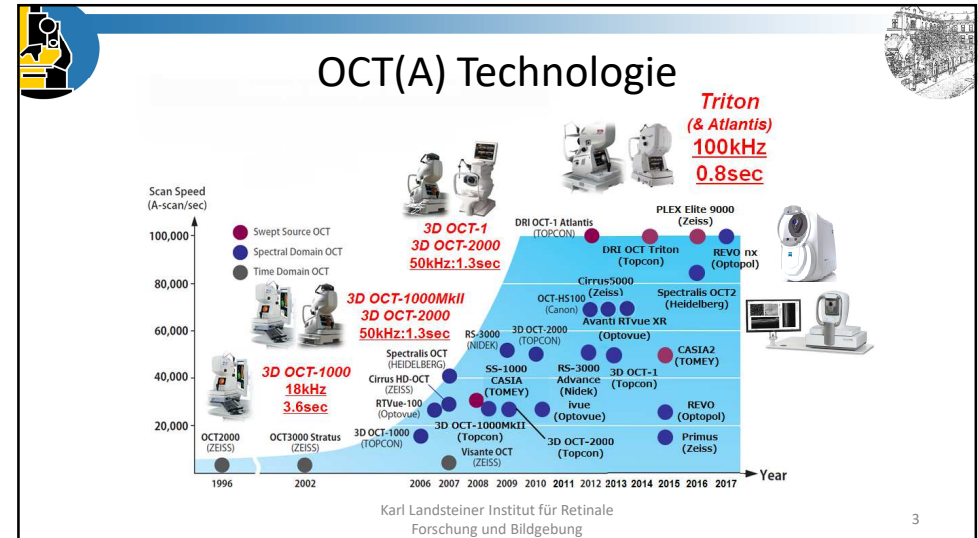


**Stattin M**

Klinik Landstraße, Wiener Gesundheitsverbund, Augenabteilung
Karl Landsteiner Institut für Retinale Forschung und Bildgebung

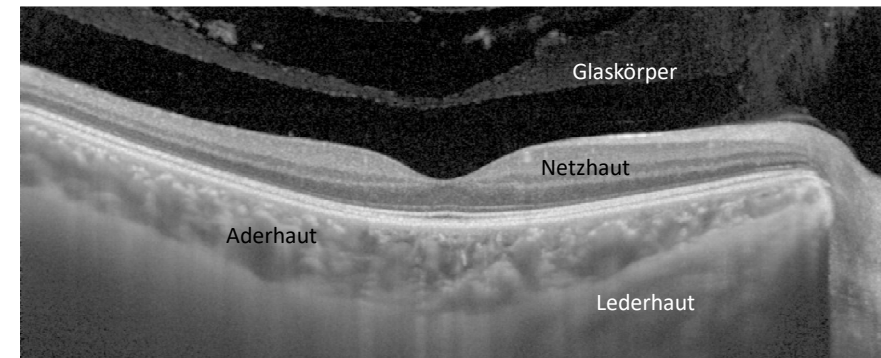


Offenlegung finanzieller Interessen

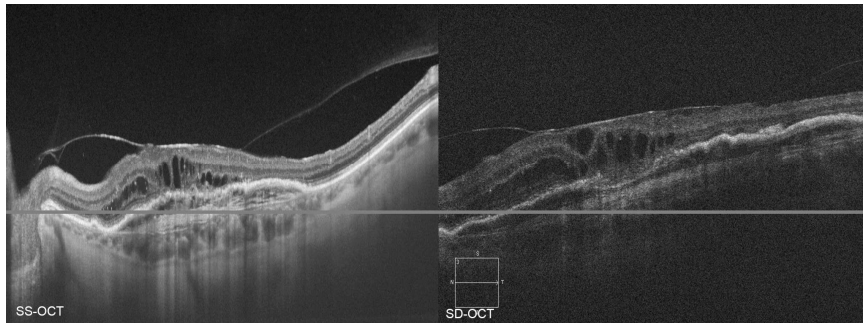
- Keine finanziellen Interessen
- Das Karl Landsteiner Institut für Retinale Forschung und Bildgebung erhält einen Wissenschaftsgrad von Topcon Europe BV



Swept Source (SS)-OCT

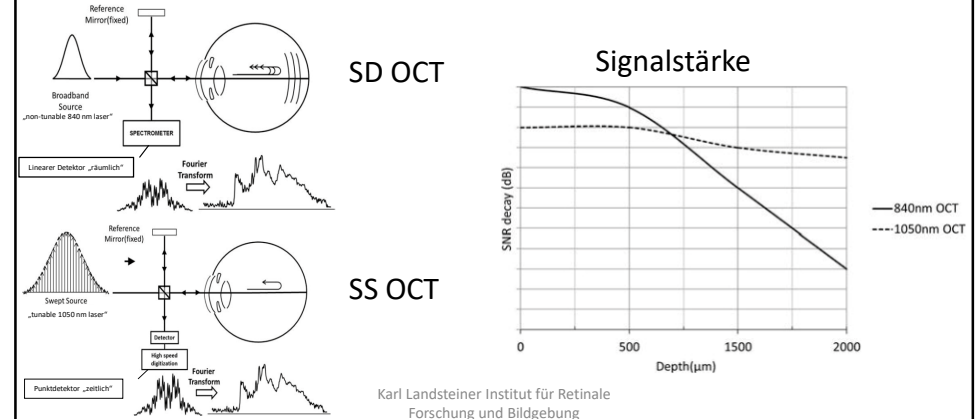


SS-OCT vs. Spectral Domain (SD)-OCT

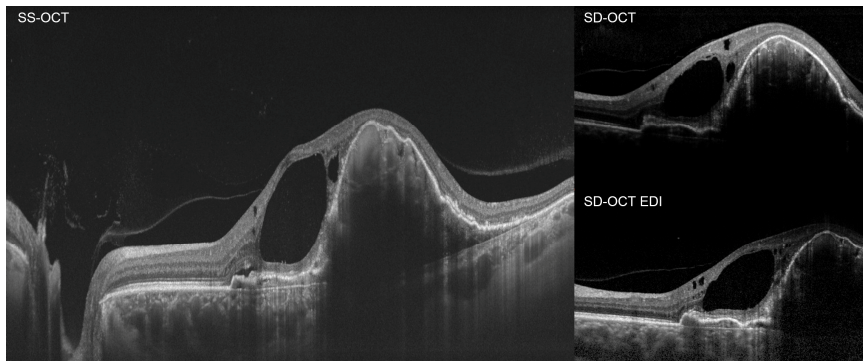


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Unterschiedliche Technologien

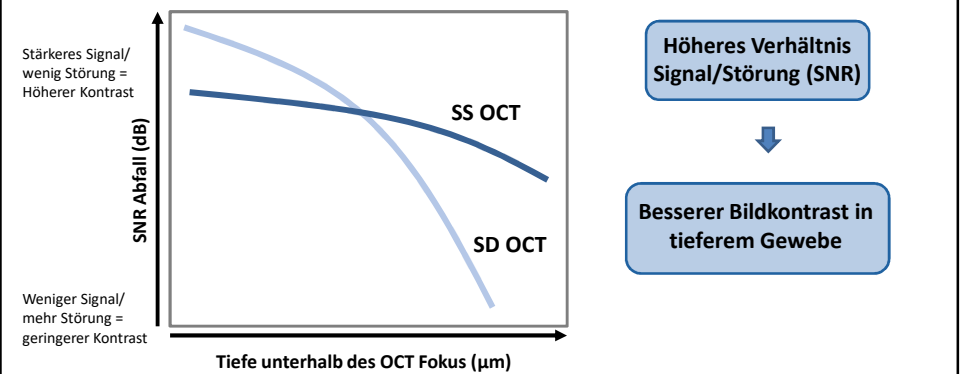


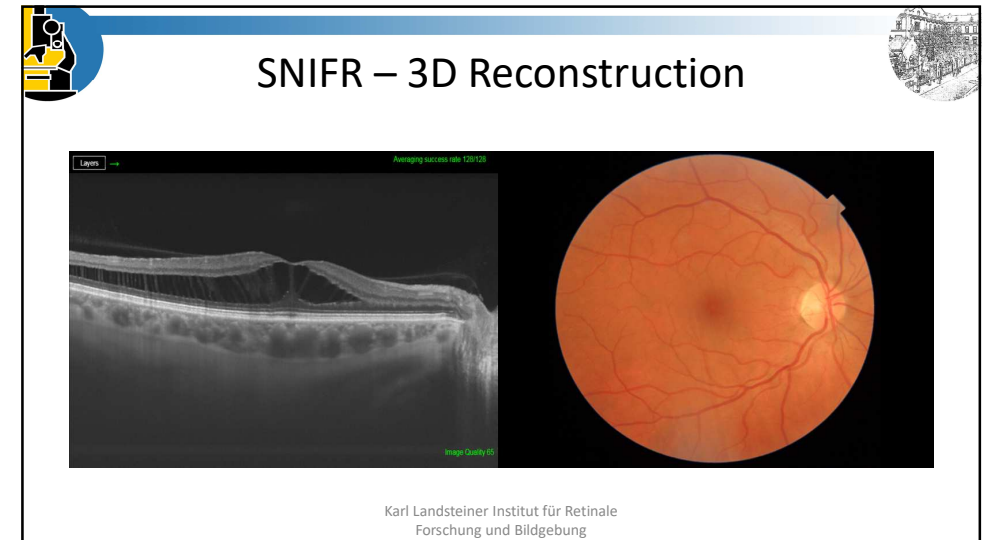
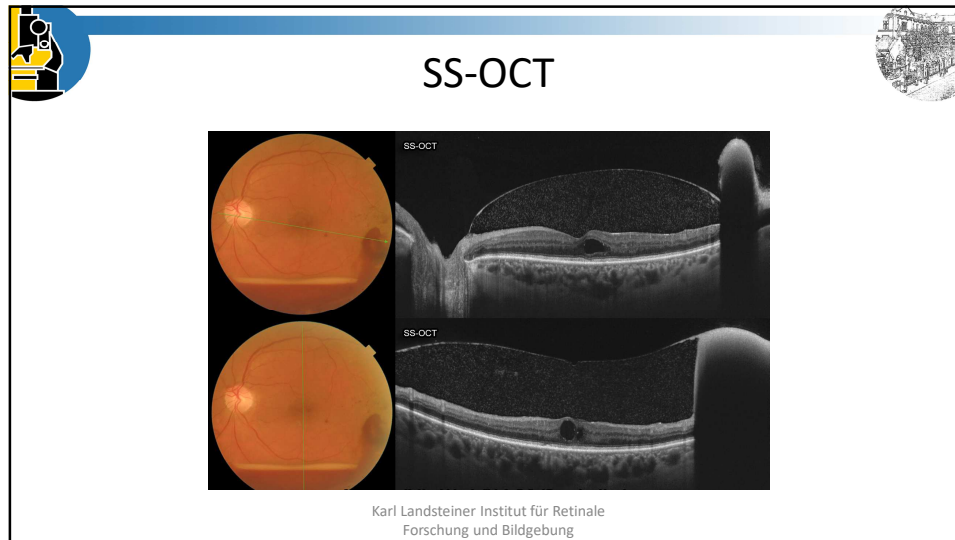
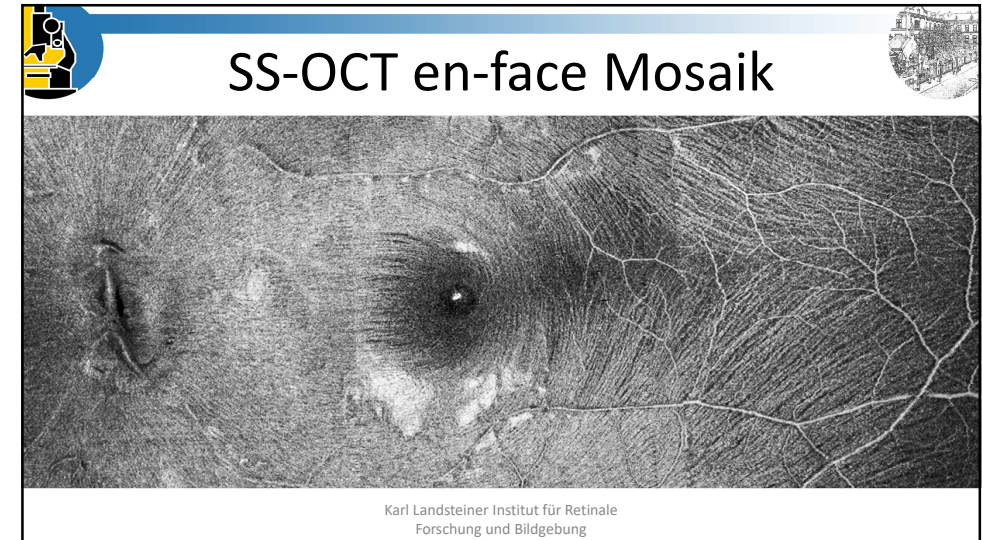
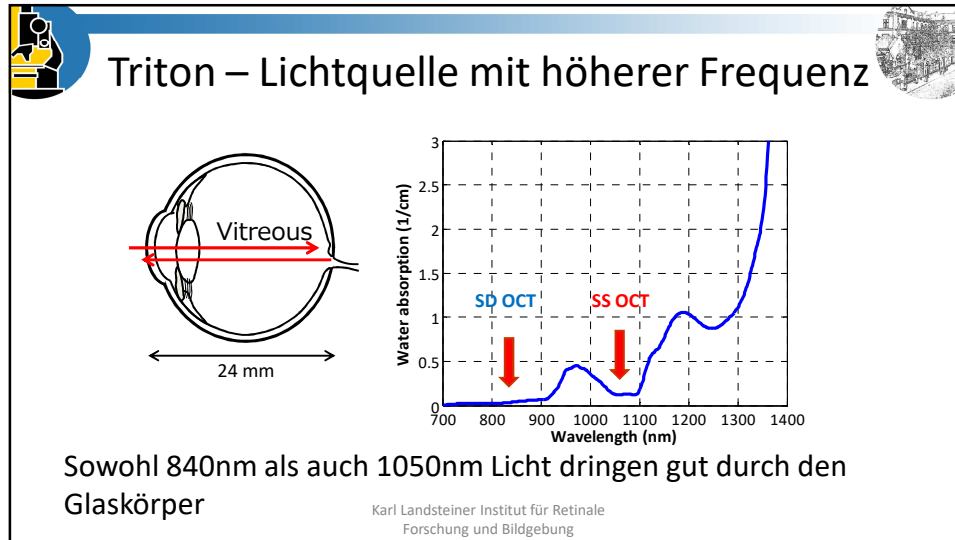
SS-OCT vs. SD-OCT EDI

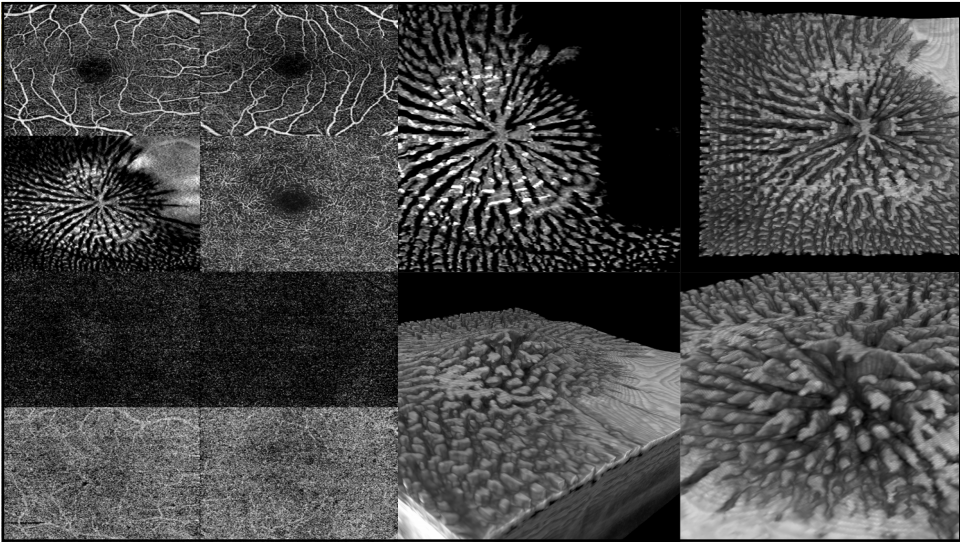


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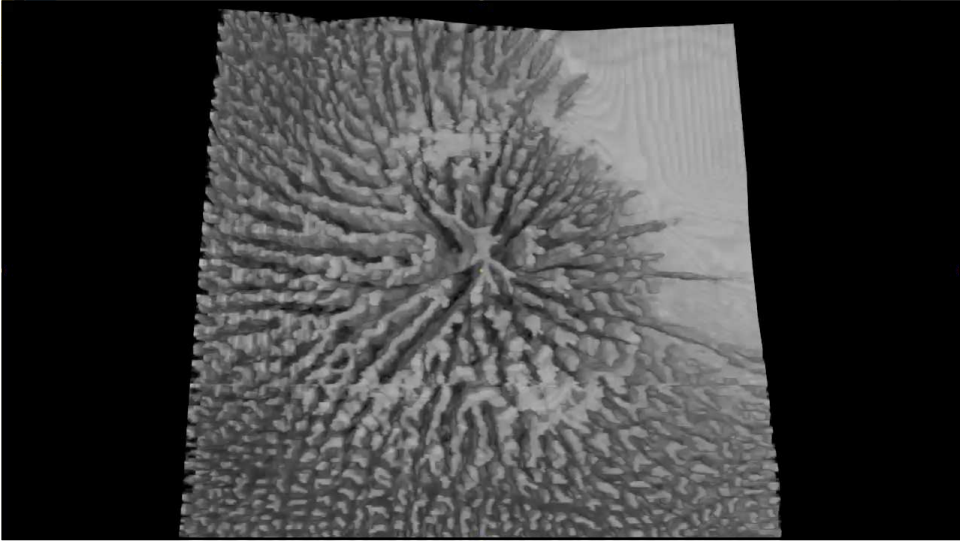
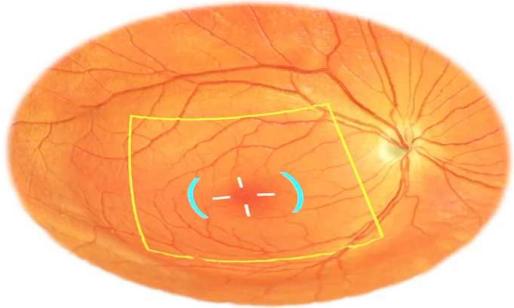
Vorteile von "Swept Source"









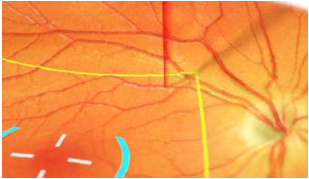
OCTA technology



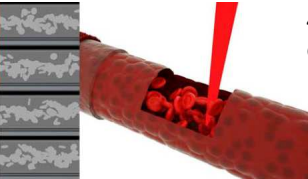


Vendor	Instrument	Algorithm name	Method
Topcon Corporation®	DR OCT Triton™ Swept Source OCT	OCTARA™	Amplitude ratio analysis
Carl Zeiss Meditec®	Angioplex™ and Plex Elite™ 9000	CMAG™	Amplitude decorrelation
Heidelberg Engineering®	Spectralis OCT 2™	Full Spectrum Probabilistic Algorithm	Probabilistic amplitude decorrelation
Optovue®	AngiVue™	SSADA™	Amplitude decorrelation
Canon®	OCT-6100™	—	Amplitude decorrelation
Nidek Corporation®	RS-3000 Advance AngioScan™	CCDA™	Complex phase and amplitude decorrelation

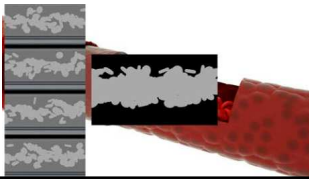
Laser scannt 4x dieselbe Stelle



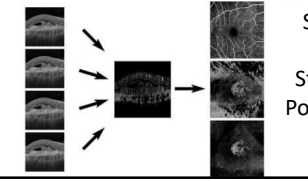
4 B-scans mit dynamischen und statischen Elementen



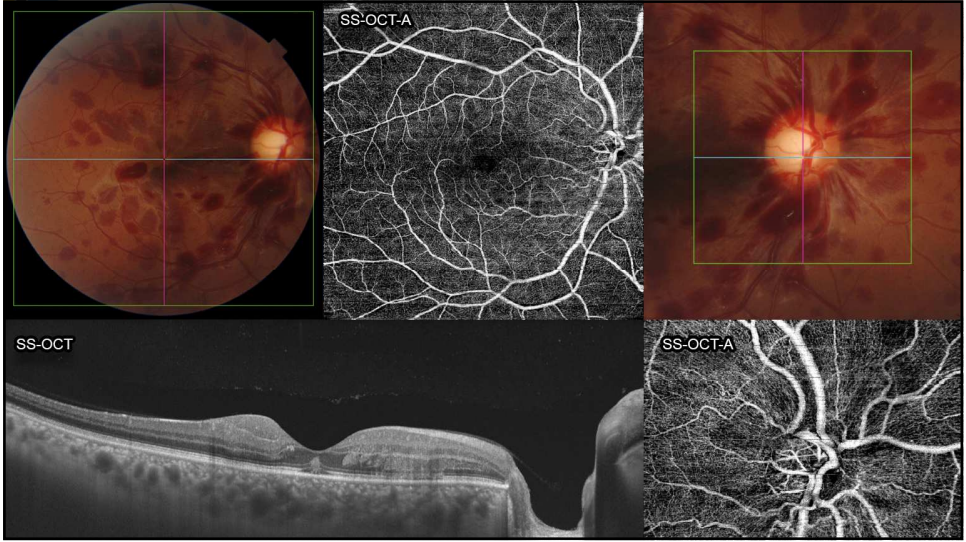
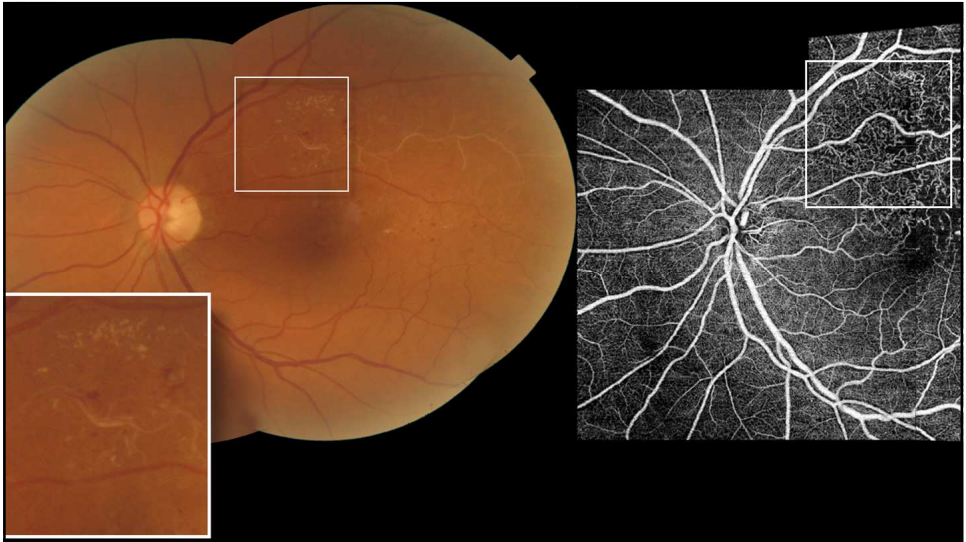
Dynamische und statische Elemente werden subtrahiert

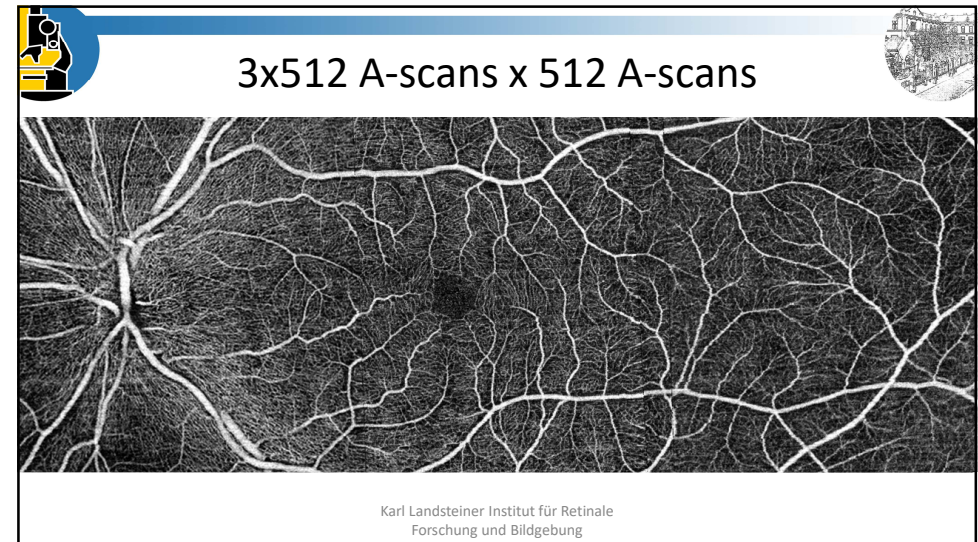
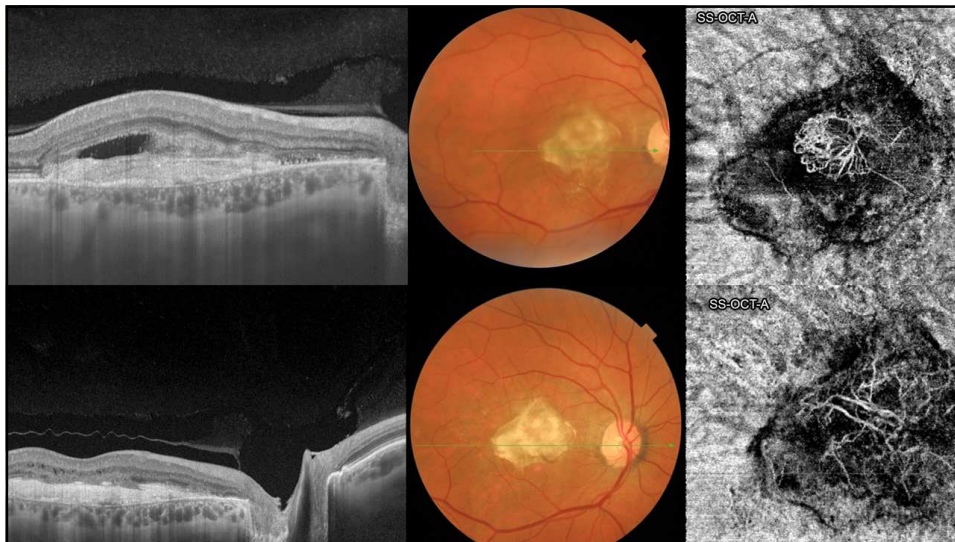
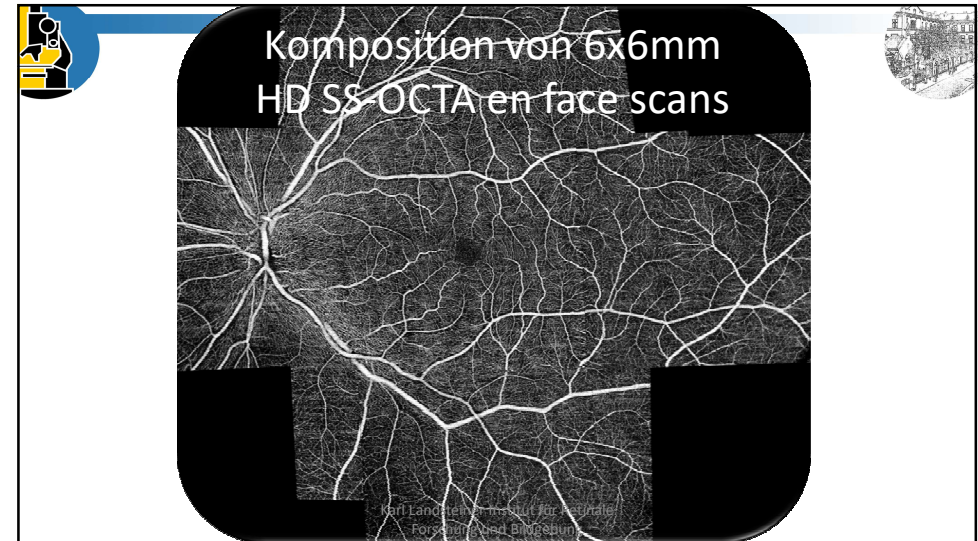
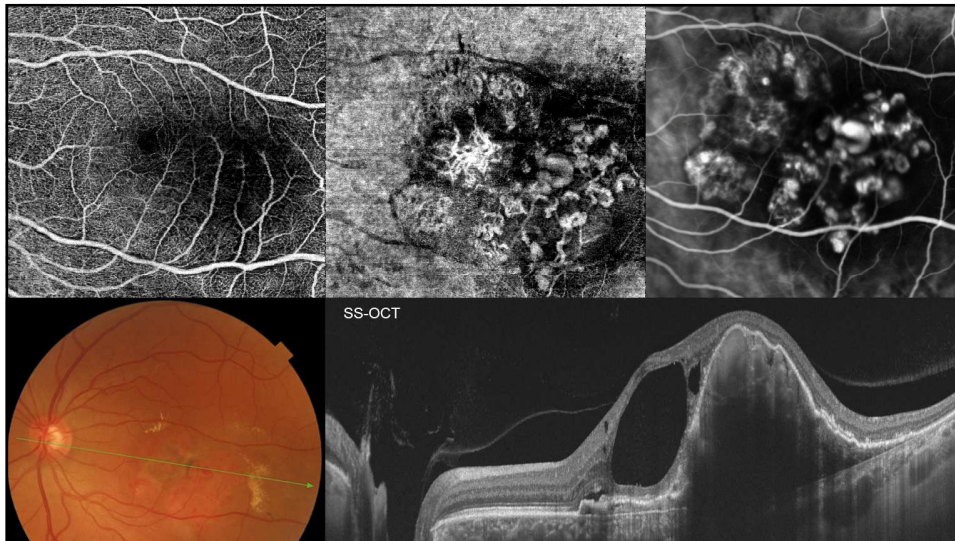


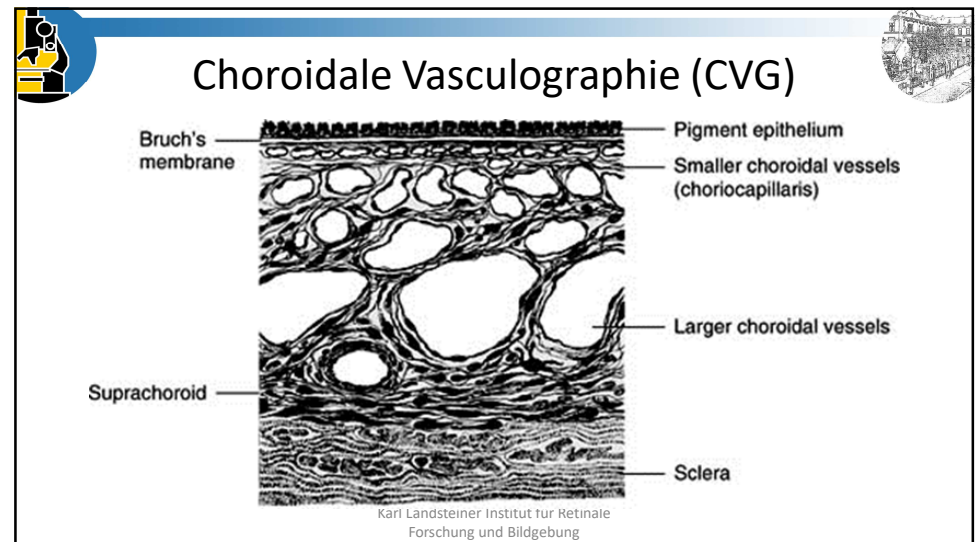
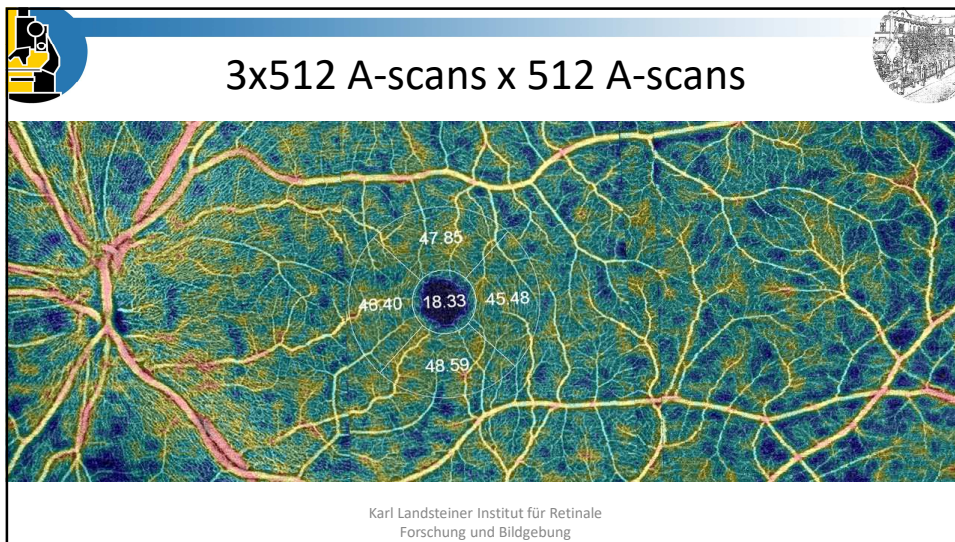
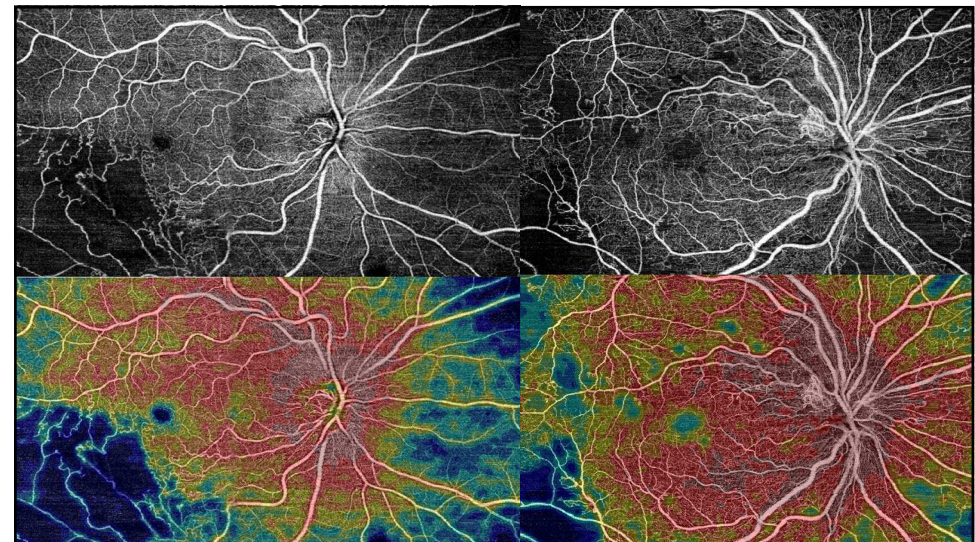
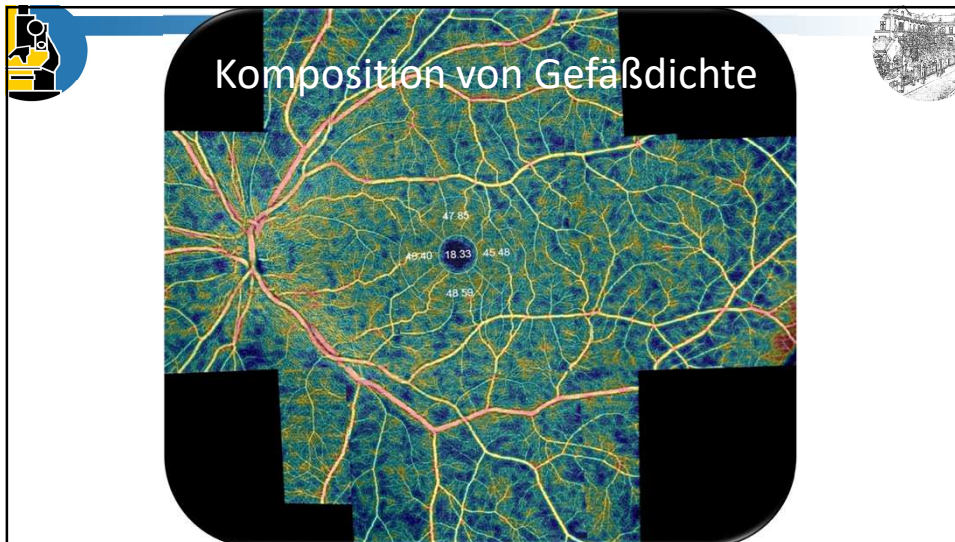
Summation vaskulärer Strukturen in Portraitbild (en face)

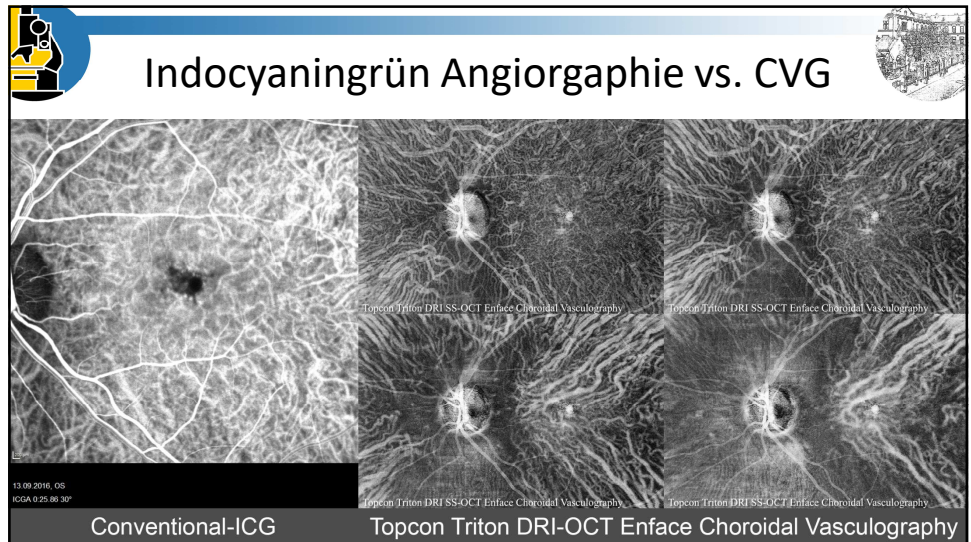
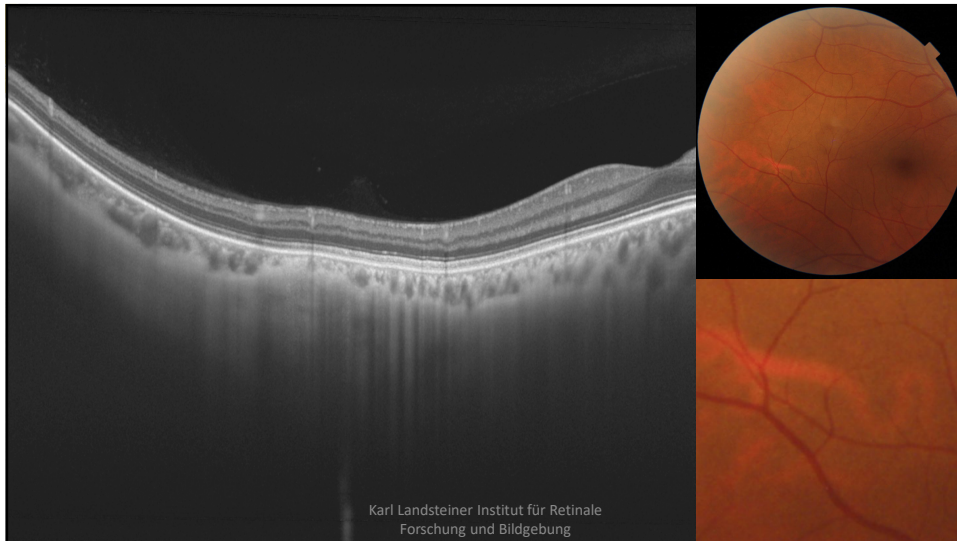


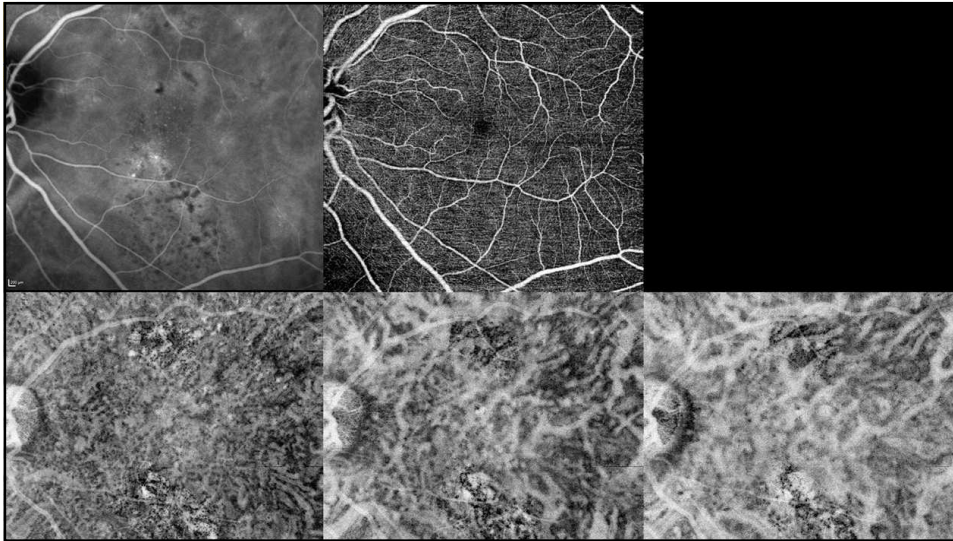












 Danke für Ihre Aufmerksamkeit 



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