SMILE is cost-effective and the investment in laser refractive surgery facilities is outweighed by the potential income.

## Study Spotlight: Cost-Effectiveness of SMILE

Lenticule Extraction with SMILE compared to FS-LASIK and PRK

# Methodology

Title

Source

 Costs calculation of most-known laser vision correction procedures from different perspectives.

Comparison of the Cost-Effectiveness

Myopia in a Private Eye Center in Spain

of SMILE, FS-LASIK, and PRK for

- Usage of e.g., a decision tree model for the patient's perspective and a formula considering direct and indirect costs of a clinic to build up cost-effectiveness analysis.

### Clients × Payment > Am + M + Cp + Ci – (Ceq × Ci) + G

Am = annual amortization (Ceq - Vr)/Vu

FS-LASIK

= residual value

= useful life

- **Ceq** = financing mode of the equipment
- M = annual maintenance (including consumables)Cp = costs of personnel
- Ci = indirect costs
- G = patients / marketing





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Seeing beyond



**Average Weighted Costs** 

Vr

VII

#### Weighted Utility Values



Calculations are based on the same price per procedure, per patient.

Results Per Procedure for a 30-Year Time Period

