



Vivity Insights: A Study of Patient Satisfaction, Visual Disturbances, and Uncorrected Visual Performance

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Purpose--Patient Reported Outcome (PRO) Study

- To evaluate glare and halo complaints with a non-diffractive multifocal IOL (Vivity, Alcon), comparing to results of identical PRO studies with
 - ActiveFocus 2.5 mixed with ReSTOR 3.0 add IOL
 - ActiveFocus 2.5 bilateral w mini-monovision (plano/-0.5)
- All studies used a validated questionnaire instrument developed by Research InSight LLC.

Methods:

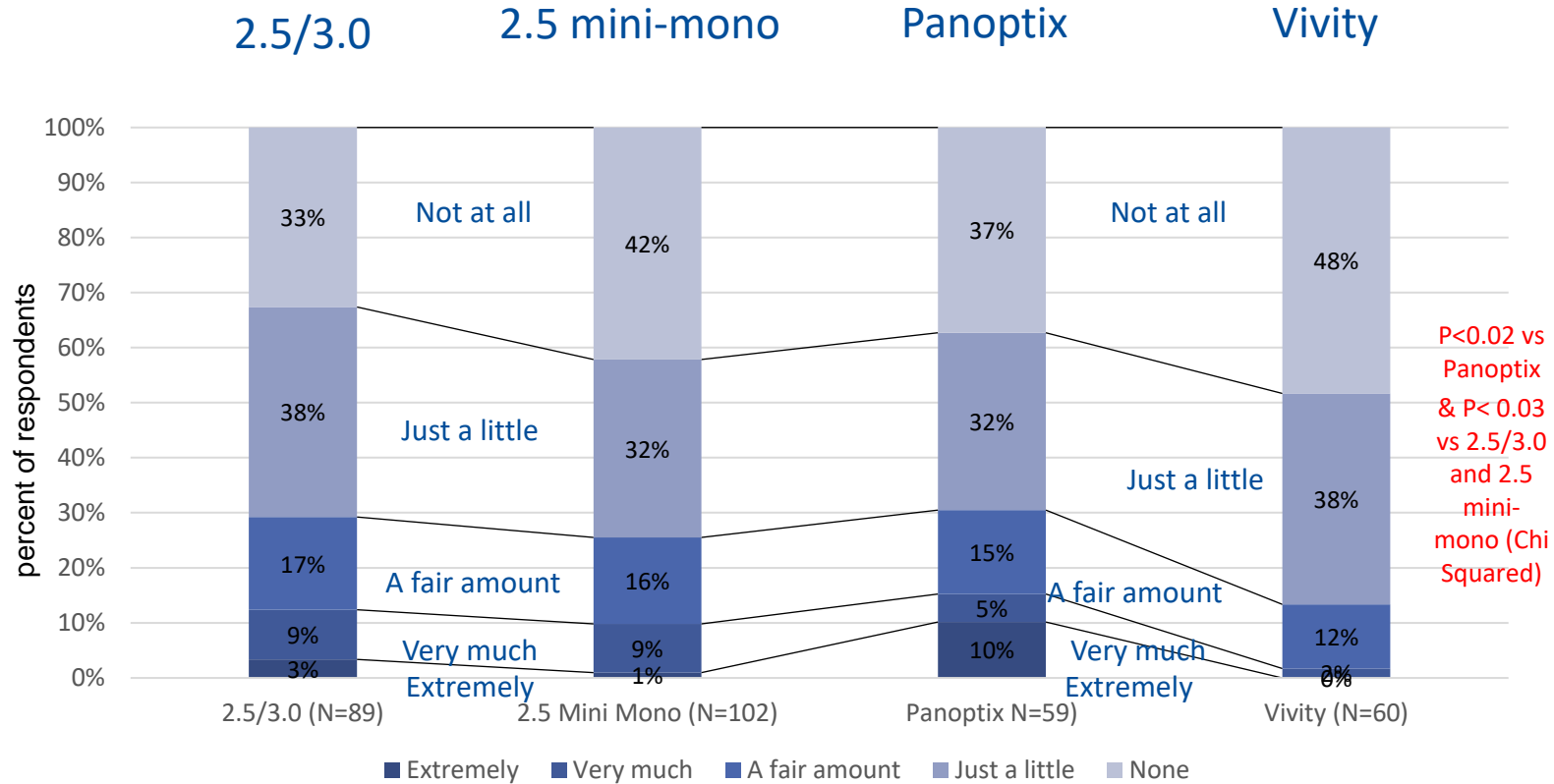
- Questionnaire administered who had surgery ≥ 1 months prior.
- Excluded were patients with significant ocular pathology, surgical complications, refractive error > 0.5 D sphere or 0.75 D cylinder, or patients with significant posterior capsule opacity ($>1+$) at the follow-up visit.

Results: Study Participants

	2.5/3.0	2.5 Mini-mono	Panoptix	Vivity
N (meeting criteria)	89	102	59	60
Age (yrs):				
Mean \pm SD	72.1 \pm 7.6	71 \pm 8.1	69 \pm 9.6	69 \pm 9.9
Age range	52 – 99	35-91	41-100	41-99

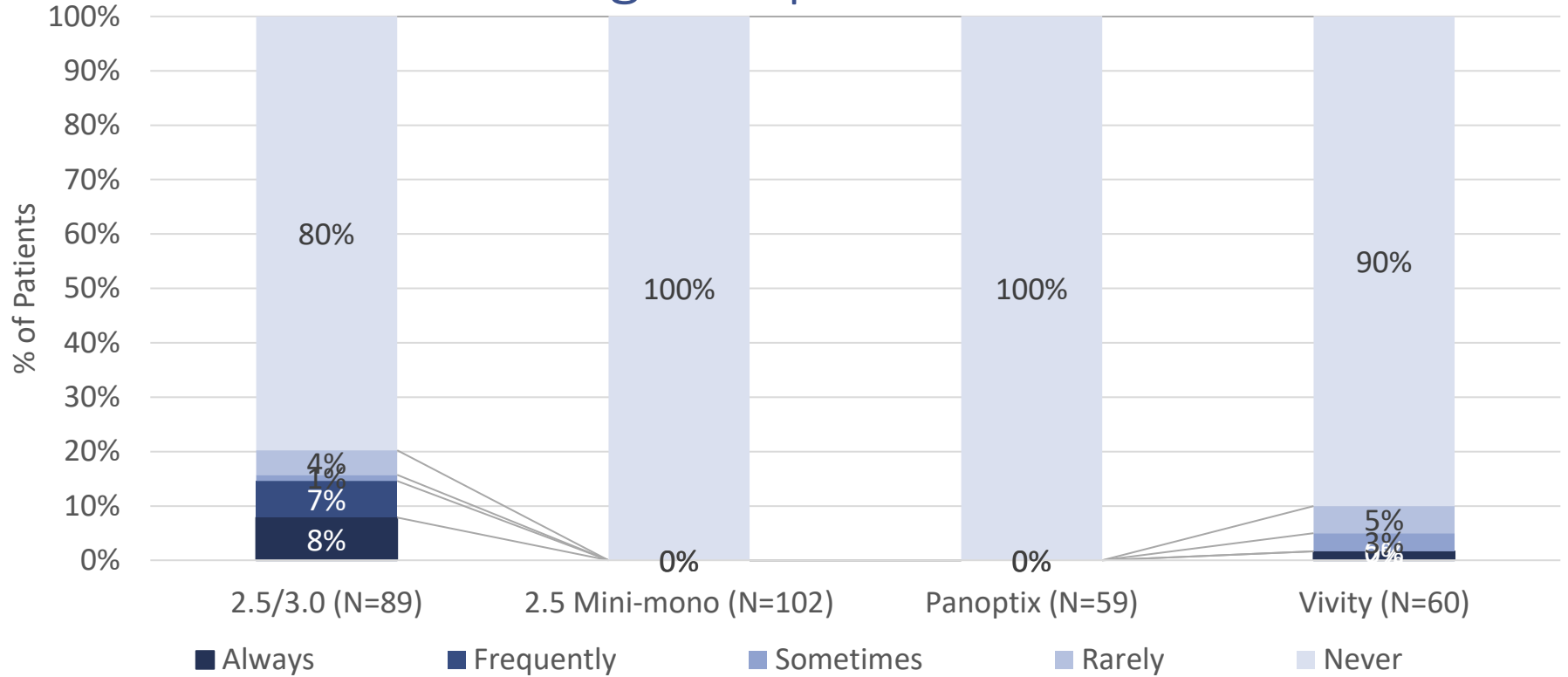
No differences were statistically significant (Student's t-test).

Primary Outcome Measure: Severity of Glare and Haloes



Vivity had significantly fewer patients with complaints of glare and haloes being “a fair amount” or worse compared to all other IOLs.

Secondary Outcome Measure: Frequency of Needing Computer Glasses



The majority of Vivity patients did not require computer glasses.

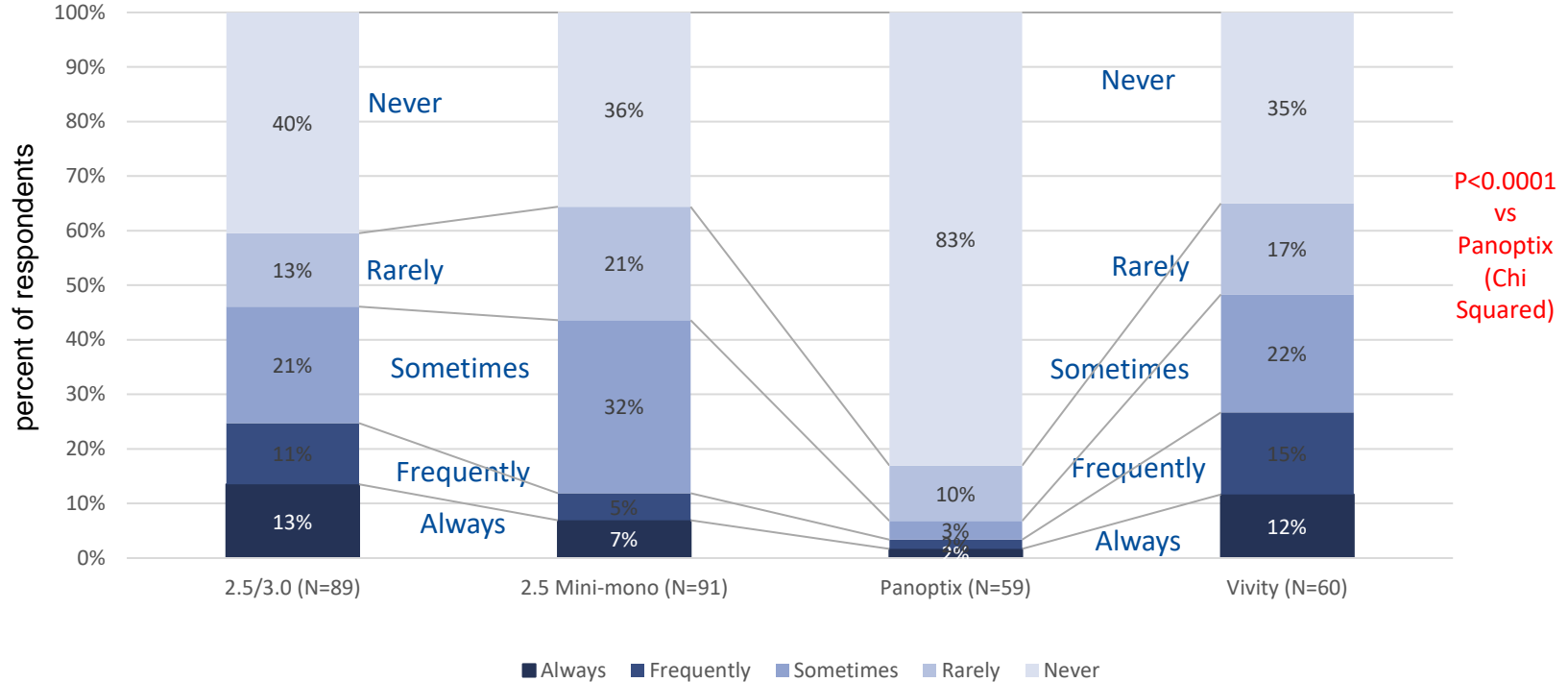
Frequency of Using Spectacles for Reading

2.5/3.0

2.5 mini-mono

Panoptix

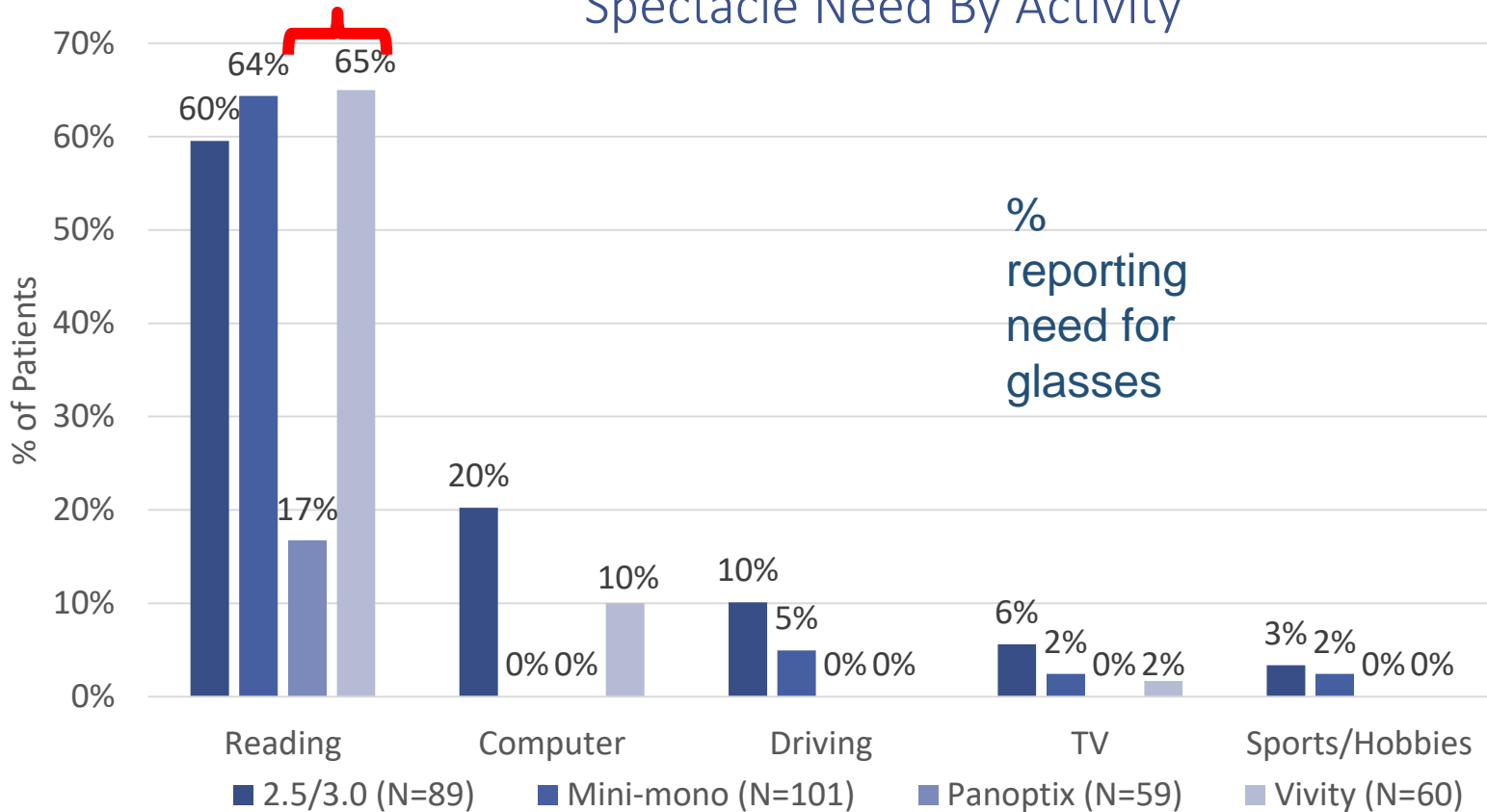
Vivivity



Use of readers was similar to Active Focus mini-monovision and 2.5/3.0.

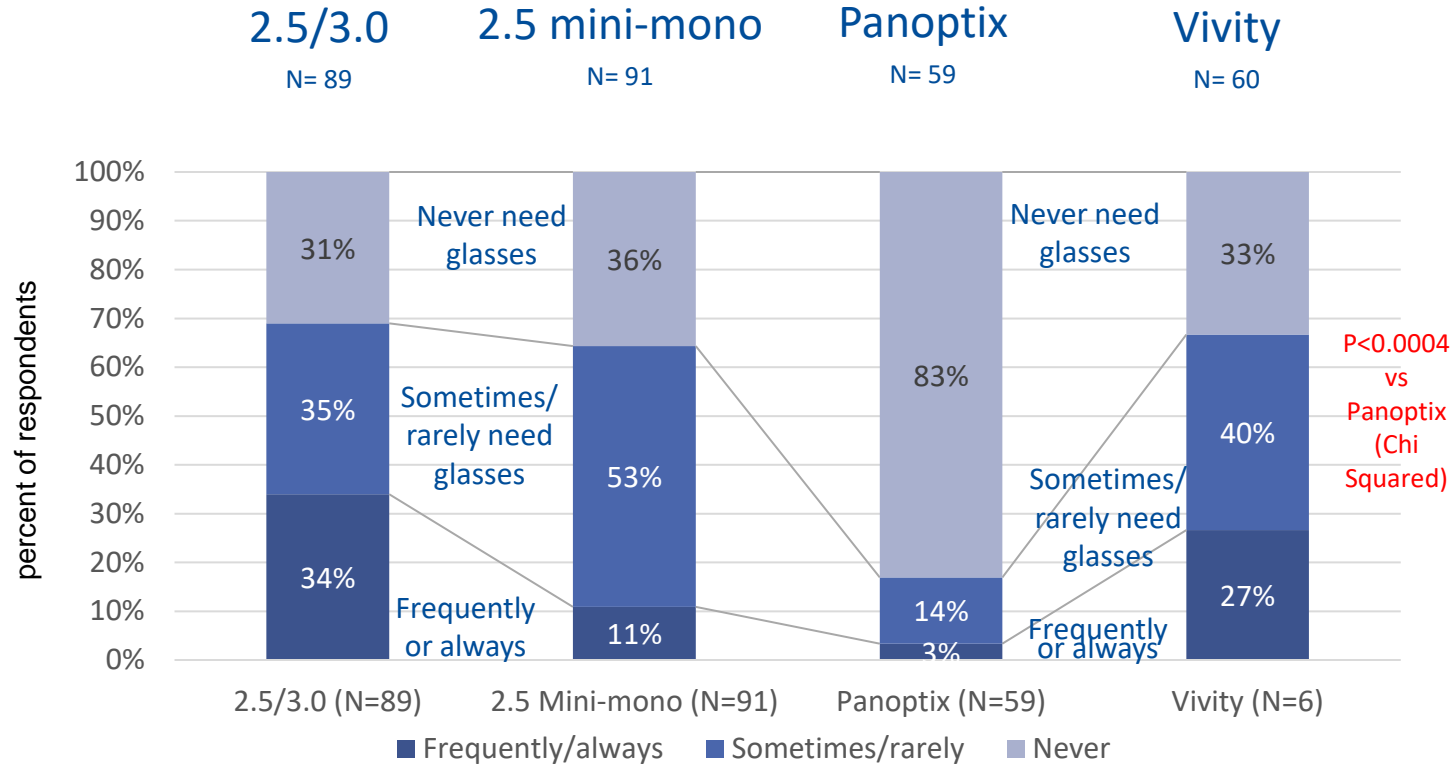
P < 0.0001 Chi-squared test vs Panoptix

Secondary outcome measure: Spectacle Need By Activity



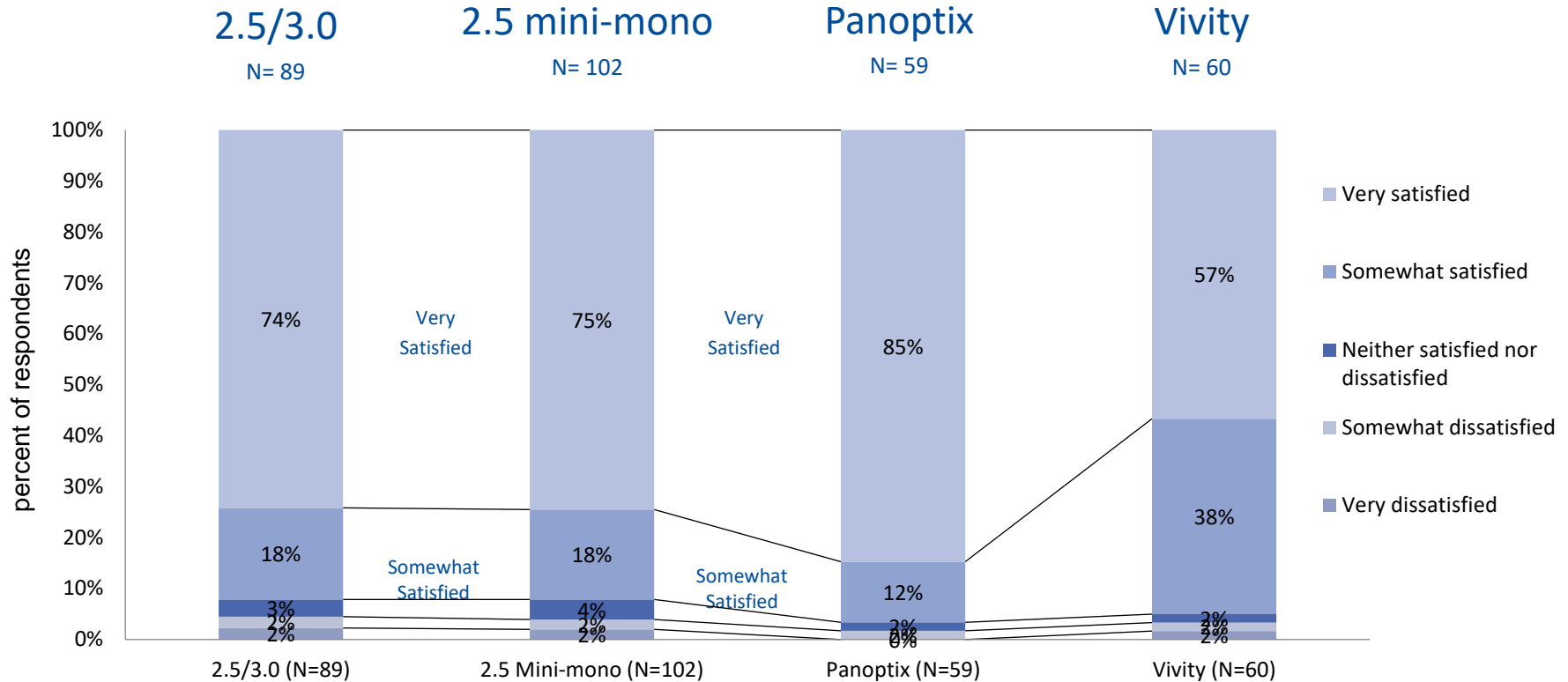
Vivity had similar spectacle independence to Panoptix for distance tasks (driving, TV, sports/hobbies).

Spectacle Need (All Activities Combined)



Patients with Vivity had similar need for spectacles to 2.5/3.0 and 2.5 mini-monovision.

Overall patient satisfaction



Satisfaction with Vivity was high, with 95% of patients reporting they were satisfied.

What patients are saying

What, if anything, did you like about having had your surgery?

“Brightness; Clarity; ability to see distance again”



“I can see sharply without glasses.”



“I like that I can see the TV and drive without glasses and I no longer have glare at night.”



What, if anything, did you dislike about having had your surgery?

Most patients had no dislikes, but among those who mentioned dislikes, the most common threads were:

Eyedrops: The cost, reaction and amount



“I wish I had better reading vision without glasses.”



“The cost and not being covered by insurance.”



Conclusions

- Vivity is a lens is uniquely offered to patients who are averse to unwanted visual side effects yet desire spectacle independence.
- Vivity delivered on less glare and haloes, with significantly fewer complaints than any previously studied measured multifocal IOLs.
- Spectacle independence was high, comparable to pre-Panoptix offerings for computer and reading and similar to Panoptix for distance tasks (driving, TV, sports/hobbies)
- Of patients requiring reading glasses with Vivity, 75% are not bothered by this need.
- Satisfaction was high, considering that the candidate pool for Vivity includes patients with eyes too unhealthy to be offered previous multifocal IOLs
- Vivity deserves a place among refractive offerings for patients who wish a range of vision without glare or haloes and/or have eyes that are not candidates for traditional, multifocal IOLs.

Thank You!

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