BACKGROUND & INTRODUCTION

The TEMPO Registry (TruEye and Most Recent Performance Overview Registry) is a post-market surveillance registry designed to assess rates of corneal infiltrative events (CIEs) with two brands of Daily Disposable (DD) lenses. Annual incidence of CIEs was 2.5% lower in DD lens wearers compared to silicone hydrogel (SiHyDD) or hydraulic daily disposable (HydDD) lenses in the TruEye ACUVUE® TruEye and ACUVUE® MOIST® Daily Disposable lenses (1-DAY ACUVUE® MOIST® Performance Overview Registry) (NCT01467557).

METHODS

Analyzed Registry Population

- 1DAY ACUVUE® MOIST® Performance Overview Registry (NCT01467557)
- TruEye ACUVUE® TruEye and ACUVUE® MOIST® Most Recent Performance Overview Registry

METHODS

- Data from the TEMPO Registry were analyzed for predictors of overnight wear (EW), storage and reuse (re-use) of daily disposable lenses among wearers of silicone hydrogel (SiHyDD) or hydraulic daily disposable (HydDD) lenses.
- The analysis included a total of 977 habitual SCL wearers with all follow-up surveys complete.
- IRB approval and informed consent completed prior to registration.
- Follow-up survey at 2 weeks, 4, 12 and 26 months.
- ETN TruEye ACUVUE® lenses with all follow-up surveys complete.

RESULTS

- Overnight wear increased with time from refitting (from 14.4% at 2 Weeks to 22.2% at 12 Months).
- Poor ECP assessment of compliance with Habitual CLs predicted non-compliance with instructions when refitting.
- Ask wearer to self-assess how well they have followed wear and care instructions when refitting.

CONCLUSIONS

- Training DD Wears
- Ask wearers to self-assess how well they have followed wear and care instructions when refitting.
- Practitioners must emphasize habits for best use of DD lenses when refitting.

83 Clinical Investigators in 37 Sites

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