

Title	Optimizing vision with multifocal contact lens
Objective	<p>The primary objective was achieved by determining:</p> <ul style="list-style-type: none"> i. The dominant eye contact lens power that achieves the best distance visual performance bias while maintaining an acceptable intermediate/near visual performance; ii. The non-dominant eye contact lens power that achieves the best intermediate/near visual performance bias while maintaining an acceptable distance visual performance.
Study Design	Randomized, non-interventional, prospective, double masked, cross over study.
Study Population	45 presbyopic subjects were enrolled.
Results	<p>It was encountered that modifying the lens best sphere power affected distance vision on the dominant eye; as expected the best distance VA was achieved with the Best Sphere-0.25D and the poorest by the Best Sphere+0.25D. For the non-dominant eye a similar effect was encountered.</p> <p>Best Sphere produced the best distance performance and Best Sphere+0.50D the worse and vice versa at near.</p>
Adverse Events	No adverse events occurred during this study.
Conclusions	<ul style="list-style-type: none"> i. The two-step approach can be recommended for clinical use, making fitting easier for practitioners; ii. The individualized selection of lens power produces the optimal overall performance.