

COMPUTERIZED REFRACTION PRESCRIPTION DETERMINATION WITH SPHERE CALCULATION

ABSTRACT OF THE DISCLOSURE

The present disclosure relates generally to a system and method for determining the refractive error of a patient, more particularly determining the patient's refractive error by using a computerized screen, and providing the patient with a prescription for the patient's preferred type of corrective lenses. The system and method do not require the trip or expense of a doctor visit, and are optimized for convenience and cost effectiveness. In a general embodiment, the present disclosure provides a method for determining a corrective lenses prescription of a patient. The method includes, separately, for each eye of the patient, determining the astigmatism prescription of the patient via a computerized screen, and determining the power of the corrective lenses prescription of the patient via the computerized screen.

FIG. 1A