Assessing Presbyopia Impacts and Coping Behaviors with De Novo PRO Instruments in a Phase 3 Study of AGN-190584 (Pilocarpine 1.25%)

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Elaheh Shirneshan, **Sungwook Lee**, and **Joanna Campbell** are employees of AbbVie Inc and may hold AbbVie stock.

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The eye drop formulations used in this study are investigational.

The **BURDEN** of Presbyopia^{1,2}



Purpose: Evaluate the impact of AGN-190584 (pilocarpine HCl 1.25%) vs vehicle using PROs (impacts on daily life and use of compensatory coping behaviors, and treatment satisfaction) in GEMINI 1

PICQ and PPSQ Analyses

Presbyopia Impact and Coping Questionnaire (PICQ)

Administered at baseline (Day 1) and on Day 30 Hour 3

PRESPECIFIED SECONDARY ENDPOINTS

Mean change from baseline in PICQ Impact and Coping summary scores on Day 30, Hour 3





Day 30

ADDITIONAL ASSESSMENTS

Proportion of PICQ responders to AGN-190584 with a clinically meaningful change (≥1-point improvement)* in Coping and Impact scores on Day 30, Hour 3





Presbyopia Patient Satisfaction Questionnaire (PPSQ)

Administered on Day 30, Hour 3

ADDITIONAL ASSESSMENTS

Between-group comparison of the overall PPSQ Satisfaction Score on Day 30, Hour 3

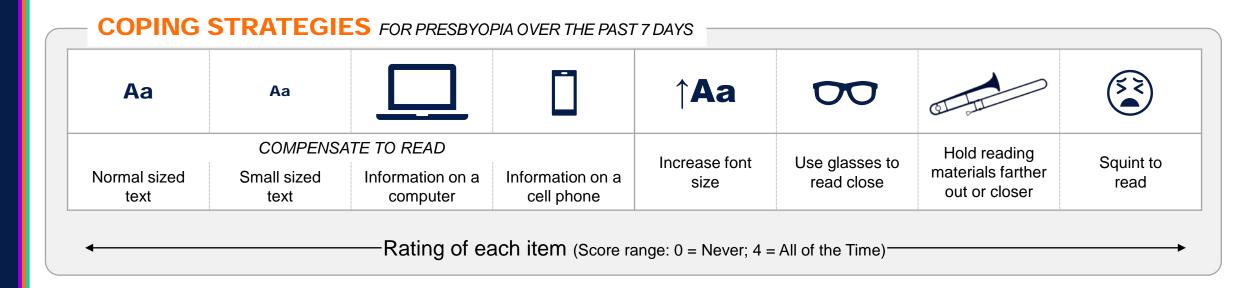




^{*}Individual-level meaningful change threshold as proposed by gold standard psychometric analysis.

The Validated PICQ Evaluates the Impacts of Presbyopia and Coping Strategies



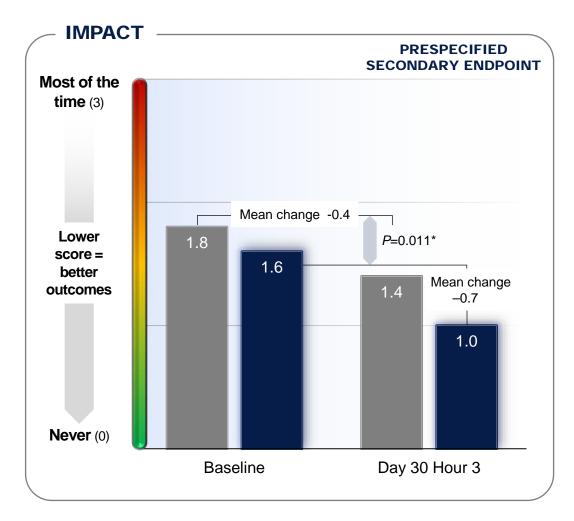


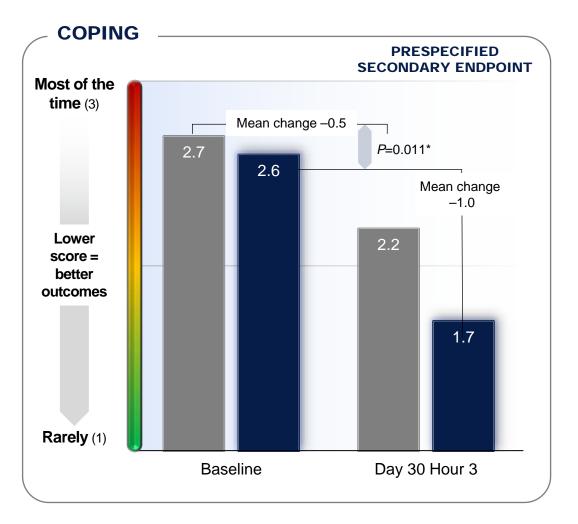
GEMINI 1

AGN-190584 Significantly Reduces Impact and Coping Behaviors

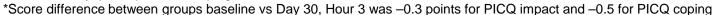
Mean Change from Baseline in PICQ Impact and Coping Summary Scores







PICQ = Presbyopia Impact and Coping Questionnaire



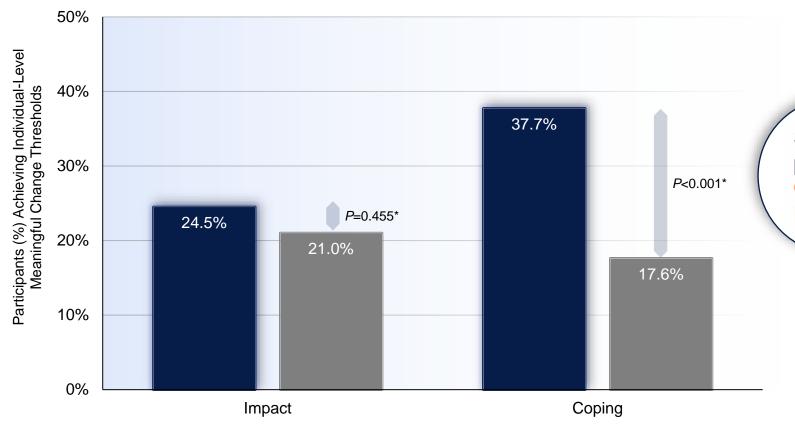


GEMINI 1

Proportion of Participants Achieving Individual-Level Clinically Meaningful Improvement in Presbyopia Impact and Coping Scores

PICQ Impact and Coping Summary Score Responders*





Significantly more AGN-190584 participants reported a CLINICALLY MEANINGFUL REDUCTION in coping behaviors

PICQ = Presbyopia Impact and Coping Questionnaire

-1.0 point is the proposed individual-level meaningful change threshold for PICQ Coping and Impact scores





^{*}P<0.001 for Coping and **P=0.455 for Impact, AGN versus vehicle. Intent-to-treat population.

The Validated PPSQ Evaluates Treatment Satisfaction

TREATMENT SATISFACTION



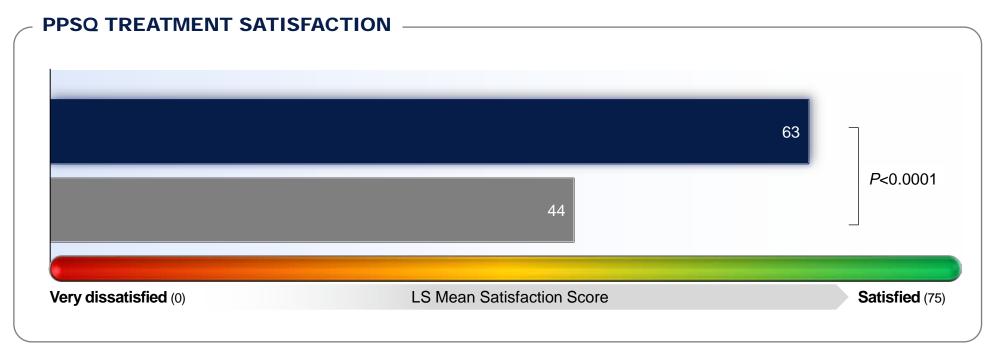
All items are transformed and range in score from 0 to 100, with higher scores indicating higher levels of patient satisfaction

GEMINI 1

Participants are More Satisfied With AGN-190584 vs Vehicle

PPSQ Treatment Satisfaction Score at Day 30, Hour 3





PPSQ PRO Endpoint was met, participants were significantly **MORE SATISFIED** with aspects of study medication compared with vehicle



In GEMINI 1, the validated PICQ and PPSQ demonstrated significant patient reported outcome benefits with AGN-190584 vs vehicle in presbyopia



Participants who received AGN-190584 had statistically significant and clinically meaningful greater reduction in the use of presbyopia-related coping behaviors such as squinting or changing the font size on electronic screens, compared with those who received vehicle



Participants who received AGN-190584 reported greater satisfaction with different aspects of the study medication compared with participants receiving vehicle

Thank you!