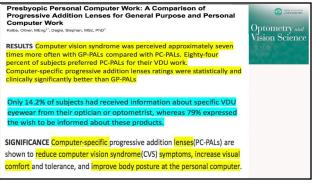


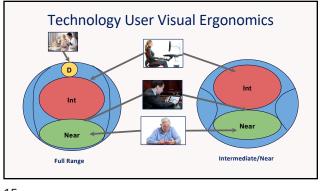


cil 2016 Digital Eye Strain Re

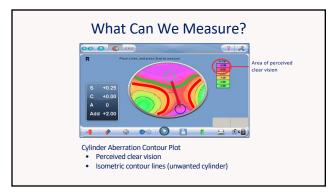
IT, EYES OVEREXPOSED: THE DIGITAL DEVICE DILEMMA

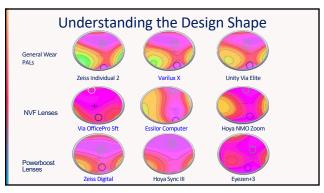
Why Use A Computer Lens?			
PAL	Com	Computer Lens	
Narrow corridor	Wide corridor		
Intermediate positioned low	Intermediate positioned	at straight gaze and/or below	
Small near zone	Large near zone		
Small, narrow Intermediate	Intermediate + Near w/small distance	Intermediate + Near No distance	
Classic PAL	Full Range NVFL	Intermediate/Near	

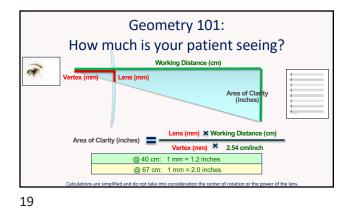








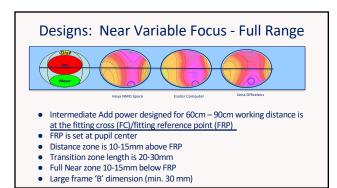


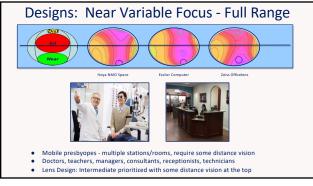


	All of the second secon		
1 mm	at 67 cm: 1 mm of usable len	s height = 2.0 inches view on sc 5 mm	reen 7 mm
111111	6 inches	10 inches	14 inches

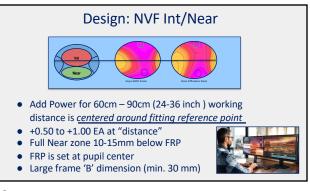
Hora<br/>BrancurHora<br/>Brancur



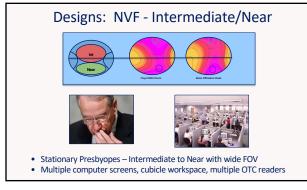


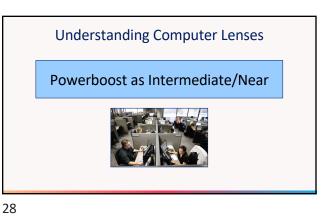


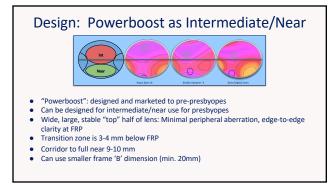


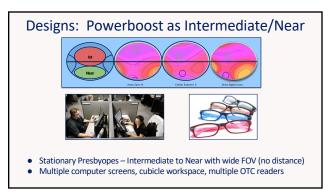






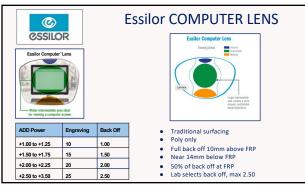


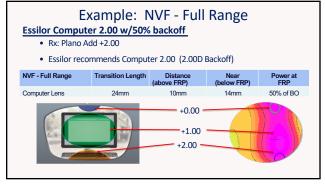


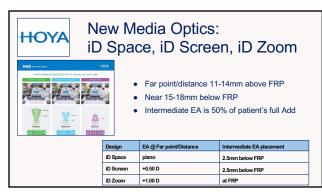


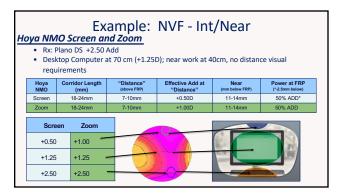
Effective add at Fitting Reference Point (FRP)			Effective add at Top of lens
CARL 2005 VISION OfficeLens: Room, Desk, Book		Room +0.50 Desk +0.75 Book +1.25	Room +0.25 Desk +0.50 Book +1.00
COMPUTER LENS		50% of Back off	0.00 to +0.25 (max back off -2.50)
HOYA New Media Optics: Space, Screen, Zoom		Space/Screen: 50% add @2.5mm below FRP Zoom:50% of Add	Space +0.00 Screen +0.50 Zoom +1.00
Workspace/Computer Workspace: 50% of Add Computer: 50% of Add plus +0.25D		Workspace +0.25 Computer +0.75	
SHAMIR Autograph II Office 50% of Backoff		50% of Backoff	Add minus Backoff (max -2.25)
UNITY	a OfficePro: 10ft., 5 ft.	range of vision for: 10ft @110cm 5ft @80cm	10/t +0.33 5ft +0.67

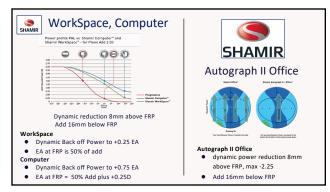














Power Boos	t Lenses	Boost at the bottom
Eye <b>zen</b>	Essilor Eyezen +1, 2, 3, 4	+0.40, +0.60, +0.85, +1.10
	Hoya Sync 5 Hoya Sync 9 Hoya Sync 13	+0.57, +0.95, +1.32
Relieve 50, 70	Relieve 50 Relieve 70	+0.50, +0.70
ZEISS CARLZEISS VISION	Zeiss Digital Lens Digital 500 Digital 750 Digital 1000 Digital 1250	+0.50, +0.75 +1.00, +1.25

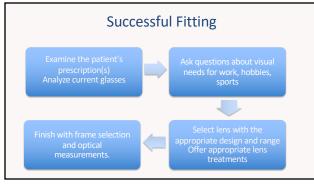


## EXAMPLE RX

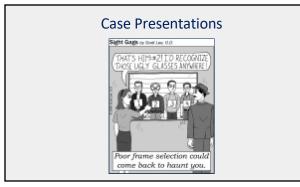
Plano with +2.25, Intermediate effective ADD is +1.25

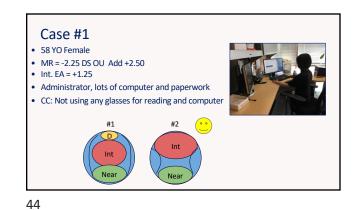
• Determine the EA at intermediate distance

<ul> <li>Select the appropriate Powerboost lens design</li> </ul>				
Powerboost Lens	Boost	Fit	EA Int/Near	
Sync5/Sync9/Sync13	0.55 / <b>0.95</b> 1.32	Pupil	+1.25 / +1.80 +1.25 / +2.20 +1.25 / +2.57	
Zeiss Digital Lens	0.50 / 0.75 1.00 / 1.25	Pupil	+1.25 / +1.75 +1.25 / +2.00 +1.25 / +2.25 +1.25 / +2.50	
Eyezen+ 1/2/3/4	0.40 / 0.60 / <mark>0.85</mark> / 1.10	Pupil	+1.25/+1.65 +1.25/+1.85 +1.25/+2.10 +1.25/+2.35	
Unity Relieve 50, 70	0.50 / 0.70	Pupil	+1.25 / +1.75 +1.27 / +1.95	



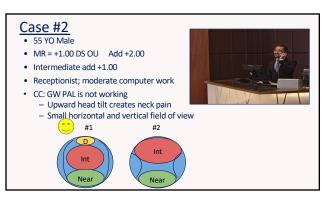




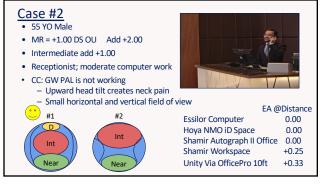


Product Portfolio Summary NVF Lens Designs					
Effective add at I	Effective add at Fitting Reference Point (FRP)				
ZEXX         CARL ZEISS VISION         Room         +0.50           OfficeLens:         Desk         +0.75         Book         +1.25           Room, Desk, Book         Book         +1.25         Book         +1.25		Room +0.25 Desk +0.50 Book +1.00			
	50% of Back off	0.00 to +0.25 (max back off -2.50)			
HOYA New Media Optics: Space, Screen, Zoom	Space/Screen: 50% add @2.5mm below FRP Zoom:50% of Add	Space +0.00 Screen +0.50 Zoom +1.00			
SHAMIR Workspace/Computer	Workspace: 50% of Add Computer: 50% of Add plus +0.25D	Workspace +0.25 Computer +0.75			
SHAMIR Autograph II Office	50% of Backoff	Add minus Backoff (max -2.25)			
Via OfficePro: 5ft, 10ft	range of vision for: 5ft @80cm 10ft @110cm	<b>5ft +0.67</b> 10ft +0.33			

Power Boost Lenses		Boost at the bottom
Eye <b>zen</b> ĭ	Essilor Eyezen +1, 2, 3, 4	+0.40, +0.60, +0.85, +1.10
	Hoya Sync 5 Hoya Sync 9 Hoya Sync 13	+0.57, +0.95, <b>+1.32</b>
Relieve 50, 70	Relieve 50 Relieve 70	+0.50, +0.70
ZEISS CARLZEISS VISION	Zeiss Digital Lens Digital 500 Digital 750 Digital 1000 Digital 1250	+0.50, +0.75 +1.00, <b>+1.25</b>



	Product	t Portfolio Summary NVF Lens	Designs	
	Effective add at	Fitting Reference Point (FRP)	Effective add at Top of lens	
CARL ZEISS VISION OfficeLens: Room, Desk, Book		Room +0.50 Desk +0.75 Book +1.25	Room +0.25 Desk +0.50 Book +1.00	
COMPUT		50% of Back off IN THIS CASE BACK OFF IS 2.00	0.00 to +0.25 (max back off -2.50)	
HO	New Media Optics: Space, Screen, Zoom	Space/Screen: 50% add @2.5mm below FRP Zoom:50% of Add	Space +0.00 Screen +0.50 Zoom +1.00	
SHAMIR	Workspace/Computer	Workspace:50% of Add Computer: 50% of add plus +0.25D	Workspace +0.25 Computer +0.75	
SHAMIR	Autograph II Office	50% of Back off IN THIS CASE BACK OFF IS -2.00	Add minus Backoff (max -2.25	
UNITY	Via OfficePro: 10ft, 5ft	range of vision for: 10ft @110cm 5ft @80cm	<b>10ft +0.33</b> 5ft +0.67	

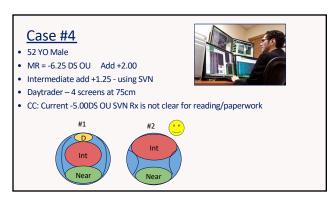




Case #3
48 YO Female
Homemaker
MR = Plano with +1.75ADD
Uses +0.75 OTC at computer
<ul> <li>+1.00 OTC at near on top of computer readers</li> </ul>
<ul> <li>CC: Wants to combine the two pairs of OTCs into a single pair of glasses</li> </ul>
#1 #2 ••
Int Near Near
50

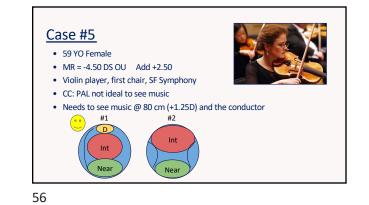
Product Portfolio Summary NVF Lens Designs				
Effective add at Fi	Effective add at Top of lens			
CARL ZEISS VISION OfficeLens: Room, Desk, Book	Room +0.50 Desk +0.75 Book +1.25	Room +0.25 Desk +0.50 Book +1.00		
COMPUTER LENS	50% of Back off	0.00 to +0.25 (max back off -2.50)		
New Media Optics: Space, Screen, Zoom	Space/Screen: 50% add @2.5mm below FRP Zoom:50% of Add	Space +0.00 Screen +0.50 Zoom +1.00		
SHAMIR Workspace/Computer	Workspace: 50% of Add Computer: 50% of Add plus +0.25D	Workspace +0.25 Computer +0.75		
SHAMIR Autograph II Office	50% of Backoff	Add minus Backoff (max -2.25)		
Via OfficePro:10ft, 5ft	range of vision for: 10tf @110cm 5tf @80cm	10ft +0.33 5ft +0.67		

roduct Portfolio	Summary -	Powerboost Len
Power Boost Lenses		Boost at the bottom
Eye <b>zen</b> °	Essilor Eyezen +1, 2, 3, 4	+0.40, +0.60, <b>+0.85</b> , <b>+1.10</b>
	Hoya Sync 5 Hoya Sync 9 Hoya Sync 13	+0.57, <b>+0.95</b> , +1.32
Relieve 50, 70	Relieve 50 Relieve 70	+0.50, +0.70
ZEISS CARL ZEISS VISION	Zeiss Digital Lens Digital 500 Digital 750 Digital 1000 Digital 1250	+0.50, +0.75 <b>+1.00</b> , +1.25



Product	Portfolio Summary NVF Lens	Designs	
Effective add at I	Effective add at Fitting Reference Point (FRP)		
CARL ZEISS VISION OfficeLens: Room, Desk, Book	Room +0.50 Desk +0.75 Book +1.25	Room +0.25 Desk +0.50 Book +1.00	
COMPUTER LENS	50% of Back off	0.00 to +0.25 (max back off -2.50	
New Media Optics: Space, Screen, Zoom	Space/Screen: 50% add @2.5mm below FRP Zoom:50% of Add	Space +0.00 Screen +0.50 Zoom +1.00	
SHAMIR Workspace/Computer	Workspace: 50% of Add Computer: 50% of Add plus +0.25D	Workspace +0.25 Computer +0.75	
SHAMIR Autograph II Office	50% of Backoff	Add minus Backoff (max -2.25)	
UNITY Via OfficePro: 10ft, 5ft	Range of vision for: 10ft @110cm 5ft @80cm	10ft +0.33 5ft +0.67	

Product Portfo	olio Summary - P	owerboost Lenses
Power Boost Lenses		Boost at the bottom
Eye <b>zen</b> ĭ	Essilor Eyezen +1, 2, 3, 4	+0.40, +0.60, <b>+0.85</b> , +1.10
HOYA SYNC III	Hoya Sync 5 Hoya Sync 9 Hoya Sync 13	+0.57, +0.95, +1.32
Relieve 50, 70	Relieve 50 Relieve 70	+0.50, <b>+0.70</b>
ZEISS CARLZEISS VISION	Zeiss Digital Lens Digital 500 Digital 750 Digital 1000 Digital 1250	+0.50, <b>+0.75</b> +1.00, +1.25



Effective add at Fitting Reference Point (FRP)		Effective add at Top of lens		
CARL ZEISS VISION OfficeLens: Room, Desk, Book		Room +0.50 Desk +0.75 Book +1.25	Room +0.25 Desk +0.50 Book +1.00	
ESSIL COMPUTI	OR ER LENS	50% of Back off IN THIS CASE BACK OFF IS 2.50	0.00 to +0.25 (max back off -2.50)	
HOY	A New Media Optics: Space, Screen, Zoom	Space/Screen: 50% add @2.5mm below FRP Zoom:50% of Add	Space +0.00 Screen +0.50 Zoom +1.00	
SHAMIR	Workspace/Computer	Workspace: 50% of Add Computer: 50% of Add plus +0.25D	Workspace +0.25 Computer +0.75	
SHAMIR	Autograph II Office	50% of Back off IN THIS CASE BACK OFF IS -2.25	Add minus Backoff (max -2.25)	
UNITY	Via OfficePro: 10ft, 5ft	range of vision for: 10ft @110cm 5ft @80cm	10ft +0.33 5ft +0.67	

