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Paper Abstracts

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Young wearer and practitioner satisfaction with three spherical silicone hydrogel contact lenses: a multi-centre observational survey in France

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Purpose: Fitting spherical soft contact lenses is routine, yet wearer expectations warrant evaluation of whether current designs meet everyday needs. This observational survey aimed to evaluate patient and practitioner satisfaction with three spherical silicone hydrogel contact lenses used in everyday practice.

Method: A multi-centre survey was conducted across 142 French ophthalmology practices. Participants completed satisfaction questionnaires after a lens trial, rated on a 10-point Likert scale (1 = not satisfied at all, 10 = very satisfied). As a non-interventional investigation, eye care professionals (ECPs) were asked to fit three representative silicone hydrogel contact lenses as per their routine practice; a daily disposable spherical lens (A) (stencilon A), a monthly replacement spherical lens (B) (comfilcon A), and a monthly replacement multi-aspherical lens (C) (comfilcon A with multiple front surface aspheric curves).

Results: A total of 663 patients were fitted with the lenses. Participants ranged: from 10 to 34 years (38% ≤19; 39% 20–29; 23% ≥30). 37% were male, 63% myopic, 25% hypermetropic, and 12% astigmatic. 81% were new wearers. High satisfaction (scores 7–10/10) were reported for all lenses and criteria. Overall satisfaction averaged 92% (A), 91% (B), and 96% (C). Mean overall vision satisfaction was rated 95%, 95%, and 97% for A, B and C respectively; quality of vision was 95%, 94%, and 95%; and comfort 91%, 93%, and 93%. Screen-related comfort was also high (89–95%). Practitioner satisfaction mirrored these results (92%, 91%, and 96%). No statistically significant differences were found between lenses and for any lens C ratings. However, among lens A wearers, new users reported higher satisfaction for screen comfort (92% vs. 80%, $p=0.02$) and screen vision quality (95% vs. 87%, $p<0.05$). For lens B, new wearers rated vision quality higher than existing wearers (96% vs. 87%, $p=0.04$).

Conclusions: All three spherical lenses demonstrated excellent satisfaction levels for subjective ratings such as vision, comfort and overall performance. The results suggest that these lenses effectively meet the expectations of young wearers.

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