



ZEISS SMILE

The Highlights



Carl Zeiss Meditec Group

Strategic Business Units

Our Business Units

Ophthalmology



Microsurgery



Ophthalmic Diagnostics

Diagnosis and chronic disease management

Market size¹:
€ 2.2 to 2.4bn



Visualization

Neuro, ENT, Spine, Plastic & Reconstructive,
Dentistry

Market size¹:
> € 0.7bn



Surgical Ophthalmology

Cataract and retinal treatment

Market size¹:
€ 7.5 to 8.0bn



In-Vivo Pathology

Real-time feedback on
tissue microstructure



Refractive Laser Surgery

Corneal surgery for visual correction

Market size¹:
€ 1.2 to 1.4bn



Surgical Oncology

Intraoperative radiation

¹ CZM internal estimates



Refractive Laser Surgery

with ZEISS SMILE



Myopia Trend

Meta Study

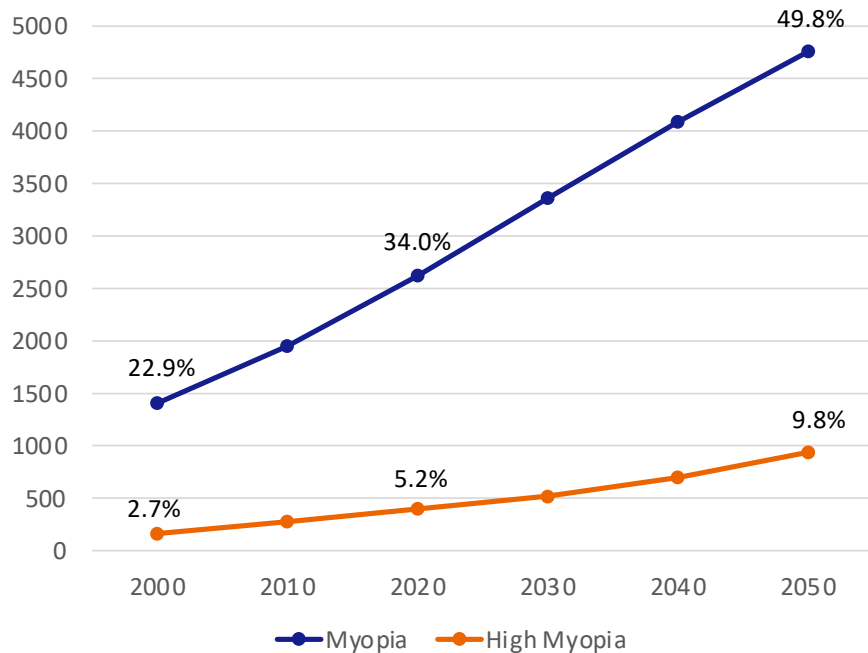
Myopia prevalence to significantly expand in next decades

High myopia to grow at even more accelerated pace



Global myopia prevalence

in million people



Myopia rate	2020	2050
Asia Pacific, high income	53.4%	66.4%
North America, high income	42.1%	58.4%
Western Europe	36.7%	56.2%

- Myopia: -0.5D or less, high myopia: -5.0D or less
- Myopia and high myopia estimates suggest significant increases in prevalence globally
- Currently 1/3 of world population is myopic, 1/20 high-myopic; in 30 years around 1/2 of world population is myopic, 1/10 high-myopic
- High income regions with more accelerated trend

Source: Estimates by American Academy of Ophthalmology



ZEISS SMILE

Device and Consumables



Treatment Pack





VISUMAX 800

Cornelia Schmidt

Product Manager Refractive Lasers

ZEISS Ophthalmology



ZEISS SMILE

Facts & Figures

What are the advantages of the ZEISS SMILE procedure?



Flapless procedure



Faster recovery



Less dry eye symptoms



Dr. Shamik Bafna, MD

Cleveland Eye Clinic | Ohio, USA

about the Future of Laser Vision Correction



Seeing beyond