AN ANALYSIS OF COGNITIVE AND AFFECTIVE COMPONENTS OF NORTH AMERICAN OPTOMETRY SCHOOL CLINICS' PRIMARY CARE EXAMINATION DOCUMENTS

by

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Rana Taji

This paper is submitted in partial fulfillment of the

requirements for the degree of

Doctor of Optometry

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Doctoral Candidate

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____April 1st, 2010 _____

Date

ABSTRACT

Background: The cognitive and affective learning domains can greatly impact patient care; however, it is reported that most doctors emphasize the cognitive domain. And since patient care examination documents generally guide the examinations, this study intends to investigate the primary care examination documents of the North American Optometry School Clinics to determine their relative cognitive and affective content. *Methods:* The clinic directors at all North American Optometry Schools (including Puerto Rico and the two schools in Canada) will be contacted and requested to send copies of their primary eye care examination case history and examination forms. Once received, a system will be determined to evaluate the content of the forms to determine measures of cognitive and affective emphasis. *Results:* At the time of data collection, 19 schools were contacted for the purpose of collecting the data. 14 responded and provided their case history and primary eye care examination forms. A 74% response rate was pleasantly surprising but nonetheless it was hoped all the schools would have responded. The analysis of the cognitive and affective components in the primary care examination forms will be reported for the documents received from the North American Optometry Schools. *Conclusions:* The results of this study will be summarized and analyzed for potential significance.

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Introduction:

The importance of data collected in an optometric examination is based upon the number of elements assigned to different domains. During collection of examination data, such as acuities, pupils, extra ocular muscle testing and so forth, the clinician tends to follow protocols and record keeping practices in place at their institution. The emphasis of various domains typically begins with students in optometric institutions, which then translates into practice upon graduation. The word domain is used here to specify various components in an optometric examination, whether it be cognitive or affective components. The variables typically noted in an examination form tend to dictate the flow of the exam, and creates a certain structure for an exam. This was illustrated by Varpio et al, who pointed out the impact of the record placing on the interaction, and the role the patient record has (Fylan & Grunfeld, 2002). In record keeping forms, cognitive domains are generally much more emphasized than affective domain, based on prior experience with such records. Many clinicians rely on their observational skills in noting affective components, without physically recording them. The literature has as of yet to conduct a thorough evaluation of the different cognitive and affective domains in optometry examinations. One article explored the importance for patient understanding and comprehension of the collection process of optometric information (Lecoq, 2002), but did not detail the variables and provide a comparison. Similarly, another articles looking at improving record keeping descriptions in monitoring systemic hypertension (Wolffsohn et al, 2001). It is apparent from the scarcity of research that there is a need for more in the discussed subject matter.

Rationale:

While the collection of cognitive information remains of great importance during an eye care exam, the affective components that often go undocumented are also quite significant. A comparison and contrast of the domains present in North American optometry schools has never been conducted, as per a thorough literature search. Such research will aid in identifying the strengths and weaknesses of the schools' record keeping practices.

Methods:

The clinical directors of all North American optometry schools, including Canada, were contacted, in an attempt to collect copies of their primary eye care examination forms. The response rate was 74% (14 out of 19 schools responded). The forms were reviewed, outlining several cognitive and affective domains, and will be further analyzed to determine which schools contain, and which lack the chosen variables. 5 cognitive and 5 affective domains will be chosen for further determination of their presence in the collected examination forms. 5 were chosen for preliminary comparisons and contrast, as this report serves as a proposal for future experimentation and research in the subject matter at hand. Randomly, the 5 cognitive domains chosen were visual acuity, cover test, pupils, refraction, and posterior pole evaluation. The 5 affective domains chosen were mood, affect, orientation, receptiveness to doctor, and whether or not a patient asked questions.

Results:

Upon evaluation of the examination forms, 5 domains were selected from the cognitive and affective categories. Visual acuity, cover test, pupils, refraction, and posterior segment evaluation were selected as cognitive domains. The following is a table outlining whether or not these were present in the schools' examination forms:

School	Domain							
	Visual Acuity	Cover Test	Pupils	Refraction	Posterior Segment Evaluation			
Nova	Present	Present	Present	Present	Present			
University of Montreal	Present	Present	Present	Present	Present			
Southern	Present	Present	Present	Present	Present			
University of Waterloo	Present	Present	Present	Present	Present			
Berkley	Present Prese		Present	Present	Present			
Indiana	Present	Present	Present	Present	Present			
MCO	Present	Present	Present	Present	Present			
Northeastern	Present	Present	Present	Present	Present			
OSU	Present Present		Present	Present	Present			
Pacific	Present	Present	Present	Present	Present			
SCO	Present	Present	Present	Present	Present			
SUNY	Present	Present	Present	Present	Present			
UAB	Present	Present	Present	Present	Present			

As the table illustrates, all cognitive domains chosen are present. The records do not fall short in having the key components present to be properly documented. Table 2 illustrates the affective domains present in the examination forms:

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School	Domain							
	Mood	Mood Affect Orientati		Receptive to Doctor	Asks Questions			
Nova	Present	Present	Present	Absent	Absent			
University of Montreal	Absent	Absent	Absent	Absent	Absent			
Southern	Present	Present	Present	Absent	Absent			
University of Waterloo	Absent	Absent	Absent	Absent	Absent			
Berkley Presen		Present	Present	Absent	Absent			
ICO	Absent	Present	Present	Absent	Absent			
Indiana	Absent	Present	Present	Absent	Absent			
MCO Northeastern	Present	Present	Present	Absent	Absent			
	Present	Present	Absent	Present	Present			
OSU	Absent	Absent	Absent	Absent	Absent			
Pacific	Present	Present	Present	Absent	Absent			
SCO	Present	Present	Present	Absent	Absent .			
SUNY	Absent	Absent	Absent	Absent	Absent			
UAB	Present	Present	Present	Absent	Absent			

Table 2: Affective Domains

Two further affective domains were created that were absent in most forms: receptiveness to doctor, and whether or not the patient asked questions. Out of 14 schools, Northeastern was the only school to have a checkbox that addressed these two domains. Most schools included mood, affect, and orientation, which are compliant with Medicare guidelines. Several U.S schools, however, failed to include some or all of these components. Both Canadian schools failed to include any affective domains, which may be attributed to different documentation guidelines. Overall, the three standard affective domains were present for most optometry schools, and the two additional were absent in almost all forms.

Discussion:

Initial examination of the data would indicate that further analysis is necessary to properly discern whether the affective components in place in most record keeping forms for the schools are indeed effective or not. Emphasis on cognitive domains is undoubtedly present in eye care examination forms. A preliminary look at the data collected illustrates a lack of attentiveness towards affective domains; hence further concentration on such components is warranted. When it comes to patient education, diagnosis, impression and treatment plans, assessing the effectiveness of the message conveyed to the patient can be interpreted by the initial observation and recording of patient mood, affect, orientation, etc. Also, a primary eye care provider, identifying affective issues in a patient's life, in order to properly educate and direct them to further care is essential, as mental health contributes to physical health in general.

Conclusion:

Initial examination of the cognitive and affective elements present in North American Optometry schools' examination forms demonstrates the need for further research into this subject matter. Upon conducting a literature search, it was determined that this area is fairly under researched, if looked upon at all. By strengthening affective domains, the optometric examination in general will be strengthened and evaluation of treatment plans and patients' receptiveness can be further evaluated.

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APPENDIX A

NOVA FORMS

THE EYE INSTITUTE AT NOVA SOUTHEASTERN UNIVERSITY

Patient Name:	
Date of Birth:	Date:

The following is a review of your overall health. The questions are divided into different body systems. Please answer yes (Y) if you have or have ever had the following conditions or no (N) if you have not. There is a blank space for you, marked 'Other', to add conditions we do not specifically inquire about. Please provide any additional information about your health on the back.

Last Eye Examination:					Last Physical Exa	amina	tion:	
Ocular / Eye		Musculoskeletal			Ga	Gastrointestinal		
Y	N	Glaucoma	Y	N	Osteoarthritis	IY	N	Loss of appetite
Y	N	Cataracts	Y	N	Rheumatoid arthritis	Y	N	Cancer
Y	N	Macular degeneration	Y	N	Osteoporosis	IY	N	Other:
Y	N	Previous eye injury	Y	Ν	Other:			•
Y	N	Previous eye surgery					spira	
Y	N	Burning	Ski			Y	N	Asthma
Y	N	Itching	Y	N	Itching	Y	N	Chronic Bronchitis
Y	N	Tearing	Y	N	New moles/growths	Y	N	Wheezing
Y	N	Seeing floating spots	Y	N	Other:	Y	N	Shortness of breath
Y	N	Seeing flashing lights				Y	N	Other:
Y	N	Double vision			gical			
Y	N	Eye turn/Eye exercises	Y	Ν			***	irinary
Ý	N	Other:	Y	N	Seizures	Y	N	Kidney stones
		Y	N	Headache	Y	N	Prostate cancer	
Constitutional Symptoms		Y	N	Other:	Y	N	Breast cancer	
		l Health)				Y	N	Öther:
Y	N	Fever	pronte and a		ascular	-		
Y	N	Weight loss	Y	N	High blood pressure			/ Immunologic
Y	N	Other:	Y	N	Chest pain	Y	N	Allergies
			Y	N	Heart valve disease	Y	N	Allergies to Medicines
End	locri	ne (Hormones)	Y	N	Previous heart attack	Y	N	Autoimmune disease
Y	Ν	Thyroid problems	Y	Ν	Hardening of arteries	Y	N	HIV/AIDS
Y	Ν	Diabetes	Y	Ν	High cholesterol	Y	N	Other:
Y N Other: Y N Other:								
	Psychiatric							
Ears, Nose, Mouth, Throat				Lymphatic	Y	N	Depression	
Y	N		Y N Anemia		Y	N	Panic attacks	
Y	N	Sinusitis	Y	N	Cancer	Y	N	Anxiety
Y	N	Other:	Y N Other:		Y	N	Other:	

Please list your current medications:

Please list previous surgeries:__

Primary Care Doctor:	_	Phone #:				
Additional Notes:		Additional Doctor's	s Notes:			
			ι.			
			5			
			<i>i</i> .			
Student Doctor:	Date:	Attending:	O.D. Date:			

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Patient Name:	Date:					
Please provide any additional information about your health:						
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anna an	10.000 (M. 1990)					
	e.					
Please sign and date each entry.						

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	Additional Notes:	Additional Doctor's Notes:
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Revised November 2004

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	Co 🖸	mprehensiv	e Exami	ination Or	nly	Com	prehen	sive Exa	mination +	Annual CL Exam	ination	
Patient:							DOB			Date:		Time Started:
Age/Ge	nder/Race:		Student					Atte	nding OD:_			(am/pm)
					-	-	-		1	and the second second second second		
Chief C	Chief Complaint:								Chief Complaint:			
Seconda		a)			·				Second	ary c/o:		
HISTORY OF THE PRESENT ILLNESS (HPI):					HPI:							
Location						Location Timing						
0	Castud					Quality	•	Carabant				
Quality				ontext					Quality		Context	
Severity			M	odifying f	acto	ors			Severity		Modifyin	g Factors
Duration			As	sociated	S/S				Duration	· ·	Associat	ed S/S
PAST. F	AMILY AND	SOCIAL	HIST	ORY:							1	
POHx				•••••					POHx			
FHx									FHx			
Social: E	TOH-	Tob:		0	ther:				Social:	HOH T	ob:	Other:
Occupatio	on/Hobbies:									ion/Hobbies:		Other.
	OF SYSTEM	S FORM R	EVIEN	VED: Dy	es 🗆	no				RM REVIEWED	: Oyes O	no
Changes									Changes			
Psych:	Oriented to: I time		person						Psych:	Oriented to: 🗍 time	D place D	person
Mood/Affect:		othert						1	Mood/Attect:		er:	and the second second
Habitua	IRX OD	1				DV/A	00	0		Contact Lens R	×	
						(sc/cc) OS _		·	Replace: Q1D	DIW D2W	D1M DOther
	os					NVA	00_	0U		Wearing Sched Care System:		
						(sc/co) OS _	Contraction of the local division of the loc]	BINOCULAR	EXAMIN	ATION
VA	OD	VA	OD	ORx	•		VA near		ORx	Method Use	d D RP	CI PB
distance	os	distance	OS	OR	x		Thru	OS	ORx	Distance (R	x Used: _	
sc	OU	G SRx	OU					OU				ticalhyper
PH: OD_	08	;	Thru				_			Negative Verge	ences	/
BP:	<u> </u>	Pulse:_		BPM				00	— I	Positive Verge		
EOM:		CF:		OD		M:				Vertical Verger	nces OD BL	^{BD}
Pupils:				os	Pu	pils:	ignmen	t		<u>Near (</u> Rx Us	sed:)
Cover Tes	st : D (sc/cc)	N (sc/cc)	I		pila,				Phoria: Lateral	Ver	ticalhyper
Stereo (so	/cc) Giobal	Loca	۱	Metho	d (_) NPC		Negative Verge		
Color Visi	on OD	os	Meth	od ()	PD	v	′D	Positive Verger Vertical Verger		/
Kerato	metry	OD						clear/d	listorted	Acc Amps.OD		
	-	OS						clear/d	istorted	NRA:	and the second diversion of the second diversion of the second diversion of the second diversion of the second	and the second
Retinoscopy OD							2	20/	BCC:			
OS			20/				0/	Near Add:		VA		
Refrac	tion 1	OD			20/							VA
	dry	OS			_				:0/	Trial frame: ,a	ccepted Y	
Refrac		OD							0/			VA
	dry	os		-					0/			VA
CL Rela		HVID		L/K				Dom Eye):	VA
	nents & Obs.	PFD		Lid Ten	1			Vethod		Ranges:		
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THE EYE INSTITUTE AT NSU – PRIMARY CARE SERVICE Comprehensive Examination Only _ Comprehensive Examination + Annual CL Examination

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Revised July 1006

THE EYE INSTITUTE AT NSU – PRI	MARY CARE SERVICE
atient Name:	Date:
ADDITIONAL TESTS / CL TRIALS:	
Seneral Observation:	
	SLIT LAMP EXAM: OD / OS / OU O NaFL
External Ocular Area TBUT TM	External Ocular Area
.ids/Lashes	Lids/Lashes
Cornea	Cornea
Conjunctiva < B	Conjunctiva < B
ris	Iris
vnt. Chamber	Ant. Chamber
ens (V) (V)	Lens
/itreous	Vitreous
ngles: OD: N T OS: N T	Angles: OD: N T OS: N T
app:mmHg ODmmHgOS @(am/pm)	T _{app} :mmHgODmmHgOS @(am/pfit)
Proparacaine 0.5% I NaFL or	D Proparacaine 0.5% D NaFL or
other: Explained SE of DPA's	D other: D Explained SE of DPA's
HLATED FUNDUS EXAM: OD / OS / OU 078D 090D 020D	DILATED FUNDUS EXAM: OD / OS / OU
:/D	C/D
NH	ONH
1acula	Macula
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essels	Vessels
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SSESSMENT:	ASSESSMENT:
LAN:	PLAN:
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·····	
RX: CLRX: Repla	Icement: 0 10 0 1W 0 2W 0 1M 0 Other
	DDW DEW CFWCS:CS:CS:
	red the history and personally repeated key elements of the
	Framed areas are for provider use only.
Udent Optometric Physician Attendion C	O.D.
Attending C	ptometric Physician License#/Faculty Certificate#

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UNIVERISTY OF MONTREAL FORMS

Université de Montréal École d'optométrie Cliniques

PRIMARY CARE CLINIC

DATE : / /

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(day / month / year)

Personal information	Affix label here { if available }		FILE # :				
LASTNAME	FIRST NAME						
ADDRESS	DATE OF BIRTH	(day / month / y /	ear)		AGE		
CITY	OCCUPATION		•				
POSTAL CODE	TELEPHONE # WORK HOME	:(:()	e.	M		

Reason for consulting

You are consulting because							
• It is time for your routine examination	Yes	٥	No	0	I do no	t knov	
• Blurred distance vision	Yes		No	O	I do no	t knov	.0
Blurred near vision (reading) You experience double vision	Yes		No	D	I do no	at know	۷O
• You experience eyestrain							
• One eye turns in or out	Yes		No	0	I do no	ot know	
You have one of the following symptoms: Itchiness Dryness Pressure Redness Burning sensation Glare Tearing You have beadaches / migraines on a regular basis Your eyes fatigue easily	Yes Yes Yes Yes Yes Yes Yes		No No No No No		I do no I do no	ot know ot know ot know ot know ot know ot know	
You have noticed one of the following phenomena : Flashing light	Yes Yes Yes		No No		I do no I do no I do no	ot knov ot knov ot knov	
Do you wear glasses ?	. Yes	O	No		I do no	ot kno	wO
• If yes do you wish to change them?	Yes	Ο	No	Ο	I do n	ot kno	w 🗖
• If no have you ever worn any ?							
Do you wear contact lenses ?							
• If no do you want any ?	Yes		No	Ο	I do n	ot kno	w 🗖
• If no have you ever worn any ?	Ycs	٥	No	0	I do n	ot kno Reve	w

About your eyes

you or a family member suffer from	(or has suffered from)	
	Yourself	Family member
Cataracts	Yes 🗖 No 🗖 I do not know 🗖	Yes No I do not know
 Glaucoma (high eye pressure) 	Yes 🗖 No 🗍 I do not know 🗍	Yes 🖸 No 🗍 I do not know 🗍
• Lazy eye (amblyopia, strabismus)	Yes 🖸 No 🗇 I do not know 🗇	Yes 🖸 No 🗍 I do not know 🗍
 Retinal problems 	Yes 🗍 No 🗍 I do not know 🗍	Yes 🖸 No 🗍 I do not know 🗍
Corneal problems	Yes 🛛 No 🗍 I do not know 🗍	Yes 🛛 No 🗇 I do not know 🗇
• Partial or complete blindness	Yes 🖸 No 🗇 I do not know 🗇	Yes 🗍 No 🗍 I do not know 🗍
• Other		
• Do you use eye drops ?		Yes 🛛 No 🗇 I do not know 🗇
	•••••••••••••••••••••••••••••••••••••••	Yes 🗇 No 🗇 I do not know 🗇
• Have you ever had an eve injury disease of	r operation ?	Yes I No I I do not know .

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About your health

you or a family member suffer from	n (or has suffered from)	
1	Yourself	Family member
• Hypertension (high blood pressure)	Yes 🖸 No 🖸 I do not know 🗍	Yes O No O I do not know C
Diabetes	Yes 🖸 No 🗇 I do not know 🗇	Yes 🖸 No 🗍 I do not know 🗌
• Cardiac problems (heart problems)	Yes 🗇 No 🗇 I do not know 🗇	Yes 🖸 No 🗍 I do not know 🗋
 Kidney problems 	Yes 🖸 No 🗍 I do not know 🗍	Yes 🖸 No 🗇 I do not know 🕻
Pulmonary problems	Yes 🗍 No 🗍 I do not know 🗍	Yes No I do not know
• Liver problems	Yes 🔲 No 🗍 I do not know 🗍	Yes 🗍 No 🗍 I do not know 🕻
• Other	Yes 🖸 No 🗍 I do not know 🗍	Yes 🗇 No 🗇 I do not know L
• Are you currently on any medication pre-	scribed by a doctor	Yes 🛛 No 🗇 I do not know 🕻
or purchased without a presci	Yes 🖸 No 🗇 I do not know 🕻	
• Have you ever taken any medication over	Yes 🖸 No 🗇 I do not know 🕻	
• Do you have any allergies ? (including to		

Your last eye examination

• When was your	last eye examination ?	••••••••			
• Was it done at t	heMontreal School of Op	tometry Clinic ?	:	Yes 🛛 No 🗍	I do not know 🗖
If not were	you examined by				
	an ophthalmologist 🗖	an optometrist 🗖	screening 🗖		

PT 12-07-96

de la vision Université f de Montr	H
Clinique universitaire de la vision	

E.O.	Prisme	Axe	Cylindre	Sphére
	RX 1:	D1	Hauteur	Add
	Date :			
E.O.	Prisme	Ахө	Cylindre	Sphère
	RX 2 :	D1	Heuteur	Add
	Date :			
E O.	Prisme	Ахө	Cylindre	Sphère
	RX 3 :	D1	Hauteur	Add
	Date :		 	

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CLINIQUE GÉNÉRALE

Diagnostic	Plan de traitement / Recommandations	
		ε
		а П
		2

Prescription finale	Addition	Vertex	E.O.	Prisme	D1		
OD							
OS							
Matériau	Teinte	Teinte		Segment			
Nom de l'étudiant (e) :		Nom de l'optomét	riste :				
Signature :		Signature :					

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Acuit	é visuelle		Échelle d'optoty		_	Kératométrie
A.V.	Sans correction		Avec	correction ttes 🔲 LC	Trou sténopélque	OD X @
	VL	VP	VL	VP	٧L	
OD	6/	.401	6/	.40/	6/	OS X@
OS	6/	.407	6/	.40/	6/	Mires : Floues Déformées
ou	6/	.40 /	6/	.40/	6/	

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Tests prélimi	naires	Tests	VL avec RX	VP	avec RX	Mouvements oculaires
Alignement	Objectif	Test écran				Souples Complets ceil fixateur :
oculaire	Subjectif	P. Vertical T. Maddox				
Fusion	Non stéréoscopique	FR Worth				Réflexes pupillaires OD : mm It MG ^(+/-)
sensorielle	Stéréoscopie	Randot Mouche Autre				OS : mm It MG(+/-) Vision des couleurs
PRC/	cm	Amplitude accommodation				OD OS Ishihara D-15 D-15 désaturé

Réfract	ion	Étudiant		Clinicien		
Ð	Statique	OD OS		OD OS .		
Rétinoscopie Objective	indra Mohindra	OD OS		OD OS		
Ř	Sous cycloplégie	OD OS		OD : OS		
	Maximum convexe	OD OS	6/ 6/	OD OS	6/ 6/	
	MAV	OD OS	6/ 6/	OD OS .	6/ 6/	6/
Réfraction Subjective	MAV sous cycloplégie	OD OS	6/ 6/	OD OS	6/ 6/	6/
5.0	Acceptation de convexe	OD OS	Net :	OD 	Net :	
	ARN/ARP	/ @ 40 cm		Lentilles de départ 🗖 MAV		
	Add. finale : +	Zone de vision claire : cm @	cm	□ AV .40/.37 □/		

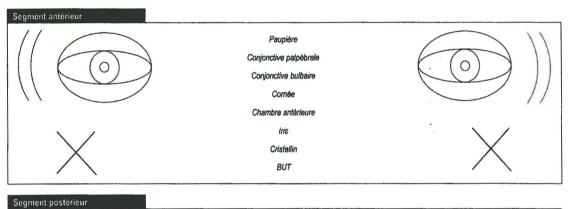
Déviations oculaires	VL Le	ntilles : MAV Correction	VP Lentilles :	MAV Correction
Déviation subjective	H:	V:	H:	V:
Amp. fusionnelle horizontale	BI :	BE :	BI ;	BE:
Amp. fusionnelle verticale	BH OD :	BH _{OS} :	BH OD :	BH _{OS} :

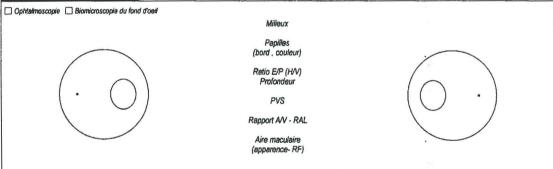
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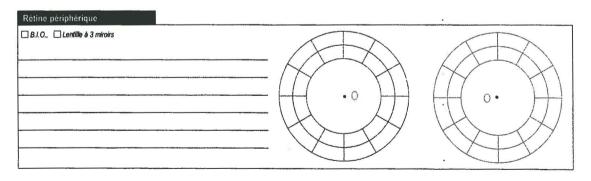
Médi	caments	5		Tonométrie			
Gtt	%	Médicaments actifs	Heure	OD: OS:	(h) 🖸 Goldmann	D Perkins
		Proparacaine			{ "	/ 🗆 Tonopen	
		Tropicamide		OD:OS:	(h) Goldmann	Perkins NCT
		Phénylephrine		Pachymétrie : OD	ajust () OS	ajust. ()
		Cyclopentolate				,	
				Gonioscopie			
Premiê	re dilatatio	n pupillaire 🖸 OUI 🗔	NON	1×1	\times	\times	\times
Patient	avisé du l	lou et de la dilatation 🔲 OUI 🗌	NON	Angle irido-cornéer		́. ` р	igments

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SCCO FORMS

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WELCOME TO THE OPTOMETRIC CENTER OF LOS ANGELES

Please Print			Date:
Patient's Name:		SSN:	Date of Birth:
Last	First	Middle SSN:	· Date of Birth:
Address:		Hm. Tel.: ()	Bus.Tel.: ()
		Zip	
Sex: M F Marital Statu	s:Driver's Lic.	#E-Mail:	
Optional-Race/Nationality: His	panic/Latino African Americ	an Asian C	aucasian Other:
Emergency Contact: Name		Relation	Phone
Were you referred to our cl	inic? Yes No If yes, by	whom:	
Do you have insurance or o	other managed care plans?	Yes No Name of plan:	
Please prov	ide Account Responsible Informatio	n or if a minor Parent/Guardian inf	ormation below
Account Responsible Name:			
account neaponaible Name.	Last	First Middle	Rel. to Patient
Address:		Hm. Tel.: ()	Cell Tel: ()
Number & Street	City	Zip	
Work Address:	and the second second	Bus. Tel.: ()	Extension:
Number & Street	City	Ζφ	
Sex: M F Marital Status:	SSN:	Date of Birth:	Driver's Lic ID #
ursuant to the provisions of Sect	and necessary for this child under the child under the civil Code of Californ	nia	
Reason for your visit:			·
Approximately when was	your last vision examination?	Dr.'s name	
When was your last physi	cal examination by a physician'	?Dr.'s name	N
 Have you ever worn glass 	ses? Yes No When?	Have you worn contact lenses	? Yes No When?
	y of the following eye/vision pro	blems? (Check all that apply	and describe)
Itchy eyes Pain/Soreness	Watery eyes Discharge	Double vision Loss of vision	Cataracts Glaucoma
Red eye	Tired eyes		Macular degeneration
Burning/Stinging	Light Sensitivity	Eye injury	Crossed eye/lazy eye
Dryness/sandy/gritty	Blurred vision	Eye surgery	Other
6. Have you ever had any of	the following conditions?		
Headaches	Respiratory problems	High cholesterol	Thyroid/other gland
Seizures	Tuberculosis	Cancer	Arthritis/ Muscle/joint pain
Allergies/hay fever Sinus	Diabetes Heart problems	Psychiatric condition Uro-genital condition	Skin condition Anemia/bleeding
Dry throat/mouth	High blood pressure	Kidney/Bladder	Other
7. Are you a smoker? Yes I	No Do you use recreational dru	igs? Yes No Do you drink a	Icoholic beverages? Yes No
	e or vision problem (other than	glasses) or other health probl	em not checked above?
Explain			L
Is there anyone in your in	mediate family with any of the	above conditions? Explain	6 <u>, and 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 </u>
0. If you have diabetes, whe	n was it diagnosed? Di	ate of last blood sugar test and	sugar level?
1. Have you ever had a Tub	a second s	No If so, was your test pos	
	itive chest x-ray for TB? Yes ergic reaction to any medication		No No
If so, which ones?	sigle reaction to any medication	101 01 01 00 00 00 00 00 00 00 00 00 00	
	are currently taking and for wha	t reasons:	
Statistical Constraint in the			
	nelits or other Insurance be made to release any medical information neces		
ubmitted on my behalf or for my de	pendents. I understand that I am finan	cially responsible to the Optometric	Center for all charges not covered by
	and/or coinsurance. If I use an insura		
	and that all payments are req	juired to be made at time of	Service.
Date	Patient Signature		

BIENVENIDO AL CENTRO OPTOMETRICO DE LOS ANGELES

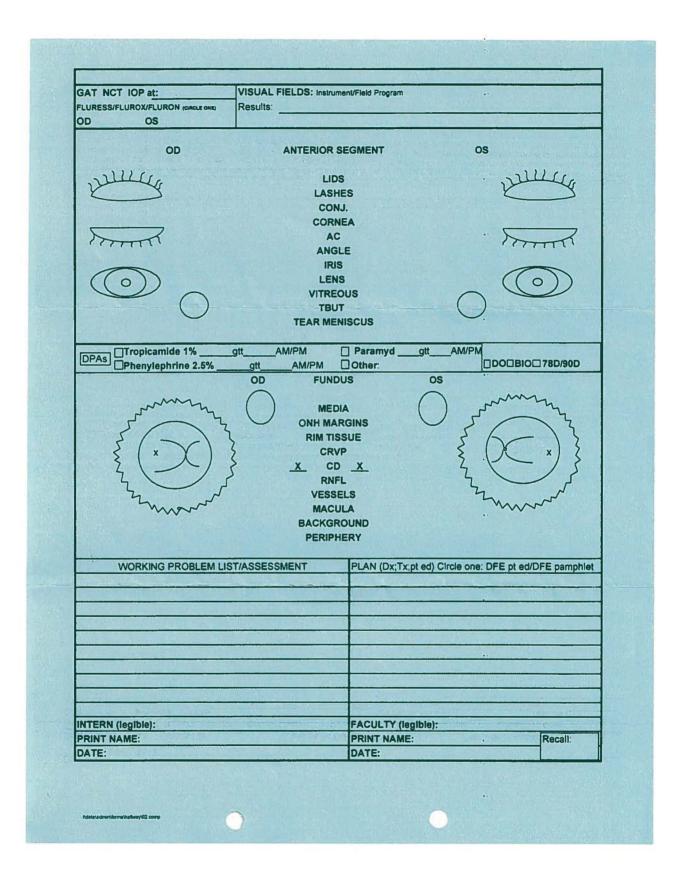
Por Fave	or, use	letras d	e molde.	THE REPORT OF				Fecha:	
Nombre	del Pa	aciente:	Apellido	Primer Nombre		Segundo	Se Nombre	guro Social #:	
Direcció	ón:	le y Nume	b	Ciudad	Codigo Po	Tel. Cas		Tei. Tra	abajo: <u>()</u>
Course				and the second se			1.4.4		
Sexo:			Estado Civil;	Licens	ia de maneja	/ID #	F	echa de Nacim	iento:
Contact	to da	Upcion	al: Haza/Nacional ncia: Nombre	lida: Hispano/Latino_					
			ndado a esta C	linica? Si	No				
2 nene	uste	a Aseg	uranza u otros	planes de salud?	Si	NO NOM	bre del Plan		
	Por fa	wor do d	ar informacion co	he al Responsible a			a dad Informa		
Nombre				bre el Responsable o s	n el paciente d	es menor de l		n al Paciente:	-
			Last	F	irst	Middle			
Direcció	on:				Tei	. Casa :()	Cellula	r:()
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Sexo:	Masc	Fem	Estado Civil:	Seguro	Social #				nto:
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				si el paciente es menos					
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Nombre			and the second se	conforme a las provisi			Relacion		cha
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		e la visi							
2. ¿Aj	proxin	nadam	ente, cuándo fue	é su último examen	de la vista?		Nobre del D	r	
3. ¿Cu	uándo	fué su		físico por un medic				Dr	
4. ¿H	a usa	do ante	ojos? Si N	lo ¿Cuándo?	_¿Ha usade	o lentes de	contacto?	Si No ¿	Cuándo?
5. Ind	ique t	odos lo		oblems de vista o d				10.00	
	Com	ezón de	los ojos	_Lagrimeo/ojos lloros	ios	Vision dobl	e	Cata	ratas
	Doio	en los		Secrecion	11 ve	Perdida de	vision	Glau	coma
	Ojos	rojos	- net -	Ojos cansados	100	Rayos de lu	uce/ Manchas	Deg	eneracion de retina
	Ardo	/picadu	ra en los ojos	Sensibilidad a la luz	_	Trauma en	los ojos	Ojo	perezoso/bizco
	_Sequ	edad/oj	os arenoso	Vision borrosa		_Cirujía de lo	os ojos	Otro	s
6. ¿Ha				entes enfermedade:					
		res de c		oblemas de respiracio				iroides/otras g	
-	_Ataqu			berculosis	Cance				musculos/articulacion
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	Sinus			oblemas dei Corazon		mas uro-gei		nemia/hemor	ragias
	_Boca	/gargan	la secaPre	esion alta	Riñoni	as/ vesicula		Otros	
7. 2.Fu	uma us	sted?	Si No	¿Usa Droga? Si	No	; Toma Be	bidas Alcoho	licas? Si	No
				vista, de los ojos, o de					
9. ¿Ha	ay alg	uien er	su familia que	tenga una o varias	de las cond	iciones arril	ba? Expliqu	e	
									
				e diagnosticado?					Concernent and Concernent
			xamen de Tube		•		a prueba pos		No
				de Tuberculosis?			ratamiento p	ara Tubercul	osis? Si No
12. ¿Ha	a tenio	do una	reacción alérgic	a a cualquier medic	amento o a	nestesia?	Si	No	
: 4	cuale	\$2	-	The second se					
13. Šie	está to	omando	alguna medicir	na, que medicina(as	s) es(son) y	para qué la	a(s) está tom	nando:	
Solicito o	ue los	pagos d	a beneficios por cu	alquier servicio prestado	. autorizados i	or Medicare	u otras asegur	anzas sean hec	hos en mi favor al C
Optometi	rico de	Los An	geles. A lo mas, a	autorizo al Centro Opto	metrico a libe	rar informació	on medica sol	bre mi o mis d	ependientes cuando
necesario	o, para	estable	cer los beneficios y	pagar por los servicios	recibidos. Enti	endo que soy	financieramer	te responsable	al Centro Optometric
				así como cualquier deo					
			directamente a la c	compañía de seguros. E	ntiendo que	todos los j	pagos están	requeridos p	ara ser hechos a
de la co	onsuit	a.							
Fecha				_ Firma					
Nombre	e del f	Padre o	Guardian (si el	paciente es menor					
				GR	ACIAS				

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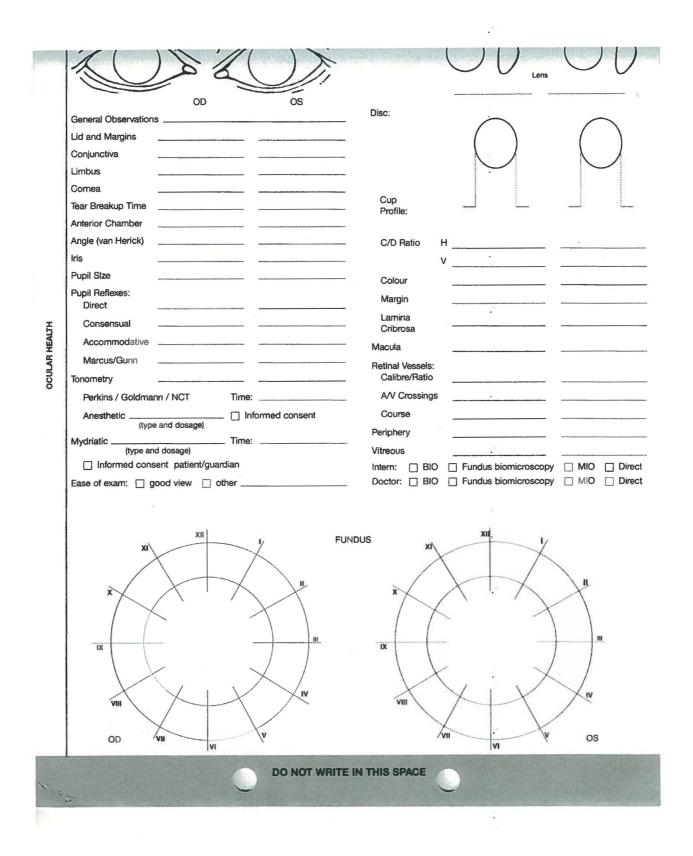
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UNIVERSITY OF WATERLOO FORMS

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				University of Wa School of Optor	netry						
File N	lo		Full C	culo/Visual Asse	ssme	ent Rec	ord	Date			
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	Name	NAME	GIVEN A		Tel.No.	HOME		BUSINESS			
N	5074	NAME.	GIVEN	AMES		HOME		BUSINESS			
AIC	Birth Date	MONTH YE	A	ge M 🔲 F 🗌	Occup	ation					
PATIENT IDENTIFICATION											
ENT	Family Physician		To	lay's exam	Visual I	Demands/Avo	cation				-
9	Last Eye Exam			IP covered? Yes No	Drivers	Licence Rest	. Yes 🗌	No 🗌			
	14										_
	Reason for visit:					Present Rx	D.1	B.C.	/		
						SPH	CYL	AJQS P	RISM A	00	
						0.0.	1				
				Medical Care and LME (reas	on)	0.5					
						05.	· ·	<u>I</u>]	
CASE HISTORY	Blur Diplopia										
HSH I	Flashes/Floaters							Family	History		
L L L L L L	Haloes						•*	DM	,		
S	Asthenopia			Allergies: No 📋 Yes 📋				HPT			
	HA			Smoker: No 🗌 Yes 🗍				Glauco	ma		
	Pain/Itching			When quit:				RD Strab			
	Eye Injury/Infection Eye Surgery			Medications/Supplements				Blindne	225		
	Strab							Other			
	Age of Spectacles										
	Use of spectacles										
	CL										
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	CL Additional Information		0.5					0.8			
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PRELIMINARY TESTING	CL Additional Information Unaided V.A. (Dist.) Alded V.A. (Dist.) Soctative a Amp. of Accom. (Push COVER TEST: Ocular Motility: Saccades	O.D Up) O.D Unilateral (D Alternating (0.S00	O.U (Near) O.S D N.P.C Comitancy Test:	(7	cms. cm: 	O.D. s. PE cms.)	O.S	0.U		
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PRELIMINARY TESTING	CL Additional Information Unaided V.A. (Dist.) Alded V.A. (Dist.) Sectodes Amp. of Accom. (Push COVER TEST: Ocular Motility: Saccades Pursuits	O.D Up) O.D Unilateral (D Alternating (restricted	0.S00	O.U (Near) O.S D N.P.C Comitancy Test: Distance	(7	cms. cm: 	O.D. s. PE cms.)	Fusion Fusion Test Colour Vis O.D. O.S.	0.U		
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BINOCULAR VISION	Neg. Fus. Vergence Pos. Fus. Vergence Gradient Phoria +1.00		_ +V.V. ^{80/} 05 V.V. ^{80/} 06 _ Accom Facility OE	Neg. Fus.	Vergence Vergence Ampl of Ac	Vert +V.V. ^{BU/} OS V.V. ^{BD/} OS OS	
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ADDITIONAL TESTS	Trial Framed Tentative Rx						

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DIFFING	OHIP V404 V402 V409 Code V408VF		Private billing: Full OVA	
	V406 V408 Code V402VF		Partial OVA Other (specify)	
JP APPT.	Follow up appointment booked: Clinic area: PC OH BV (circle) For appointments within a few i		LV ED CL Date/Time	
UP/	Recall: 3 mo. 6 mo. 1 yr. 2 yr. none unchanged (only to PC, by card or telephone call)		for Full/Partial examin	nation 🔲 Entered (staff use
		105		Note: The prescription
	O.D.	ADD	Additional Specifications:	should be completed if the patient wears spectacles could wear spectacles. If
	0.s.			prescription could not be determined or If there is no prescription it should be
Ē	Valid for: 6 mo. 1 yr. 2 yr. other		Doctor's Initial for Prescription	struck through.
	Intern's Name (Printed)	_	Doctor's Name (Printed by Doctor on File Appro	

BERKELY FORMS

Confidential Medical History

				_ Date o	f Birth:	🗌 Male 🛛 Female
Address:					Phone:	
					Social Security #:	
Name of Medical Doctor:					_ Dr.'s Phone #:	•
List any allergies to medie	cines:	_,		·····		, ,,-,
List any medications you	take (i	ncluding	oral cont	raceptive	es, aspirin, over the counter med	
List all major injuries, sur	geries	and/or ho	ospitaliza	tions you	1 have had:	
Are you pregnant or nursi	ng?	🗆 Ye	s 🗆 No	c	· · · · · · · · · · · · · · · · · · ·	• · · · · · · · · · · · · · · · · · · ·
Do you wear glasses?	ΩY	es 🗆 No	If yes, h	ow old a	re your lenses?	
					your current pair?	
••					tandard Soft Lenses 🗆 Rigid	•
If you use disposable lens	es how	often do	you thro	ow them a	away?	
					away? er sleep in your lenses?	
What solutions do you use	e?					
What solutions do you use Personal/Family History	e?		D)o you ev		No
What solutions do you use Personal/Family History Please answer the question	e? / ns belo	w regard	D ling you d	Do you ev or your ir	er sleep in your lenses? 🛛 Yes 🗆	No
What solutions do you use Personal/Family History Please answer the question	e? ns belo You	w regard	D ling you (oo you ev or your ir F amily	er sleep in your lenses? Yes nmediate family (parents, grand	No parents, siblings, children
What solutions do you use Personal/Family History Please answer the question for the following:	e? ns belo You Yes	w regard u No	D ling you o l Yes	o you ev or your ir F amily No?	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision	e? ns belo You Yes	w regard No	D ling you o Yes	o you ev or your ir Family No?	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes	e? ns belo You Yes	w regard No	D ling you o l Yes	o you ev or your ir Family No?	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma	e? ns belo You Yes	w regard No	ling you o Yes	oo you ev or your ir Family No?	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration	e? ns belo You Yes	w regard No	ling you o	oo you ev or your ir Family No?	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration Retinal Detachment	e? ns belo You Yes	w regard No	ling you o I Yes	or you ev or your ir Family No?	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration Retinal Detachment Retinal Disease	e? ns belo You Yes	w regard No	D ling you o Yes	or you ev or your ir Family No? 00000000000000000000000000000000000	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration Retinal Detachment Retinal Disease Cancer	r ns belo You Yes	w regard No	ling you o I Yes	or you ev r your ir Family No? 00000000000000000000000000000000000	er sleep in your lenses? Yes nmediate family (parents, grand How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration Retinal Detachment Retinal Disease Cancer Diabetes	e? ns belo You Yes	w regard No	ling you o Yes	or you ev or your ir Family No? 00000000000000000000000000000000000	er sleep in your lenses? Yes nmediate family (parents, grand) How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration Retinal Detachment Retinal Disease Cancer Diabetes Heart Disease	r sbelo Yon Yes	w regard	Ling you of Yes	or you ev r your ir Family No? 00000000000000000000000000000000000	er sleep in your lenses? Yes nmediate family (parents, grand) How are they related to	No parents, siblings, children o you?
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration Retinal Detachment Retinal Disease Cancer Diabetes Heart Disease High Blood Pressure	e? ns belo You Yes C C C C C C C C C C C C C C C C C C C	w regard No	D ling you (Yes 	or you ev r your ir Family No? 00000000000000000000000000000000000	er sleep in your lenses? Yes nmediate family (parents, grand) How are they related to	No parents, siblings, children
What solutions do you use Personal/Family History Please answer the question for the following: Blindness/Loss of Vision Crossed Eyes Glaucoma Macular Degeneration Retinal Detachment Retinal Disease Cancer Diabetes Heart Disease	e? ns belo You Yes C C C C C C C C C C C C C C C C C C C	w regard No	Ling you of Yes	or you ev r your ir Family No? 00000000000000000000000000000000000	er sleep in your lenses? Yes nmediate family (parents, grand) How are they related to	No parents, siblings, children

Tang Eye Center

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Date:

Social History (If you feel uncomfortable answering these questions here, please feel free to skip this section and discuss these areas directly with your clinician.)

Do you drive?
Yes No If yes, do you have difficulty with vision while driving?
Yes No Do you use tobacco products?
Yes No If yes, type/amount/how long: ______
Do you drink alcohol?
Yes No If yes, type/amount/how long: ______

Review of Systems

Do you currently, or have you ever had any problems in the following areas:

	Yes	No	?		Yes		No	?
Constitutional				Ears/Nose, Mouth, Throat				
Fever/Weight Changes				Allergies/Hay Fever				
Integumentary (Skin)				Sinus Congestion				
Rosacea			0	Dry Throat/Mouth			C	
Neurological				Respiratory		14		
Headaches			D	Asthma	\Box	•		
Migraines				Emphysema				
Seizures				Chronic Bronchitis				
Eyes				Vascular/Cardiovascular				
Blurred Vision				Diabetes				
Distorted Vision/Halos				Vascular Disease		2		
Loss of Side Vision				High Cholesterol		•		
Double Vision				High Blood Pressure	\Box			\Box
Dryness				Gastrointestinal				
Mucous Discharge				Chronic Diarrhea				
Redness				Genitourinary				
Sandy or Gritty Feeling				Kidney/Bladder				
Itching				Bones/Joints/Muscles				
Burning				Rheumatoid Arthritis				
Foreign Body Sensation				Lymphatic/Hematologic				
Glare/Light Sensitivity		\Box		Anemia				
Eye Pain or Soreness				Bleeding Problems				
Styes				Endocrine				
Flashes/Floaters in Vision				Thyroid	[]			
Tired Eyes			[]	Psychiatric				
				Other				

Have you ever had refractive surgery? \Box Yes \Box No If yes, specify type: \Box RK \Box PRK \Box LASIK Are you interested in laser surgery? \Box Yes \Box No

Clinician:	Attending:	Tang Eye Center Date:	
		Tune Life Control	

Eye Examination			Date:	
Name: Clinician: CC:	DOB:	Last Exam:	Last Rx:	
History of Present Illness:			All:	
*			Meds:	
*				
*				
* Medical History & ROS reviewed: □Y □N	Psych: Mood/Affect (anxiety/agitation/depression) 🗋 nl	Neuro: Oriented (person/time/place) $\Box \mathbf{Y}$	□ N
W:	20/	SOR:	20/ CL Hx/Fitting on B	ack
	20/		20/ Additional T	ests
R:	20/	DCT	4.	
	20/	NCT		
M:	20/	NPA/NPC		
	20/	PD		
B:	20/	Pupils		
	20/	EOM	-	
Rx:		VF		
			5	
			0.5% T, 1% T, 2.5% P	
			a, p, nct T	
Adnexa L/L		C/D Rim	□ Ind □ 201	
Bul Conj		Margins	901	
Pal Conj		FR	. 781	
Comea A/C	1	Macula Vessels	D 60I	
Iris		Peripher	🗆 3 N	nno
Lens			·	
Vitreous			÷	
A:				
P:			*	
• •				
Intern:		Attending:		
			Tang Eye Center	

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Social History (If you feel uncomfortable answering these questions here, please feel free to skip this section and discuss these areas directly with your clinician.)

Do you drive? I Yes I No If yes, do you have difficulty with vision while driving? I Yes	es 🗆 Nọ
Do you use tobacco products? Yes No If yes, type/amount/how long:	
Do you drink alcohol? Ves No If yes, type/amount/how long:	

Review of Systems

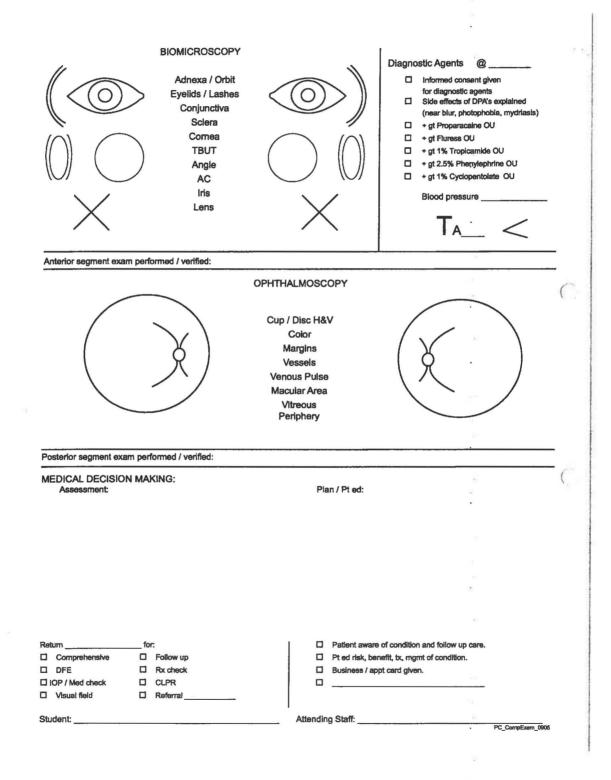
. Do you currently, or have you ever had any problems in the following areas: Yes No ? No ? Yes **Constitutional** Ears/Nose, Mouth, Throat Fever/Weight Changes Π Allergies/Hay Fever 17 11 Integumentary (Skin) Sinus Congestion Dry Throat/Mouth Rosacea Π Neurological Respiratory Headaches D Asthma Migraines \Box Emphysema Seizures **Chronic Bronchitis** Vascular/Cardiovascular Eyes Blurred Vision Diabetes \square \square Distorted Vision/Halos Vascular Disease D Loss of Side Vision High Cholesterol Double Vision Π \square Π High Blood Pressure 0 Gastrointestinal Dryness \square Mucous Discharge 1 Chronic Diarrhea . 0 Redness Genitourinary Sandy or Gritty Feeling Kidnev/Bladder Itching [] \Box Bones/Joints/Muscles Burning Rheumatoid Arthritis • 🗆 Foreign Body Sensation Lymphatic/Hematologic Glare/Light Sensitivity Anemia Eye Pain or Soreness **Bleeding Problems** Endocrine Styes Flashes/Floaters in Vision Thyroid . 🗆 Tired Eyes **Psychiatric** D Other

Have you ever had refractive surgery?
Q Yes
No If yes, specify type:
RK
PRK
LASIK Are you interested in laser surgery?
Yes
No

Clinician:	Attending:	1	Date:	
		Tang Eye Center		

ICO FORMS

WHEN I									
de l	ILLINOIS H								, ·····
¢.	INSTITUTI	2				Suit	te		
	3241 S. Michigan Aver Chicago, Illinois 6061								_ Age _
	(312) 225-6200	Address					3	R	ace/Gen
						Pho	ne <u>.</u>		
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Patient His	story:		Lensometry:	SPH	CYL		PRISM	ADL	SEG
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			OS						
				D patient					
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				Ocular	med:	dose	ey	/8	last
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	20 ft 16 in 	20		Keratom Auto/Mai Retinoso OD OS	etry n OE OS copy)	15	@	
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Cov	20 ft VPH	20 V op os ou C.F. os Near	16 in	Keratom Auto/Mai Retinoso OD OS Manifest OD OS	etry n OE OS xopy) 3	2	@	D
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Cov Pup	20 ft VPH Ver test Dist	20 V op os ou C.F. os Near	16 in	Keratom Auto/Mai OD OS Manifest OD OS Binocula	etry n OE OS xopy) 	2	@	D
	20 ft VPH Ver test Dist	20 V OD OS OU C.F. OS Near PD	16 in	Keratom Auto/Mai Retinoso OD OS Manifest OD OS Binocula OD	etry n OE OS xopy) 	2	@	D
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Cov Pup EOI Cok	20 ft 20 ft Ver test Dist ver test Dist Ms or OD O ACCOM / BING ar addVA	20 V OD OS OU C.F. OS Near PD Stereo Stereo OCULAR STATUS Thru	16 in	Keratom Auto/Mai Retinoso OD OS Manifest OD OS Binocula OD	etry n OE xxpy	DITIONA		 V V	D
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Cov Pup EOI Cok Nea Nea Nea Nea	20 ft 20 ft VPH 20 ft Ver test Dist Ver test	20 OD OS OU OU C.F. OS Near PD PD Stereo Stereo CULAR STATUS Thru Range Vert Metho /BO/	n 16 in	Keratom Auto/Mai Retinosc OD OS OS Binocula OD OS OS OS	etry n OE xopy nr AD	DITIONA	LTEST		Q



Medical History Interview

1

To comply with medical record requirements, please complete the following information.

Nапе	Today's date
Address	Date of Birth
	Occupation
Phone	Hobbies
Name of Primary Medical Doctor	
Last Medical Exam	Last Eye Exam
What is your reason for today's eye exam? Please ma	rk all that apply.
blur at distanceglaucoma blur at nearlazy eye double visionred eyes computer strainflashes/spots headachetears/discharge	eye pain/discomfort itching broken glasses contact lenses other
Have you had an eye injury?noyes If yes, expla Have you had eye surgery?noyes If yes, expla How old are your current glasses? How old are your current contact lenses? What type of contacts do you wear?hardse Medical History Do you have, or have you ever been treated for:	ain:
diabetes (high sugar) arthritis/joint production of the problems heart disease kidney/urinary heart disease STD stroke cancer stomach problems HIV thyroid/glands headache Do you take any medications? yes If yes, list:	depression/anxiety sinus/allergy skin condition hearing loss other
Do you have any allergies?noyes If yes, expl Are you now pregnant?noyes Do you smoke?noyes How much? Do you drink alcohol?noyes How much? Do you have a history of recreational drug use?no	5.e
Please mark the people in your family who have the following diabeteshigh blood prarthritissickle cell dis	ressureheart disease

r.

This side is to be completed for school-aged children only.

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Patient Birth and Development History

To the Parent (or Guardian): Information about your child's general health and development is essential in our care of your child. Please complete the questions that follow:

School name:		(Grade level:		
School name:	R	lelations	hip to child:		
Does the child have a hearing proble	em?	Ves	no		
Does the child have a speech proble		yes	no		
s there a problem with attention or c	liscipline?	yes	no		
las the child ever received the follow	wina services	2		· .	
	Yes No	•	lf yes, please e	explain	
Speech therapy				•	
Occupational therapy					
Physical therapy					
Developmental therapy					
Education: Please check any of the School suggests testing	to rule out vis	sion prol			
Errors in copying from b	lackboard to	paper			
Avoids near work (readi		fails to	complete work in	n allotted time	Э
Poor reading comprehe					
Reads below grade leve					
Tilts or turns head exces			asks		
School performance not		al		¥1	
Poor handwriting/printin	g				
Poor spelling ability					
Reverses letters when r	eading or writ	ting			
Vhen reading, does the child:					
Confuse similar words					
Use finger or marker to	keep place				
Often lose place, skip, c	or reread word	is or lette	ers		
Complain of blurred visi	оп				
Complain of headaches					
Complain of print "runni		r "movir	around"		
Says eyes hurt, burn, or			0	1.5	
las the child had special education	testing or rec	eived tut	oring services?	Ves	no
las the child had an IEP (individual				yes	no
Rest school subject	We	net scho	ol subject:		
Best school subject: lave there been consultations with (doctors or she	rialiete	(i e neumloniste	nevehologi	ote) w
eference to schoolwork?yes		-	(1.6. 1100101091363	, payonologic	3(3) W
If yes, please discuss lave any other family members had					

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...)

	ILLINOIS EYE INSTITUTE	Prin	nary Eyecare				
	3241 South Michigan Ave Chicago, Illinois 60616 (312) 225-6200	mue					
Name				_DOB / /	_ Age	Gen	der_
Address _			•	Zip Pl	hone		
Present	Dx:	Reasor	a for visit:	Last visit	t: .		
Chief Co	mplaint:						
	**				- T		
	ž (*	56	New Est		9		
DOLL		Bi	tief (1-3) 1.2 2.3 tt (4+) 3,4,5 4,5		×		1.
POHx:			Location Quality	Ocular meds:	dose	eye	las
PMHX:			Severity Duration Time				<u> </u>
PINITIA.			_ Context _ Mod Pactors _ Assoc. S/S				
$V_{A} < \frac{1}{2}$		EOMs:		CF:			ブ。
					4		
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CL FIT		c	CONJ SCLERA CORNEA ANGLE AC	<		>	CLI
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		c	CONJ SCLERA SORNEA ANGLE AC IRIS	DPAs:		Flure	
ΓΑ		C	CONJ SCLERA SORNEA ANGLE AC IRIS	DPAs: Time:	Tre	paracaín opic. 1.0	
ΓΑ	BP/Pu gment exam performed / ve	C	CONJ SCLERA SORNEA ANGLE AC IRIS	Time: Informed	Tre	paracain opic, 1.0 enyl 2.5 obtaine	sss ne % d

Fundus:	DISC		\int		
8	VESSELS VITREOU PERIPHER	s	(9		
\bigcirc	ONH:		\bigcirc	-	
Physical Exam: Problem focused(1-5) _	Expanded(6-9)	Posterior segmer Detailed(10-	at exam performed / 12) Compreh	verified ensive(14)	C
Other tests:					
Assessment		Plan:			
				:	
		2		•	1
					(
Medical Decision Making (# of diagnos	es): Straightforward (1)	Low (2)	Moderate(3)	High (4)	
Education:					
🗆 R/B, Tx plan discussed	Contact lens wear an		Next Appointment:	•	
□ Importance of follow up	Contact lenses disper		Date:		
Glaucoma is blinding ds.	OD		Time:		
□ Instruct, SE of eye meds	OS	<u>. </u>	ER/Business card	given	
				-	
Student	Att	tending Staff			

ICO FORMS

Atwater Eye Care	Center
Indiana University School	l of Optometry
800 East Atwater Avenue,	Bloomington, IN 47405
Phone (812) 855-8436	Fax (812) 855-1683

Patient Medical History Record

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In an effort to better serve you, we ask that you complete this survey as accurately as possible. Please answer all questions. Thank you. Today's Date: _____ / ____

Name:	Date of Birth: /
Occupation:	Medical Doctor:
	Iodine: Yes No Seasonal allergies: Yes No I Other (please list):

Medications: Please list below (or provide a list of) all medications, including eye drops & non-prescription drugs.

						Guardian Signature:				3		
Date	Intern's Initials		Doctor's Initials	Detio	at iC	andian 1	Sanahsee					
Do you drin	k alcohol?		6 🗆 N	S, how much? o If YES, how much? _ recreational (including					 			
Surgeries:	List any pre-	vious s	urgeries	, including eye surgeries	and la	ser proce	dures:					
Macular Dep Blindness	peneration			Bleeding Problems			HIV/AIDS			Liver disease		
Retinal Deg				Anemia			Tuberculosi	s		Cancer		
Retinal Deta		ŏ	ŏ	Heart arrhythmia	ŏ		Sinus Proble	ems		Thyroid Disease		ŏ
Glaucoma Crossed/La	ry Fve			Heart Disease Stroke			Asthma Chronic Bro	nchitis		Seizures/Epilepsy Arthritis		
Have you Cataract	or immedia		nily me Family	mber (parent, grandp High Blood Pressure		sibling Family) ever had an Diabetes	y of the	wing c Family	oriditions? Migraines	Self	Family
Eye injury:	р	reviou	siy 🗆	currently?		exp	ain:		 			
Psychiatric I Chronic feve	Problems (de er, unexpecte oat Problem roblems (dia	epressi ed weig s (hea ibetes,	on, anxi ght loss/ ring loss thyroid	ety) gain, fatigue , sinus problems, sore thr problems)								
Musculoske	letal Problem	ns (mu	scle ach	ess, rosacea) es, joint pain, swollen joir mess, headaches, paralys						•		
Urinary Prot	olems (pain o	or disc	omfort, b	ubdominal pain, diarrhea) lood in urine)						51		
Heart Proble Respiratory				eart beat) ath, wheezing, cough)								
	a statistical l	HONG C	iny or u	e following problems?			Yes	No	IT TES	, please explain:		

loday's D	ate				Indiana U	iye Care C niversity Optometr		
	ormation	Gender Ma Fa						
Patient I				_				
	La:	st		First			Middle	
Patient /	Address Stree	et	<u> </u>	City	<u></u>		ate	Zip
Patient I		···	Pati					
Patient (Cell Phone _		Pat	ient e-mail				
Patient (Date of Birth		Stu	dent ID # (if applies)				
					-			
erson Re	sponsible f	or Payment	and/or	Permanent Ad	dress 🗆			
Name	Lest		Eir	si		-	Middle	
Address			r .	51			WICIDIE	
	reet			City		State		Zip
Home Pl	none		Work	Phone	·			
				ay we bill to your		11 July 19	yes 🗆 n	
Yes a	No 🗆	lowing questions: I authorize I.U. School of O pertinent information conce books, or seminars in the Ir that I will not be mentioned	ptometry Faculi ming any care a nterest of medic	y or investigators to pub as may be needed for p al education, knowledge	lish any photog rofessional med e, and research.	raphs or ical journals, I understand	yes ti in	
Yes 🛛	No 🗆	If I quality for an upcoming consider participating.	research invest	gation, please inform m	e so that I may	•		
Yes 🛛	No a	I authorize Atwater Eye Care Center to provide treatment and to file for my insurance benefits. I understand that I am responsible for any portion that they do not pay.						
complia	nce with Cl	LAS Standards we are	required to	ask the followin	a auestions	:		
	What is	your preferred languag	e of commu	nication?	4			
	What is	your ethnic origin and	or racial grou	up??qu	9 4 9 6	•		1
	permission	to the School of Opto following person(s)				nedical		
Name				Phone		•	-	
Name				Phone				
		confirms that I have bee					e 11	11 A (A)

36		Appropriate and Oriented x3 Additional comments:	Stb:: Occupation/Hobbies/CRT Use	FOHx Glaucoma Macular Degeneration Retinal Detachment Other Eye Disease	Fito:	Medications: (including OTC) Raviewed intria form Change in medication	KD4A/ KEA: Reviewed intake form Change in ellergies	PAtto: Last Physical By Whon Disbetes Reviewed intaks form Change in madical condition	POHo: Last Exam	Secondary Complaint: + / - Diplopia + / - Heaches + / - Flashes + / - Flashes + / - Flashes		- F	Atwater Eye Care Center Indiana University School of Optometry 800 E. Atwater Ave. • Bloomington, IN 47405 • (812)855-8436
$A_{-} \frac{\partial A_{+}}{\partial x} = - A_{-}$	s * *; 5	•	<i>s</i> .	e in t	2		- ² ·	m 💭 See other side	Lest DiletionContact Lens Weer	in to the	1 ¹⁰ 1	008 Race	File Number Office Use Only TIME AM / PM

	CONTACT LENS PR	OGRESS EXAM		
Name		Date//	for Visit Fol	ipense OD OS OU low up
Subjective	Lens Type OD OS Base Curve OD OS OS	Diameter OD	V EW QFR MFR Monovision Near E re System	Max1 2WD 1WD 1D ye OD OS ADD
Retinoscopy ODOS	20/ 0U 20/		NLE Movement NLE Lag NLE Sag	
Representation		C S I T N O 1 2 3 4 S On K ATR LA IP Mb	red RGP Fit	0 1 2 3 4 S On K ATR WTR
Assessment Intern Yes No Acceptable F	ik? Yes No	Yms No	Consultant Acceptable Fit?	Yes No
Plant Intern		Agree with Inte	Consultant	
	C Rep Patient Ed C Lie	Nace lenses [I/R Lens Care] d Hygiene [
RTC Intern		Agree with Int		RTC

CONTACT LENS PROGRESS EXAMINATION

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Additional Internal Notes

Atwater Eye Care Center Indiana University School of Optometry 800 E. Atwater Ave. • Bloomington, IN 47405 • (812)855-8436

C/C					Patient	t PD		R.PD	
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Prelimina:	y Evaluation	lotility	🖬 Re	striction(s)	Accommoda				
Cover Test D	Distance	Nei	87		Stereopsis		· · · ·		
Fields <u>WNL</u>		Туре_			Color Vision O				
Amsler <u>WN</u>	DOD OS		×4 - 00			PRA		BCC	
Pupils OD		Dark mm OS		/mm	l Tentative Add	Preferred read			cm.
DE	RRLA/	+	/ - APD O		Range C	OD			
	(Dir/C	ions)	Grade	-	C	05			
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External: Iria Lida Con Refraction Keratometry Retinoscopy Monocular Subjective BVA Balance Re	(Dir/C a Color	//	@@@@@	DD / OS 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/	Phoria P Vergence E Phoria V Vergence S Gradient (+ / Maddox Rod_ Associated Ph Accom Facility Dynamic Retin Other Testing	Dista Horiz	R / L hyper R / L - R / L - R / L - N	Horiz BI BO Sup Inf fethod lethod	Near _//
External: Iria Lida Con Refraction Keratometry Retinoscopy Monocular Subjective BVA Balance Re OD	(Dir/C a Color	//	@@@@@	DD / OS 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/	Phoria P Vergence 2 Phoria V Vergence 3 Gradient († 7 Maddox Red _ Associated Ph Accom Facility Dynamic Retin Other Testing	Dista Horiz	R / L hyper 	Horiz BI BO Vert Sup Inf rethod lethod	Near _//
External: Iria Lida Con Refraction Keratometry Retinoscopy Monocular Subjective BVA Balance Re OD OS	(Dir/C a Color	//	@ @	20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/	Phoria P Vergence 2 Phoria V Vergence 5 Gradient (+ / Maddox Rod _ Associated Ph Accom Facility Dynamic Retin Other Testing Final R, OD OS	Dista Horiz	R / L hyper R / L - R / L - R / L - N N N	Horiz BI BO Sup Inf fethod lethod	Near _//

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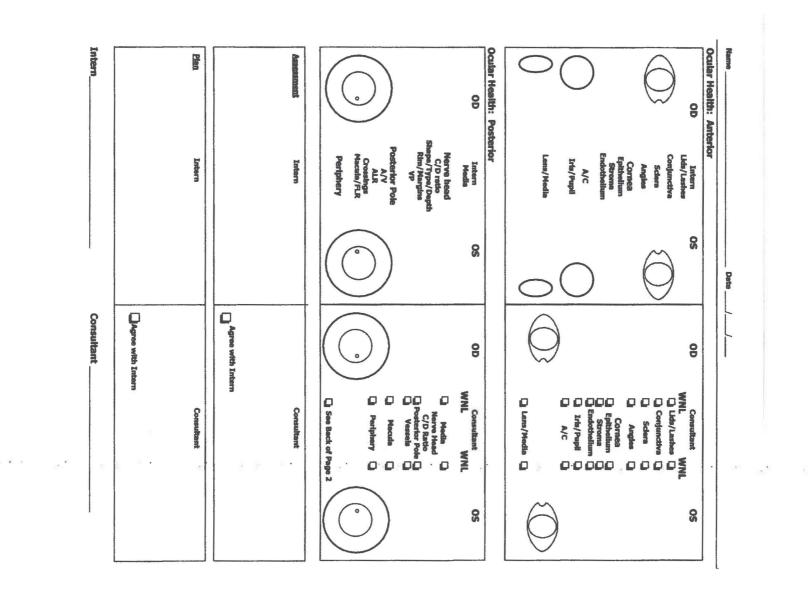
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Dilate ? Y N Pharm Agents: Tropicamide 0.5 % 1.0 % Phenylephrine 2.5 % Cylcopentolate 1.0 % 2.0 % Rev-Eyes



MCO FORMS

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University Eye Center

FERRIS STATE UNIVERSITY - MICHIGAN COLLEGE OF OPTOMETRY

Name	Social Security Number	Today's Date
Address, City, State, ZIP	Home Telephone	Birth Date
	Work Telephone	

Thank you for taking your time to carefully complete the patient health information form. This information will be reviewed by the doctor during your examination. All information provided will be held in strict confidence.

PERSONAL EYE HISTORY

Have you had your pupils dilated? Y N If yes, were there any problems?

Y N If yes, how old are your glasses? Do you wear glasses?

Does your occupation or any hobbies/recreational activities require the use of safety eyewear? N Y Date of last complete eye exam Name of eye doctor

Y Have you ever worn contact lenses? Do you now wear contact lenses? Y N N What type of contact lenses? Hard/RGP Soft Extended Bifocal

Are you planning to get new glasses or contact lenses today? Y N Maybe

Are you interested in learning about laser vision correction or non-surgical vision correction? Y N Maybe

Please note any fan	nlly men	bers w	ith the followi	ng conditions.		
EYE CONDITIONS	YES	NO UNSURE		RELATIONSHIP		
Blindness						
Glaucoma						
Macular Degeneration						
Other						

P	Name of Vision Insurance

Y N

PERSONAL MEDICAL HISTORY

List medications you are currently taking (prescription and over-the-counter).

Do you have any allergies to medications? Y N If yes, please explain.

List major illnesses, injuries, and surgeries you have had.

- Date of your last physical exam
- Name and office location of your medical doctor(s)

FAMILY MEDICAL HISTORY Please note any family members with the following conditions.

MEDICAL CONDITIONS	YES	NO	UNSURE	RELATIONSHIP	Name of Medical Incurrences
Arthritis					Name of Medical Insurance*
Cancer					
Diabetes					*Medical Insurance will only cover your
Heart Disease					visit if there is a medical reason such as
High Blood Pressure					loss of vision, headaches, eye redness, eye pain, eye itching, eye buming,
+ Other					glaucoma, cataracts, etc.

SOCIAL HISTORY

What is your occupation? . N

Do you use a computer at work or at home? Y List your hobbies/recreational activities.

Do you drive? Y N

If yes, do you have visual difficulty when driving? Y N Do you use tobacco products? Y N Do you drink alcohol? Y N If yes, what type/amount/how long?_

If yes, how often?_

Do you use illegal drugs? Y N

- Have you ever been exposed or infected with the following: HIV? Y N TB? Y

N

Are you pregnant / nursing?