Ophthalmic Lens Properties Who Knew?

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Ophthalmic lenses possess unique properties like specific gravity, tensile strength, safety, ABBE Value, thickness, pitch and motion…just to name a few. And each ophthalmic lens material has its own attributes too like low price points, great drilling material, thinness, amazing clarity, superior optics, lightweight and cosmetic appeal. This course drills deeply and explores the unique properties of plus, minus, cylinder, prism and a plethora of material choices offered today. Come and join us as we explore the properties of ophthalmic lenses.

As a result of this course, the student should be able to:

1. Closely determine what the lens Rx is.
2. List the indices of refraction and their relation to ABBE Value
3. Compare impact resistancy and specific gravity to various lens materials.
4. Listen to pitch (speaker will demonstrate with microphone) and match to the lens material.
5. Identify tensile strengths and its importance for drilled lenses.

notes: