

NCC 'GET CONNECTED 2026'

Organization Section: NCC/ BCLA

Poster Abstracts

Sunday 8 March 2026, Netherlands, Veldhoven, NH De Koningshof, Baroniezaal

Multifocal soft contact lens usage

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Purpose: To evaluate the distribution of sphere and add powers among prescriptions of monthly replacement (comfilcon A, CooperVision, Inc.; centre-near [CN] and centre-distance [CD] designs) and daily disposable (stenfilcon A, CooperVision, Inc.; CN design) multifocal soft contact lenses in Europe and North America.

Method: 2024 sales data were analysed for Europe and North America (U.S. and Canada). Sphere power ranges of +6.00 to -10.00DS were analysed.

Results: Sphere power distributions were similar between regions for the monthly replacement, resembling the expected distribution of refractive error, whereas regions differed for the daily disposable lens – sales in Europe departed from the expected distribution for the positive lenses, with sales generally increasing with greater power. The proportions of monthly replacement CN vs. CD lens designs were similar between Europe and North America; most sales were CD (66% and 71%, respectively). Add powers were also similar between regions for both the monthly replacement (+2.50D: 25–29%; +2.00D: 40%; +1.50D: 24–22%; +1.00D: 11–9%) and the daily disposable lens (high add: 21–28%; medium: 36–39%; low: 36–40%). The distribution of sphere powers by add power tended to show greater proportions of higher add powers for positive lenses and the opposite for negative lenses – except for a relatively greater proportion of low-power CD negative lenses.

Conclusions: Multifocal prescribing trends were broadly similar between the regions, tending to resemble the expected distribution of refractive error, with the exception of increased prescribing of higher sphere power plus lenses for the daily disposable lens in Europe. With the monthly replacement MFCL, the lowest add power was used least, which may suggest an opportunity to be more proactive in prescribing early presbyopes with the lens. The prescribing trends did not reflect what might be expected from the fitting guides for each MFCL and suggests an opportunity to follow the fit guide more consistently.

This research received funding from: Work supported by CooperVision International Ltd