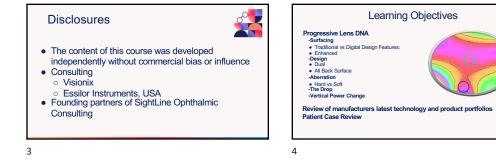


## Michelle J. Hoff, OD, FAAO, ABOM, FNAO



 SightLine Ophthalmic Consulting | Co-founder and CEO Doctor of Optometry (OD) Master in Ophthalmic Optics (ABOM)
Registered Spectacle Lens Dispenser (CA-SLD
Licensed Optometrist (CA-DCA)

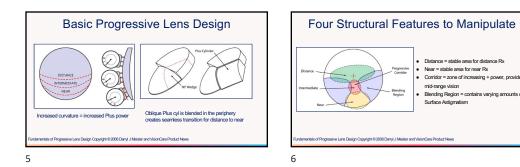


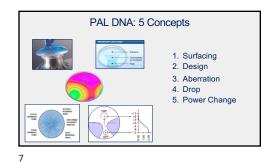
 Distance = stable area for distance Rx Near = stable area for near Rx Corridor = zone of increasing + power, provides

Blending Region = contains varying amounts of

mid-range vision

Surface Astigmatism

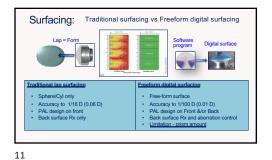




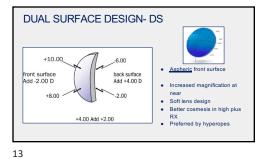


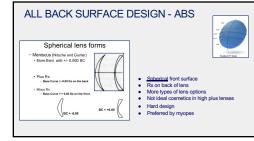


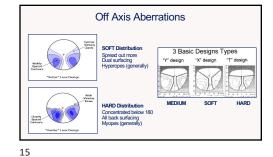




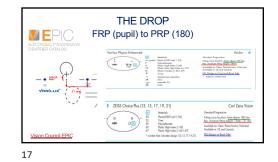


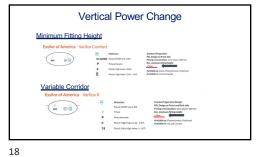




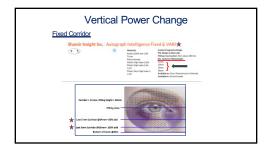




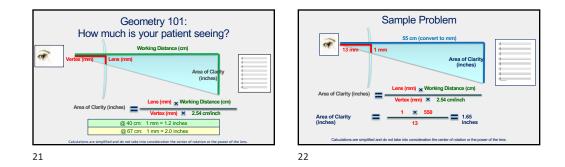




Variable Corridor PAL with visual activity profile See. J. Carl Zeiss Vision ZEISS SmartLife Individual M 50 53 Materials: P 10 A00 Custom Progressive Des PAL Design on Back side Fitting cross location: & Rec. minimum fitting hei Plastic (CR39 and 1.50) Trives Rec. minimum fitting help 59 Polycarbon : Clear; Phot 60 67 74 Plastic High Index (1.60) Plastic High Index (1.66 - 1.67) Plastic Ultra High Index (> 1.67)



20



Example: 2	Fixed Corridor PAL Concept Example: 20mm fitting height, last 3 mm of corridor = 100% add				
19mm corridor 4mm near	17mm corridor 6mm near	15mm corridor 8mm near	13mm corridor 10mm near		
4mm = 4.8 inches	6mm = 7.2inches	8mm = 9.6 inches	10mm = 12 inches		







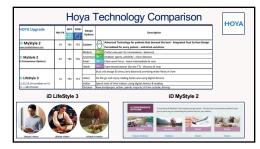
Essilor Portfolio				
Free Form PAL 2 Cat. N	Free From PAL 1 Cat. O	Premium PAL 2 Cat. F	Premium PAL 1 Cat. J	
Varilux XR Design Technology 14/4(DS) Varilux X Design Technology Fit 14/4(DS)	Comfort Max Fit 14/4/DS Varilux X Design Technology 14/4(DS)	Comfort Max 14/4/DS Comfort 2 Drx/Short 17/14/4(ABS)	Comfort 2 17/4(FS) Comfort 2 Short 14/4(FS)	
Soft,	rration X = DS ioft, Y = ABS		2	

Essilor Technol	ogy Comparison
ARILUX* LENS TECHNOLOGIES	
TECHNOLOGY	WEARER BENEFIT
All Varilux* lens designs	Comfortable reading area
Digital Surfacing	Better positions near zone for large reading area
Harmful Blue Light* Protection (Essential Blue Series**)	Up to 3x more protection from Harmful Blue Light that a standard clear lens**
W.A.V.E. Technology <sup>14</sup>	Sharp vision at all distances
W.A.V.E. Technology 2 <sup>th</sup>	Sharp vision at all distances even in dim lighting
Binocular Booster (Varilux* Physio* W3+) SynchronEyes''' (Varilux* X Series''')	Allows wearer to easily transition between near & far
Nanoptix <sup>**</sup> Technology	Helps eliminate "off-balance" feeling
Xtend™ Technology	Reduces head movement within arm's reach
Personalized Measurements***	Provide maximum lens performance despite difference in frame size & shape

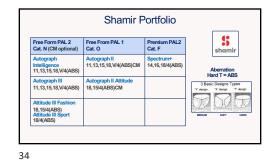




Hoya Portfolio					
Free Form PAL 2 Cat. N CM optional)	Free From PAL 1 Cat. O	Premium PAL2 Cat. F	Prem PAL 1 Cat. J		
iD MyStyle2 14/4(DS) Noders, Adventure, Detail, Stable	Array 2/ Wrap 11,13,15,17,VL/4(ABS )CM	Array 11,13,15,17,V/4(ABS)	Hoyalux GP Wide 18/4(FS)		
iD LifeStyle3 11,12,13,14,VL(DS) Urban, Indoor, Outboor		Summit ecp iQ 18/4/(FS) Summit cd iQ 14/4(FS)			
Aberratio Soft X = D Medium Soft Y	n S	C Designs Types 'X' design 'T' design	-		







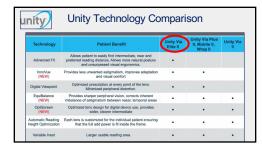
riogressiv	e Lens Tech	inology et	mpanson		shamir
Design	Autograph Intelligence	Autograph III	Autograph II+	InTouch	Spectrum+
Technology	\$55+	\$\$\$	\$\$	\$\$	\$
Eyepoint Technology Al	V				
Continuous Design					
Al Engine					
Eyepoint Technology III					
Natural Posture	<b>V</b>				
IntelliCorridor					
As-Worn Quadro		V			
Eyepoint Technology					
Eyepoint Technology As-Worn			Ø		
Close-Up			V		

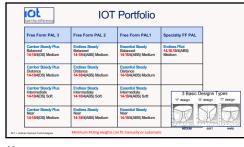
ZEISS	Zeiss Po	ortfolio	
Free Form PAL 2 Cat. N (CM optional)	Free Form PAL 1 Cat. O	Premium PAL 2 Cat. F	Premium PAL 1 Cat. J
SmartLife Individual I/N 13/6(ABS) SmartLife Individual I/N (S,M,L)14,16,18/6(ABS)	SmartLife Pure (S,M,L) 14,16,18/6(ABS)	Choice 13-15-17-19/6(ABS)	Gradal RD 21/6(FS)
	SmartLife Plus 13/6(ABS)	GT2/Short 17/13 /4(FS)	
	SmartLife Superb 13/6(ABS)CM		3 Basic Designs 7" design - X" design
	Aberral Hard T =		

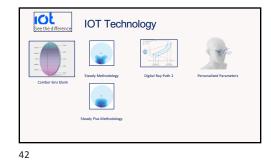
	Smart29e Progressive	Smortlife Prograsiva	Smartille Progression	Smartille Prograssive	SmartLife Progressian	
Individuality ** Technology Optimization to the individual main duity activities	has	Plus	Superb	Indvidual		
Face FIX ** Technology Optimization to the individual position of wear parameter for full potential of lana zones			0	0	0	
FrameFit+* Technology Optimization to the Individual position of wear parameter for full accessed of tens access	14 mm(5) 16 mm(M) 18 mm(b)	0	0	0	14 mm(S) 16 mm(M) 18 mm(L)	SmartView Tech
Digital inside "* Technology Optimization of the rear zone for bottor reading an obtain devices		0	0	0	0	Smart Dynamic 0 Smart Dynamic 0 Smart Dynamic 0 Smart Dynamic 0 successful to air second seco
Luminance Design <sup>74</sup> Technology 2 Optimization based on zwerzge light conditions & age-related parel diameter	0		0	0	0	granic could behavior
Smart/Flow Technology Optimization based on today's connected & on the move lifeticle	0	0	0	0	0	Age intelligence Considers the exclusion every stage of the laws

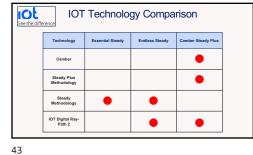


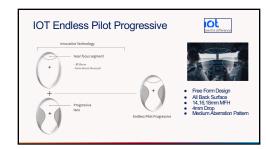
unity	Unity Po	ortfolio	
Free Form PAL 2 Cat. N (CM optional)	Free From PAL 1 Cat. O	Premium PAL 2 Cat. F	Premium PAL 1 Cat. J
Via Elite II 12/4(ABS)	Via Plus II 12/4(ABS)CM	Via II 12/4(ABS)	Ethos Plus 18/14/4/ABS
	Via Wrap II 12/4(ABS)CM		3 Basic Designs Types
	Aberrat Medium Soft	ion Y = ABS	MEDUM SOFT

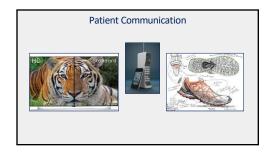














What are you going to prescribe for Ted? Ted is a 53 y.o.M. LEE: 2 yrs. CC: decreased Dist & Int vision Pt wears 2 pair of glasses (SVD and SVN) Interested in all purpose glasses Lensometry Dist. Rx OD -2.75 1.25 x 085 20/25 OS -3.00 -1.50 x 085 20/25 Near Rx (Effective ADD =+1.50) OD -1.25 -1.25 x 085.8M OS -1.50 -1.50 x 085.8M Manifest Refraction OD -3.25 -1.25 x 085 20/15 OD -3.50 -1.50 x 085 20/15 Add +2.25 Spectacle Recommendations • near task specific lenses = computer use • general wear progressive = indoor • GW PAL sunglasses. • task specific musician glasses Ted would like a frame that is similar to the one he wears. Fitting Height = 22 mm 47

Freeform PAL 2 (N)	Freeform PAL 1 (0)	Premium PAL 1 (F)
ESSILOR	ESSILOR	ESSILOR
Varilux XR 14 🔸	Varilux X Design 14	Varilux Comfort Max 14
		Varilux Physio DRx/Short 17/
ZEISS		
SmartLife Individual, Individual I, Individual N 13		
SmartLife Individual, Individual I, Individual N S 14, M 16, L 18		
ноуа	HOYA	
ID Lifestyle3 Outdoor/Indoo/Urban 11,12,13,14,VL	Array 2 11, 13, 15, 17, VL	
		OD -3.25 -1.25 x 085
ID MyStyle2 Modem/Adventure/Detail/Stable 14		OD -3.50 -1.50 x 085
		Add +2.25
		Fitting Ht. = 22mm
SHAMIR	SHAMIR	L
Autograph Intelligence 11,13,15,18,V	Autograph II 11,13,15,18,V	
	Autograph II Attitude 18,15	
Attitude III Fashion 18,15		
Attitude III Sport 18		



Freeform PAL 2 (N)	Freeform PAL 1 (0) ESSIL OR	Premium PAL 1 (F)
Varilue XR 14	Varilux X Design 14	ESSILOR Varian Comfort May 14
Variiux XR 14	variut A Design 14	Varilux Corriert Max 14 Varilux Physic DRx/Short 17/1
ZEISS		
SmartLife Individual, Individual I, Individual N 13		
SmartLife Individual, Individual I, Individual N S 14, M 16, L 18		
ноуа	HOYA	
ID Lifestyle3 Outdoor/Indoo/Urban 11,12,13,14,VL	Array 2 11, 13, 15, 17, VL	
ID MyStyle2 Modern/Adventure/Detail/Stable 14		
SHAMIR	SHAMIR	
Autograph Intelligence 11,13,15,18,V	Autograph II 11,13,15,18,V	
	Autograph II Attitude 18,15	
Attitude III Fashion 18,15		
Attitude III Sport 18		
UNITY	UNITY	UNITY
Via Elite II 12	Unity Via Plus/Wrap II 12	Unity Via II 12

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Freeform PAL 2 (N)	Freeform PAL 1 (0)	Premium PAL 1 (F)
ESSILOR	ESSILOR	ESSILOR
Varitux X Fit 14	Varilux X Design 14	Varilux Comfort Max 14 Varilux Physio DRe/Short
ZE//5.5		
SmartLife Individual, Individual I, Individual N 13		
SmartLife Individual, Individual I, Individual N S 14, M 16, L 18		6.0
ноул	ноуд	
ID Lifestyle3 Outdoondco Lifban 1 12,133,VL	Array 2 11, 13, 15, 17, VL	
ID MyStyle2 Modem/Adventure/Detail/Stable 14	Short Corridor	Variable Corridor
SHAMIR	SHAMIR	OD +1.00 DS
Autograph Intelligence 11,13,15,18,V	Autograph II 11,13,15,18,V	OD +1.00 DS
	Autograph II Attitude 18.15	Add +1.50
Attitude III Fashion 18.15		Fitting Ht. = 28
Attitude III Sport 18		



l	_ens Portfolio	
Freeform PAL 2 (N)	Freeform PAL 1 (0)	Premium PAL 1 (F)
ESSILOR	ESSILOR	ESSILOR
Varilux XR 14	Varilux X Design 14	Varilux Comfort Max 14
		Varilux Physio DRx/Short 17/
ZEISS		
SmartLife Individual, Individual I, Individual N 13		
SmartLife Individual, Individual I, Individual N S 14, M 16, L 18		
ноуа	ноча	
iD Lifestyle3 Outdoor/Indoo/Urban 11,12,13,14,VL	Array 2 11, 13, 15, 17, VL	
iD MyStyle2 Modern/Adventure/Detail/Stable 14		
SHAMIR	SHAMIR	
Autograph Intelligence 11,13,15,18,V	Autograph II 11.13.15.18.V	
	Autograph II Attitude 18.15	
Attitude III Fashion 18,15		
Attitude III Sport 18		
UNITY	UNITY	UNITY
Via Elite II 12	Unity Via Plus/Wrap II 12	Unity Via II 12



