

Flexivue Microlens Improved Near Vision at 3 Months

The Flexivue Microlens (Presbia Coöperatief UA; Amsterdam, Netherlands) significantly improved near vision and patients' ability to read without spectacles or contact lenses, according to 3-month postmarket surveillance studies in Greece and Italy released by the company.

In a 10-minute procedure, the 3-mm-diameter Flexivue lens was inserted into the cornea of patients' nondominant eye through a tiny pocket made with a 150-kHz femtosecond laser, according to the company. The specific vision-correcting prescription for each patient was incorporated in the outer area of the lens. After lens insertion, the pocket self-sealed and held the lens in place.

Thirty patients were implanted with the Flexivue. Mean near UCVA in the operated eye and binocular vision improved from 20/80 to 20/25 at the 3-month mark. Near BCVA improved in the operated eye from 20/25 to 20/20 at 3 months. Although mean distance UCVA in the operated eye showed a slight drop immediately after the procedure, patients showed continued improvement over time, with mean binocular distance visual acuity of 20/20 at 3 months.

No adverse affects were reported, the company said. An additional 27 patients have been implanted with the Flexivue; however, they have not yet reached the 3-month mark. According to Presbia, these results will be included in the upcoming release of this patient group's 6-month results.

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