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Sport	Total Injuries	0-14 years old	15+ years old	
* Basketball	4,597	985	3,632	
* Water/Pool activities	4,565	2,637	2,198	
☆ Guns: air, gas, spring, BB	3,612	1,632	1,980	
Baseball/Softball	2,109	1,121	988	
Football	959	483	476	
Bicycling	2,495	668	1,827	
Soccer	1,618	404	1,214	









Lens Material						
	Safety First					
Lens Type	Index	Abbe	Specific Gravity	Impact Resistance	UV Protection	
	1 5 2 2	50	2.54		No	
Glass	1.525	- 55	2.34	poor	INU	
Glass CR-39	1.498	58	1.32	good	No	
Glass CR-39 Trivex	1.323 1.498 1.530	58 46	1.32 1.11	good excellent	No Yes	

















Lens Desig	Ins for Rxin	g Near Plu
Lenses	Benefits	Limitations
Single Vision Near	Wide Field of View	Distance Blur
Bifocal	Wide Field of View	Cosmesis Image Jump
PAL (Short Corridor)	Cosmesis	Small Reading Area Narrow Corridor Cost
SV Distance with Near Power Boost	Wide Field of View Cosmesis Lower Cost	(Practically None)



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Progressive Lenses Zeiss Hoya 21155 Shamir 🕵 ноуа iD LifeStyle3 Urban, Indoor, Outdoo SmartLife Individual Autograph Intelligence 11,13,15,18,V Balanced, Intermediate, Nea Short 14 Medium 16 11,12,13,14,VL Long 18 Dual Surfaced All Back Surface All Back Surface Good for High Plus Rx Array 2 BKS 11,13,15,17,VL All Back Surface



Powerboos	t Lenses/A	nti-fatigue	
Power Boos	Power Boost Lenses		
ZEISS DIGITAL LENS	Digital 500 Digital 750 Digital 1000 Digital 1250	+0.50 +0.75 +1.00 +1.25	
Eyezen	Eyezen +1 Eyezen +2 Eyezen +3 Eyezen +4	+0.40 +0.60 +0.85 +1.10	
HOYA SYNC III	Hoya Sync 5 Hoya Sync 9 Hoya Sync 13	+0.57 +0.95 +1.32	
UNITY RELIEVE LENSES	Relieve 50 Relieve 70	+0.50 +0.70	





CASE 1		: 1	Dr. Brown Eyes 123 Sunshine St. Amazing, CA 98765			
NAME	An	nie				
ADDRE	ss				DATE	
Ŗ		SPHERICAL	CYLINDRICAL	AXIS	PRISM	BASE
D.V.	0.D.	+1.00	DS			
	0.S.	+1.00	DS			
N.V	0.D.	+1.00				
	0.S.	+1.00				
Rema	ks					
DR.						

Power Boost	Lenses	Boost at the Bottom		
ZEISS DIGITAL LENS	Digital 500 Digital 750 Digital 1000 Digital 1250	+0.50 +0.75 +1.00 +1.25		
Eye zen '	Eyezen +1 Eyezen +2 Eyezen +3 Eyezen +4	+0.40 +0.60 +0.85 +1.10		
HOYA SYNC III	Hoya Sync 5 Hoya Sync 9 Hoya Sync 13	+0.57 +0.95 +1.32		
UNITY RELIEVE LENSES	Relieve 50 Relieve 70	+0.50 +0.70		





Multifocals: Powerboost Lenses/Anti-fatigue								
	Power Boost	Boost at the Bottom						
	ZEISS DIGITAL LENS	Digital 500 Digital●50 Digital 1000 Digital 1250	+0.50 +0.75 +1.00 +1.25					
	Eyezen	Eyezen +1 Eyezen +2 Eyezen +3 Eyezen +4	+0.40 +0.60 +0.85 +1.10					
	HOYA SYNC III	Hoya Sync 5 Hoya Sync 9 Hoya Sync 13	+0.57 +0.95 +1.32					
	RELIEVE LENSES	Relieve 50 Reliev● 70	+0.50 +0.70					







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Displaying Frames
Image: A standard st











 Point C: Everyone WINS!

 Image: Construction of the second secon

