In African-descent glaucoma patients, visual field changes up
16 February 2018

African descent. There was a delay to detect progression in eyes of individuals of African descent versus those of European descent when simulations were performed assuming common progression scenarios. Detection of progression in individuals of African descent was delayed by 3.1 years for a scenario with baseline mean deviation of ?10 dB and rate of change of ?0.5 dB/year.

"Patients of African descent with glaucoma showed increased visual field variability compared with those of European descent, resulting in delayed detection of progression that may contribute to explain higher rates of glaucoma-related visual impairment in individuals of African descent," the authors write.

Several authors disclosed financial ties to the pharmaceutical and eye care industries.

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