

List of publications:

1. Deliberations of the Safety Task Force: Risk factors and treatment of adverse events associated with aesthetic injectables. Andreas Nikolis, Joel L Cohen, Kaitlyn M Enright, Luiz Avelar, Katie Belezny, Brian Biesman, Hugues Cartier, Sebastian Cotofana, Sabrina Fabi, Rebecca Fitzgerald, Greg Goodman , Won Lee, Meire Parada, Berthold Rzany, Leonie Schelke, Hang Wang, Torun Bromée, Steven Weiner. *J Cosmet Dermatol*. 2024 Nov;23(11):3551-3564. doi: 10.1111/jocd.16476. Epub 2024 Aug 20
2. Schelke L, Lowrey N, Mojallal A, Rowland-Warmann MJ, Wortsman X , Sigrist RM, Velthuis PJ, Cotofana S. Post-Treatment Displacement of Facial Soft Tissue Fillers-A Retrospective Ultrasound-based Investigation of 382 Zygomatic Regions. *Dermatol Surg*. 2024 Oct 1;50(10):946-952. doi: 10.1097/DSS.0000000000004257. Epub 2024 Jun 4. PMID: 38833408; PMCID: PMC11424053.
3. Schelke LW, Velthuis PJ, Mojallal A, HenryAG, Hofer SOP, Cotofana SC. Reticulated livedoid skin patterns after soft-tissue filler related vascular adverse events. *J Am Acad Dermatol*. 2024 Jul;91(1):37-42. doi: 10.1016/j.jaad.2024.02.008. Epub 2024 Feb 15.
4. Kadouch J, Schelke L, Groh O, Sokol V, Velthuis P. Intralesional hyaluronidase injection to relieve non-hyaluronic acid filler-induced vascular adverse events. *Int J Dermatol*. 2024 Sep;63(9):1252-1255. doi: 10.1111/ijd.17355. Epub 2024 Jul 2.
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7. Ximena Wortsman 1 2 3, Natacha Quezada 2 4, Osvaldo Peñaloza 4, Fernanda Cavallieri 5, Leonie Schelke 6, Peter Velthuis 6. Ultrasonographic Patterns of Calcium Hydroxyapatite According to Dilution and Mix With Hyaluronic Acid. *J Ultrasound Med*. 2023 Mar 27. doi: 10.1002/jum.16226. Online ahead of print.
8. Schelke L, Decates TS, Cartier H , Cotofana S, Velthuis P. Investigating the Anatomic Location of Soft Tissue Fillers in Noninflammatory Nodule Formation: An Ultrasound-Imaging-Based Analysis. *Derm Surgery* March 15, 2023. | DOI: 1097/DSS.0000000000003756
9. Cotofana S, Schelke LW, Velthuis PJ. Commentary on: Doppler Ultrasound Guided Filler Injections: Useful Tips to Integrate Ultrasound in the Daily Practice. *Aesthet Surg J*. 2023 Feb 2;sjad022. doi: 10.1093/asj/sjad022. Online ahead of print.
10. Schelke LW, Velthuis P, Kadouch J, Swift A. Early ultrasound for diagnosis and treatment of vascular adverse events with hyaluronic acid filler. *J Am Acad Dermatol*. 2023 Jan;88(1):79-85. doi: 10.1016/j.jaad.2019.07.032. Epub 2019 Jul 17

11. Schelke L, Velthuis PJ, Lowry N, Rohrich RJ, Swift A, Alfertshofer M, Frank K, Gotkin RH, Cotofana S. Precision in Midfacial Volumization using Ultrasound-assisted Cannula Injections. *Plast Reconstr Surg.* 2023 Jan 2. doi: 10.1097/PRS.0000000000010131.
12. Schelke L, Farber N, Swift A. Ultrasound as an Educational Tool in Facial Aesthetic Injections. *Plast Reconstr Surg Glob Open* 2022 Dec 12;10(12):e4639. doi: 10.1097/GOX.0000000000004639
13. Tom S Decates 1, Andries E Budding 2, Peter J Velthuis 1, Yara Bachour 3, Lisanne W Wolters 2, Leonie W Schelke 1, Tamar E C Nijsten 1, Frank B Niessen 3. Bacterial contamination is involved in the etiology of soft tissue filler, late-onset inflammatory adverse events. *Plast Reconstr Surg.* 2022 Dec 19. doi: 10.1097/PRS.0000000000010074.
14. Leonie W Schelke, Peter J Velthuis, Tom Decates, Jonathan Kadouch, Michael Alfertshofer, Konstantin Frank, Sebastian Cotofana. Ultrasound-guided Targeted vs. Regional Flooding: A Comparative Study for Improving the Clinical Outcome in Soft Tissue Filler Vascular Adverse Event Management. *Aesthet Surg J.* 2023 Jan 9;43(1):86-96. doi: 10.1093/asj/sjac227.
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17. Stella Desyatnikova, Leonie Schelke. Treatment of filler-related vascular occlusion using handheld portable ultrasound device. *J Cosmet Dermatol.* 2022 Jul;21(7):3166-3168.
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19. Filler Anatomy. Peter Velthuis, MD, Leonie Schelke, MD, Sebastian Cotofana, MD, PhD. *Aesthetic Surgery Journal*, 2022, Vol 42(1) NP89- NP90.
20. Real-Time Ultrasound Imaging of the Tear Trough: Lessons Learned from Functional Anatomy. Mariana Calomeni, MD; Michael G. Alfertshofer; Konstantin Frank, MD; Nicholas Moellhoff, MD; Rebekah Dennison, BS; Bruna Bravo, MD; Leonie Schelke, MD, PhD; Peter Velthuis, MD, PhD; Jeremy B. Green, MD; and Sebastian Cotofana, MD, PhD *Aesthet Surg J.* 2021 Oct 5;sjab351.
21. Leonie Schelke M.D., PhD^{1,2}, Peter J. Velthuis M.D PhD. 1, Natalia Lowry M.D. Ph.D.,³ Rod J. Rohrich M.D.,⁴ Arthur Swift M.D.,⁵ Robert H. Gotkin M.D.,⁶ Nicholas Moellhoff M.D.,⁷ Konstantin Frank M.D.,⁷ Mihai Dumbrava B.A.⁸, Sebastian Cotofana M.D. Ph.D.⁸ The Mobility of the Superficial and Deep Midfacial Fat Compartments – An Ultrasound – based Investigation. *J Cosmet Dermatol.* 2021 Dec;20(12):3849-3856
22. Velthuis PJ, Schelke LW. Fillers and Vessels: The Story of Arterial Obstruction after Cosmetic Treatment *J Angiol Vasc Surg* 2021, 6: 069 DOI: 10.24966/AVS-7397/100069
23. Fabio Ingallina M.D.^{1*}, Michael G. Alfertshofer ^{2*}, Leonie Schelke M.D. ³, Peter J. Velthuis M.D. Ph.D. ⁴, Konstantin Frank M.D.², Samir Mardini M.D.⁵, Elena Millesi ⁵, Denis Ehrl M.D. Ph.D.², Jeremy B. Green M.D. ⁶, Sebastian Cotofana M.D. Ph.D. The Fascia’s of the Forehead and Temple Aligned – An Anatomic Narrative Review

24. Cotofana S, Alfertshofer M, Frank K, Bertucci V, Belezny K, Swift A, Gavril D, Lachman N, Velthuis PJ, Schelke L. The Change of Plane of the Supratrochlear and Supraorbital Arteries in the Forehead – An Ultrasound based Investigation . ASJ 2021 Feb 28;sjaa421. doi: 10.1093/asj/sjaa421. Online ahead of print.
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29. Velthuis P, Jansen O, Schelke L, Moon H, Ascher B, Cotofana S. A Guide to Doppler Ultrasound Analysis of the Face in Cosmetic Medicine. Part 2: Vascular mapping. Aesthet Surg J 2021 Oct 15;41(11):NP1633-NP1644.
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36. Schelke LW, Velthuis PJ, van Dijk MR. Polyalkylimide: A Nonstable Filler Over Time. Dermatol Surg. 2018 Apr;44(4):563-567. doi: 10.1097/DSS.0000000000001388.
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