Age, biomechanics and eye trauma linked to post-LASIK ectasia

Dr Stulting noted that close analysis of the data for residual stromal bed thickness served to illustrate the difficulty in deciding a clear cut-off point for potential LASIK patients.

Dr Stulting advised avoiding LASIK in eyes with topography suggestive of keratoconus or pellucid marginal degeneration, especially with high myopia, low predicted residual stromal bed, low pre-operative pachymetry and in young patients.

“Ectasia is analogous to keratoconus and it occurs in susceptible individuals. Proven risk factors are forme fruste keratoconus, reduced residual stromal thickness, low pre-operative corneal thickness, high myopia and young age,”