





Terr	ninology			
Lens	Alternate Name	Diameter	Bearing	Tear Reservoir
Corneal	-	8.0 to 12.5 mm	All on cornea	No tear reservoir
Corneo- scleral	Corneal- Limbal Semi-scleral Limbal	12.5 to 15.0 mm	Shared bearing on cornea and sclera	Limited tear reservoir capacity
Onland	Handla	Mini-scleral 15.0 to 18.0 mm		Somewhat limited tear reservoir capacity
Scieral	нартіс	Large-Scleral 18.0 to 25.0 mm	All on Sciera	Almost unlimited tear reservoir capacity







SO ADE THEDE ANV SCLEDA	
COMPLICATIONS?	LENG
<u>GSLS 2017</u>	
Poster by <u>Yeung and Sorbara</u> conducted a survey corescribing trends and complications in North Ame	of scleral len erica.
Of the respondents' patient population, 26.8% expo midday fogging.	erienced
imbal hyperemia was present in 23.7% of the pati corneal staining was observed by respondents in 1 patient population.	ients, and 3.3% of the





















	CORNEAL C	RAFTS	🍼 Menic
OSE K	<u>ENDOTHELIAL</u>	COUNT	
	SO IS IT SAFE TO REDU	CE OXYGEN LEVELS	
	FURTHER TO TH	ESE ALREADY	
COMPROM	SED CORNEAS WITH L	OWER ENDOTHELIA	L COUNTS ?
Trans Am Oph CORNEAL END	thalmol Soc. 2004 Dec; 102: 57 OTHELIUM AND POSTOPERAT	7-66. TIVE OUTCOMES 15 YEARS	S AFTER
Trans Am Oph CORNEAL END Sanjay V Patel	thalmol Soc. 2004 Dec; 102: 57 OTHELIUM AND POSTOPERAT PENETRATING KERATOPLAST BMBS, [*] David O Hodge, MS, a	7–66. TIVE OUTCOMES 15 YEARS TY nd <u>William M Bourne</u> , MD	5 AFTER
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R D S E K	ROSE K2 XL™	S Menicon
	SO WHAT FACTORS SHOULD WE CONSIDER WHEN COMP CORNEO-SCLERAL LENSES TO SCLERAL LENSES?	ARING
	1. Oxygen availability to the cornea	
	3. Tear exchange /Lens movement	
	5. Midday fogging	
	Corneal changes – eg Epithelial bogging?	
	7. Conjunctival changes-prolapse	
	8. Comfort	







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	SO WHAT FACTORS SHOULD WE CONSIDER WHEN CO CORNEO-SCLERAL LENSES TO SCLERAL LENSES	MPARING 5?
	1. Oxygen availability to the cornea	
	2. Lens settling(fitting) time 3. Tear exchange /Lens movement 4. Lens diameter?	
	5. Midday fogging	
	 Corneal changes – eg Epithelial bogging Conjunctival changes prolanse 	?
	8. Comfort	
	9 Handling and removal	









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	SO WHAT FACTORS SHOULD WE CONSIDER WHEN COMPARING CORNEO-SCLERAL LENSES TO SCLERAL LENSES?	3
	1. Oxygen availability to the cornea 2. Lens settling (fitting) time	
	3. Tear exchange /Lens movement	
	 Lens diameter? Midday fogging 	
	 Corneal changes – eg Epithelial bogging? 	
	7. Conjunctival changes-prolapse	
	8. Comfort	



























