The XFRACTION™ Process

The XFRACTION™ Process is the combination of two distinct but correlated steps: Optical Path Diagnostix (Dx) and professional treatment with a Wavefront Optimized Refraxion (Rx).

• Optical Path Diagnostix describe the characteristics of the physiological optical system, including alignment, providing for objective refractive triage and rapid discernment of the patient’s qualification for a Wavefront Optimized Refraxion. A decision tree separates patients requiring minor refinements, or full refractions, to achieve 20/20 vision. It further delineates who will not achieve 20/20 vision- and exactly why not.

• The OPD-Scan III sends a battery of useful diagnostic metrics to the TRS-5100 digital refractor, while establishing the refractive starting point. The TRS completes the exam with either minor refinements (WF patients), or full refractions (AR patients).

• Prescriptions are validated by the nearly simultaneous comparison with other options, including the old RX, objective measurement, or unaided, leading to the best final prescription according to the professional judgment of the doctor.

KNOWLEDGE – Superior understanding and rapid assessment of patients’ complete optical pathway in a fraction of the time.

SPEED – Reduce exam times (5-7 min), and maximize patient flow (add 4-6 exams/day), Optical revenue (up 15-20%), and overall productivity.

IMPACT – Gain enhanced patient understanding, validation of new Rx, superior outcomes, shorter visits, and greater satisfaction.