

NanoDrops Abstract (4MAY2025)

NanoDrops is a med-tech company developing one-of-a-kind vision correction technology, which allows patients to adjust their visual acuity correction as their vision needs evolve. This unique corneal imprint laser-assisted technology is activated by a proprietary nanoparticle filling, ensuring a minimally invasive and reversible procedure. The procedure is a 3-step process that includes translating the optical prescription into a corneal pattern, which is then imprinted on the cornea's surface, activated by nanoparticle instillation. This results in a personalized vision correction, without altering the corneal curvature. NanoDrops' unique solution allows patients to choose between a short-term and a long-term vision correction, based on the type of nanoparticles. With these reversible and repeatable outcomes, patients and doctors alike have peace of mind as they can adjust the procedure based on the patients' visual acuity needs.