

APPLICATION OF OPHTHALMIC EXAMINATIONS IN EARLY PHASE STUDIES

Seeing is Believing

**CELERION HAS EXTENSIVE EXPERIENCE WITH
STANDARD AND MORE COMPLEX EYE EXAMS
AND ASSESSMENTS**

STANDARD EYE EXAMS



- Visual Acuity – visual function
- Ishihara Test – color perception
- Slit Lamp Exam – ocular structure

MORE COMPLEX ASSESSMENTS



- Tonometry – intraocular pressure
- Pachymetry – corneal thickness
- Ocular Coherence Tomography (OCT) – high-resolution images of the retina

ADVANTAGES OF INCORPORATING EYE EXAMS IN EARLY PHASE DRUG TRIALS

- Comprehensive safety profiling is recommended by regulatory agencies when a nonclinical ocular finding is observed
- Early detection of ocular safety signals
- Advanced tools like OCT offer high-resolution imaging of retinal layers in a sensitive, non-invasive assessment
- Ocular assessments can help contextualize pharmacology (i.e. local vs systemic exposure concerns)

CELERION DIFFERENTIATORS:

- ✓ In-house ophthalmic suites at all Celerion sites – no need to send participants off-site
- ✓ Long-standing partnerships with local providers
- ✓ Ability to run more complex, early phase protocols without outsourcing
- ✓ Access to optometrists and ophthalmologists experienced in clinical research for assessments and oversight

