


## Ophthalmic Optics lectures recorded - Guyton and Irsch - February, 2021

(number is page in Ophthalmic Optics and Clinical Refraction lecture SYLLABUS)

	LECTURE TITLE	VIDEO LECTURE #	POSITION IN VIDEO
00	<b><i>Optics and Refraction Lecture SYLLABUS</i></b> <b><i>(PDF found in "Course Materials" in first online module)</i></b>	--	--
11	Vergence	Optics and Refraction (2/5)	<b>0:00:00</b>
12	Lens power defined in terms of vergence	Optics and Refraction (2/5)	0:08:17
14	Power of spherical refracting surfaces and lenses in fluid	Optics and Refraction (2/5)	0:25:42
15	Real vs. virtual objects and images	Optics and Refraction (2/5)	0:36:39
17	Focal points and lengths - 18 Ray tracing - The central ray	Optics and Refraction (2/5)	0:50:14
20	Thick lenses - 21 The schematic eye	Optics and Refraction (2/5)	1:08:45
22	Refractive errors and far points and far lines	Optics and Refraction (2/5)	1:22:08
23	Conjugate points and planes	Optics and Refraction (2/5)	1:27:09
24	Correction of ametropia using the far point concept and Vertex distance conversion	Optics and Refraction (2/5)	1:35:30
25	Lens effectivity	Optics and Refraction (2/5)	1:41:05