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## ReLEx smile: Personal experience from more than 7000 treatments

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ReLEx smile is a flapless, all in one refractive laser procedure, where a three dimensional lenticule is cut within the corneal stroma using the Zeiss VisuMax femto-second laser. The refractive error is corrected when the lenticule is removed through a minimal (2 mm) superior placed corneal incision. We started performing ReLEx smile in 2010 and obtain strong achieved-attempted SEQ correlations ( $R^2$  approximately 0.97) after smile in the full range of myopia and astigmatism, and our necessary retreatment rate is low (<2%). Today the procedure is “state of the art” in Denmark, and our latest smile results and special cases are presented, and the advantages and downsides of the procedure are discussed.

### Biography

Sven Asp is a Refractive Surgeon at Copenhagen Eye Centre and Aarhus University Hospital, Denmark. He has performed more than 7000 ReLEx smile procedures and these smile treatments are the basis for Zeiss's FDA application for approval of the smile procedure. He was graduated and completed his Doctoral Thesis (DMSci) from University of Copenhagen and holds a position as Refractive Surgeon at Aarhus University Hospital, whilst being Director of Copenhagen Eye Centre. He has published more than 25 papers in reputed journals.

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