

Curriculum Vitae

Personal Information

Name	Sadiq Said
Degree (title)	Federal diploma in medicine (Dr. med.) Fellow of European Board of Ophthalmology (FEBO)
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Medical school	University of Zurich
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Education

2012 - 2015	Bachelor of Medicine (University of Zurich, Zurich, Switzerland)
2015 - 2018	Master of Medicine (University of Zurich, Zurich, Switzerland) <i>Master Thesis "A comparison of central corneal thickness measurements using Galilei Dual Scheimpflug Analyzer, Optovue Optical Coherence Tomography and PalmScan surgical pachymeter in normal eyes." (Prof. Dr. med. Klara Landau, Department of Ophthalmology, University Hospital Zurich, Zurich, Switzerland)</i>
09/ 2018	Diplome Federal de Medecine (pract. med.)
2020 - 2020	Doctoral Thesis " <i>The Haemostasis Traffic Light, a user-centred coagulation management tool for acute bleeding situations: a simulation-based randomised dual-centre trial.</i> " (Prof. Dr. med. Donat R. Spahn, Institute of Anesthesiology, University Hospital Zurich, Zurich, Switzerland)

Professional Career

10/2018 – 04/2019	Doctoral candidate (PD. Dr. med. Marc Toeteberg-Harms, Department of Ophthalmology, University Hospital Zurich, Zurich, Switzerland)
04/2019 – 12/2019	Residency in Anesthesiology (Institute of Anesthesiology, University Hospital Zurich, Zurich, Switzerland)
01/2020 – 12/2020	Research associate (Prof. Dr. med. Donat R. Spahn, Institute of Anesthesiology, University Hospital Zurich, Zurich, Switzerland)
01/2021 – 12/2023	Residency in Ophthalmology (Department of Ophthalmology, University Hospital Zurich, Zurich, Switzerland)
01/2024 – today	Residency in Ophthalmology (Augenlinik Wettingen, Wettingen, Switzerland)

Memberships

Since 2018	FMH Swiss Medical Association
Since 2020	European Society of Anesthesiology
Since 2021	European Society of Cataract and Refractive Surgery
Since 2021	Swiss Society of Ophthalmology, Young Swiss Ophthalmologists

Certifications

01/2017	United States Medical Licensing Examination Step 1 (Geneva, Switzerland)
08/2018	Good Clinical Practice Course: Module 1 & 2 (Clinical Trials Center, University Hospital Zurich, Zurich, Switzerland)
03/2019	United States Medical Licensing Examination Step 2 CK (Geneva, Switzerland)
12/2020	Good Clinical Practice Course: Module 3 (Clinical Trials Center, University Hospital Zurich, Zurich, Switzerland)
09/2022	Schober refraction course (Munich, Germany)
03/2023	Swiss Society of Ophthalmology refraction course (Aarau, Switzerland)
09/2023	EGS European Glaucoma Residents' Course (Lisbon, Portugal)
05/2024	Fellow of European Board of Ophthalmology (Paris, France)

Publications

Original Papers

(‡shared first authorship)

1. ‡**Said S**, ‡Malgorzata G, Roche TR, Braun J, Rössler J, Kaserer A, Spahn DR, Nöthiger CB, Tscholl DW. Validation of the Raw National Aeronautics and Space Administration Task Load Index (NASA-TLX) Questionnaire to Assess Perceived Workload in Patient Monitoring Tasks: Pooled Analysis Study Using Mixed Models. *J Med Internet Res*. 2020 Sep 7;22(9):e19472. doi: 10.2196/19472.
2. ‡Roche TR, ‡**Said S**, Rössler J, Malgorzata G, Meybohm P, Zacharowski K, Spahn DR, Nöthiger CB, Tscholl DW. Physicians' Perceptions of Visual Clot (Situation Awareness-oriented Visualization Technology for Viscoelastic blood coagulation management): Mixed methods study. *JMIR Serious Games*. 2020 Dec 4;8(4):e19036. doi: 10.2196/19036.
3. Roche TR, Braun J, Ganter MT, Meybohm P, Herrmann J, Zacharowski K, Raimann FJ, Piekarski F, Spahn DR, Nöthiger CB, Tscholl DW, **Said S**. Voice alerting as a medical alarm modality for next-generation patient monitoring: a randomised international multicentre trial. *Br J Anaesth*. 2021 Nov;127(5):79-777. doi: 10.1016/j.bja.2021.07.015. Epub 2021 Aug 26.
4. ‡Roche TR, ‡**Said S**, Braun J, Maas EJC, Machado C, Grande B, Kolbe M, Spahn DR, Nöthiger CB, Tscholl DW. Avatar-based patient monitoring in critical anaesthesia events: a randomised high-fidelity simulation study. *Br J Anaesth*. 2021 May;126(5):1046-1054. doi: 10.1016/j.bja.2021.01.015. Epub 2021 Apr 8.
5. ‡Kataife ED, ‡**Said S**, Braun J, Roche TR, Rössler J, Kaserer A, Spahn DR, Mileo FG, Tscholl DW. The Haemostasis Traffic Light, a user-centred coagulation management tool for acute bleeding situations: a simulation-based randomised dual-centre trial. *Anaesthesia*. 2021 Jul;76(7):902-910. doi: 10.1111/anae.15314.
6. **Said S**, Roche TR, Braun J, Ganter MT, Meybohm P, Herrmann J, Zacharowski K, Rivas E, Lopez-Baamonde M, Raimann FJ, Piekarski F, Spahn DR, Nöthiger CB, Tscholl DW. Effects of an Animated Blood Clot Technology (Visual Clot) on the Decision-Making of Users Inexperienced in Viscoelastic Testing: Multicenter trial. *J Med Internet Res*. 2021 May 3;23(5):e27124. doi: 10.2196/27124.
7. Roche TR, Wetli DJ, Braun J, Kataife ED, Mileo FG, Spahn DR, Tscholl DW, **Said S**. Physicians' perception regarding acute bleeding management: an international mixed qualitative quantitative study. *BMC Anesthesiol*. 2021 Feb 10;21(1):43. doi: 10.1186/s12871-021-01269-x.
8. Roche TR, Maas EJC, **Said S**, Braun J, Machado C, Spahn DR, Noethiger SB, Tscholl DW. Anesthesia personnel's visual attention regarding patient monitoring in simulated non-critical

- and critical situations, an eye-tracking study. *BMC Anesthesiol.* 2022 May 30;22(1):167. doi: 10.1186/s12871-022-01705-6.
9. Castelluci C, Braun J, **Said S**, Roche TR, Noethiger CB, Spahn DR, Tscholl DW, Akbas S. Faster Time to Treatment Decision of Viscoelastic Coagulation Test Results through Improved Perception with the Animated Visual Clot: A Multicenter Comparative Eye-Tracking Study. *Diagnostics (Basel)*. 2022 May 19;12(5):1269. doi: 10.3390/diagnostics12051269.
 10. Welti DJ, Bergauer L, Noethiger CB, Roche TR, Spahn DR, Tscholl DW, **Said S**. Improving Visual-Patient-Avatar Design Prior to Its Clinical Release: A mixed Qualitative and Quantitative Study. *Diagnostics (Basel)*. 2022 Feb 21;12(2):555. doi: 10.3390/diagnostics12020555.
 11. Geiger F, **Said S**, Bajka A, Toro MD, Wiest MRJ, Stahel M, Barthelmes D, Zweifel SA. Assessing Choroidal Nevi, Melanomas and Indeterminate Melanocytic Lesions Using Multimodal Imaging – A Retrospective Chart Review. *Curr Oncol.* 2022 Feb 11;29(2):1018-1028. doi: 10.3390/curroncol29020087.
 12. Ljubenovic A, **Said S**, Braun J, Grande B, Kolbe M, Spahn DR, Noethiger CB, Tscholl DW, Roche T. Visual Attention of Anesthesia Providers in Simulated Anesthesia Emergencies Using Conventional Number-Based and Avatar-Based Patient Monitoring: Prospective Eye-Tracking Study. *JMIR Serious Games*. 2022 Mar 22;10(1):e35642. doi: 10.2196/35642.
 13. Akbas S, **Said S**, Roche TR, Noethiger CB, Spahn DR, Tscholl DW, Bergauer L. User Perceptions of Different Vital Signs Monitor Modalities During High-Fidelity Simulation: Semiquantitative Analysis. *JMIR Hum Factors*. 2022 Mar 18;9(1):e34677. doi: 10.2196/34677.
 14. Bergauer L, Kataife ED, Mileo FG, Roche TR, **Said S**, Spahn DR, Tscholl DW, Wetli DJ. Physicians' perceptions of two ways of algorithm presentation: Graphic versus text-based approach. *Ergonomics*. 2022 Oct;65(10):1326-1337. doi: 10.1080/00140139.2022.2029581. Epub 2022 Feb 4.
 15. Bajka A, Foa N, Sidhu S, Rejdak M, **Said S**, Wiest MRJ, Hamann T, Blaser F, Zweifel SA. Analysis of Blood Flow in the Macula and Optic Nerve Head in Healthy Young Volunteers Using Laser Speckle Flowgraphy. *Klin Monbl Augenheilkd.* 2023 Apr;240(4):608-612. doi: 10.1055/a-2026-0924. Epub 2023 Apr 25.
 16. Wiest MWJ, Gunzinger JM, Hamann T, Fasler K, **Said S**, Bajka A, Muth DR, Barthelmes D, Blaser F, Zweifel SA. Natural Course of Solar and Laser-associated Retinal and Macular Injuries at a Primary Care Hospital in Switzerland. *Klin Monbl Augenheilkd.* 2023 Apr;240(4):516-521. doi: 10.1055/a-2021-7724. Epub 2023 Apr 25.
 17. Bajka A, Muth DR, Wiest MRJ, **Said S**, Rejdak M, Sidhu S, Foa N, Blaser F, Barthelmes D, Toro MD, Souied EH, Deuel JW, Schlagenhaut P, Zweifel SA. Analysis of Optical Coherence

Tomography (OCT) and Optical Coherence Tomography Angiography (OCTA) Parameters in Young Patients after SARS-CoV-2 Infection (Covid-19) Compared with Healthy Young Controls. *Diagnostics* (Basel). 2023 Mar 28;13(7):1283. doi: 10.3390/diagnostics13071283.

18. Schuknecht A, Wiest MRJ, **Said S**, Bajka A, Hamann T, Muth DR, Fasler K, Blaser F, Barthelmes D, Zweifel SA. Ophthalmological Outcomes in Patients with Susac Syndrome. *Klin Monbl Augenheilkd.* 2024 Apr;241(4):477-481. doi:10.1055/a-2243-4913. Epub 2024 Apr 23.
19. Blaser F, Immer F, Kruegel N, Franscini N, Tappeiner C, Rennesson C, Massa H, Reinshagen H, Früh B, Kaufmann C, Meneau I, **Said S**. National Consensus on Contraindications for Corneal Donation for Transplantation in Switzerland. *Klin Monbl Augenheilkd.* 2024 Apr;241(4):412-416. doi: 10.1055/a-2211-9614. Epub 2024 Apr 23.
20. Wiest MRJ, Schuknecht A, Hamann T, Fasler K, **Said S**, Bajka A, Muth DR, Barthelmes D, Blaser F, Zweifel SA. Evaluation of Increase in Retinal Thickness as Diagnostic Marker in Central Artery Occlusion. *Klin Monbl Augenheilkd.* 2024 Apr;241(4):441-444. doi: 10.1055/a-2239-0526. Epub 2024 Apr 23.
21. Blaser F, Meneau I, Mihic-Probst D, Muth DR, Barthelmes D, Zweifel SA, **Said S**, Bajka A. A Novel Technique of Aseptic Manufacture of Autologous Serum Eye Drops (ASEDs) and Sterility Analysis of the Bottled Ophthioles. *Klin Monbl Augenheilkd.* 2024 Apr;241(4):392-397. doi: 10.1055/a-2249-0056. Epub 2024 Apr 23.
22. Blaser F, Bajka A, Grimm F, Metzler S, Herrmann D, Barthelmes D, Zweifel SA, **Said S**. Assessing PCR-Positive Acanthamoeba Keratitis – A Retrospective Chart Review. *Microorganisms.* 2024 Jun 17;12(6):1214. doi: 10.3390/microorganisms12061214.
23. Bajka A, **Said S**, Quiblier C, Schulthess B, Reinhold I, Barthelmes D, Zweifel SA, Blaser F. Long-Term Prevalence of Fungal Keratitis at a Swiss Tertiary Eye Clinic. *Microorganisms.* 2024 Aug 10;12(8):1637. doi: 10.3390/microorganisms12081637.

Case reports

1. **Said S**, Muth DR, Barthelmes D, Hamann T, Bajka A, Wiest MRJ, Zweifel SA, Blaser F. No Pain, No Gain – Topical Anesthesia-induced Keratopathy. *Klin Monbl Augenheilkd.* 2023 Apr;240(4):456-458. doi: 10.1055/a-2013-2661. Epub 2023 Apr 25.
2. **Said S**, Muth DR, Barthelmes D, Hamann T, Bajka A, Wiest MRJ, Zweifel SA, Blaser F. Microsporidial stromal keratitis: a Rare Entity in Central Europe. *Klin Monbl Augenheilkd.* 2023 Apr;240(4):387-390. doi: 10.1055/a-2013-2600. Epub 2023 Apr 25.
3. **Said S**, Blaser F, Link B, Gunzinger JM, Hanson J, Fasler K, Muth DR, Barthelmes D, Zweifel SA. Hunter Syndrome and Bull's Eye Maculopathy. *Klin Monbl Augenheilkd.* 2024 Apr;241(4):463-467.

4. **Said S**, Schowtzer R, Muth DR, Fasler K, Barthelmes D, Zweifel SA, Blaser F. Monoclonal Gammopathy of Ocular Significance – A Case Report. *Klin Monbl Augenheilkd*. 2024 Apr;241(4):468-471. doi: 10.1055/a-2211-9351. Epub 2024 Apr 23.

Reviews

1. Tscholl DW, Rössler J, **Said S**, Kaserer A, Spahn DR, Nöthiger CB. Situation Awareness-Oriented Patient Monitoring with Visual Patient Technology: A Qualitative Review of the Primary Research. *Sensors (Basel)*. 2020 Apr 9;20(7):2112. doi: 10.3390/s20072112.
2. Blaser F, Zweifel S, Wiest MRJ, Bajka A, **Said S**, Barthelmes D, Muth DR. Severe Complications after Corneal Collagen Cross-Linking (CXL). *Klin Monbl Augenheilkd*. 2023 Apr;240(4):456-458. doi: 10.1055/a-2013-2661. Epub 2023 Apr 25.

Clinical Picture

1. **Said S**, Blaser F. Sectoral Heterochromia. *N Engl J Med*. 2023 Jul 27;389(4):e6. doi: 10.1056/NEJMicm2301437.
2. **Said S**, Bosch MM, Blaser F. Finding ochronotic sclera and ear discoloration in a 75-year-old man leads to a diagnosis of alkaptonuria. *Lancet*. 2024 Dec 7;404(10469):e7. doi: 10.1016/S0140-6736(24)02508-X.