphological subtypes and novel biomechanical hypothesis. Al-Sheikh M, Govetto A, Phasukkijwatana N, Repetto R, Romano MR, Virgili G, Zweifel S, Barthelmes D, Freund KB, Sadda SR, Sarraf D. Eur J of Ophthalmol. 2023 Apr 18;11206721231166164.
36. Relationship of Vessel Density to Vessel Length Density in Patients with Treated Fabry Disease. Wiest M, Toro MR, Nowak A, Bajka A, Fasler K, Al-Sheikh M, Hamann T, Zweifel S. Diagnostics 2023, 13, 1227.
37. Quantitative structural retinal layer analysis with optical coherence tomography in patients treated with Hydroxychloroquine Kitay A, Chhablani J, Busch C, Schwarz S, Zur D, Newman H, Habet-Wilner Z, Goldstein M, Driban M, Vupparaboina KK, Barthelmes D, Al-Sheikh M Finalizing manuscript. To be submitted.
38. Effects of Hydroxychloroquine Therapy on Choroidal Volume and Choroidal Vascularity Index Hasan N, Driban M, Mohammed AR, Schwarz S, Yoosuf S, Barthelmes D, Vupparaboina KK, Al-Sheikh M, Chhablani J Submitted
39. Functional and morphological retinal characteristics of patients with drusen-like deposits and systemic lupus erythematosus Kitay M, Hanson J, Chhablani J, Barthelmes D, Gerth-Kahlert C, Al-Sheikh M Manuscript finalized. To be submitted.
40. Progression of Hydroxychloroquine Retinopathy: a long-term follow-up. Kitay A, Driban M, Chhablani J, Zur D, Barthelmes D, Al-Sheikh M. In preparation
41. Epidemiological analysis of Hydroxychloroquine Intake in a tertiary center. Gunzinger M, Kitay A, Hanson J, Barthelmes D, Al-Sheikh M In preparation

## Case Reports

42. Optic disc pit associated with an unusual outer retinal hole and nasal peripheral retinoschisis.  
Corvi F, Nguyen TV, Juhn A, Corradetti G, Al-Sheikh M, Zweifel SA, Satta SR. (2020)  
Retin Cases Brief Rep. 2020 Dec 18.
43. Acute unilateral vision loss and dermal necrosis after nose filler injection.  
Pretot D, Al-Sheikh M, Gunzinger J, Kahlert C.  
Klin Monbl Augenheilkd. 2022 Apr;239(4):401-403.
44. Rapid onset hydroxychloroquine toxicity.  
Jeltsch BM, Sarraf D, Hanson JVM, Berger W, Pfiffner FK, Barthelmes D, Al-Sheikh M.  
Retin Cases Brief Rep. 2023 Mar 1. doi: 10.1097/ICB.0000000000001393
45. Optical Coherence Tomography of Retinal Granulomas in Presumed Ocular Sarcoidosis  
Gunzinger JM, Fasler K, Al-Sheikh M, Stahel M, Zweifel SA  
Klein Monbl Augenheilkd. 2023 Apr;240(4):563-565.
46. Quiescent Circular Type 1 Macular Neovascularisation Around Atrophy on OCTA.  
Fasler K, Al-Sheikh M, Gunzinger JM, Barthelmes D, Zweifel S.  
Klin Monatsbl Augenheilkd 2023; 240: 514–515
47. Incidental Unilateral Retinal Vessel Findings and Its Consequences  
Kitay AM, Zweifel S, Barthelmes D, Gunzinger JM, Al-Sheikh M, Fasler K  
Klin Monatsbl Augenheilkd 2023; 240: 502–504
48. Macular serpiginous chorioretinitis associated with Francisella tularensis infection: A case report  
Friedl E, Simmen S, Langenegger S, Gunzinger JM, Zweifel S, Barthelmes D, Al-Sheikh M  
Manuscript finalized. To be submitted.

## Book chapters

49. Al-Sheikh M, Satta SR (2017) Spectral Domain Optical Coherence Tomography Angiography Using NIDEK RS-3000 Advance. In: Optical Coherence Tomography Angiography of the Eye. Lumbroso B, Jia Y, Waheed NK (eds), pp 81-87, SLACK Incorporated, New York.

50. Al-Sheikh M, Sadda SR (2017) Healthy retinal vasculature. In: Atlas of Swept Source Optical Coherence Tomography. Michalewska Z, Jerzy N (eds.), pp 37-42, Springer.
51. Al-Sheikh M, Sadda SR (2017) Swept Source OCT in Retinal Vein Occlusion. In: Atlas of Swept Source Optical Coherence Tomography. Michalewska Z, Jerzy N (eds.), pp 129-133, Springer.
52. Al-Sheikh M, Barthelmes D (2020). Pathogenesis of choroidal neovascularization. Choroidal Neovascularization. J. Chabblani. ISBN 978-981-15-2212-3, Springer.

### **Others**

53. Al-Sheikh M, Le PP, Sadda SR (2017) Autofluorescence Imaging of the Retina. American Academy of Ophthalmology. Focal Points. Volume XXXV, Number 11 (Module 2 of 3).