

# Innovative EHR Technologies: Driving Efficiency and Excellence in Healthcare

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# Thank You to Our Sponsor!



## Game Plan

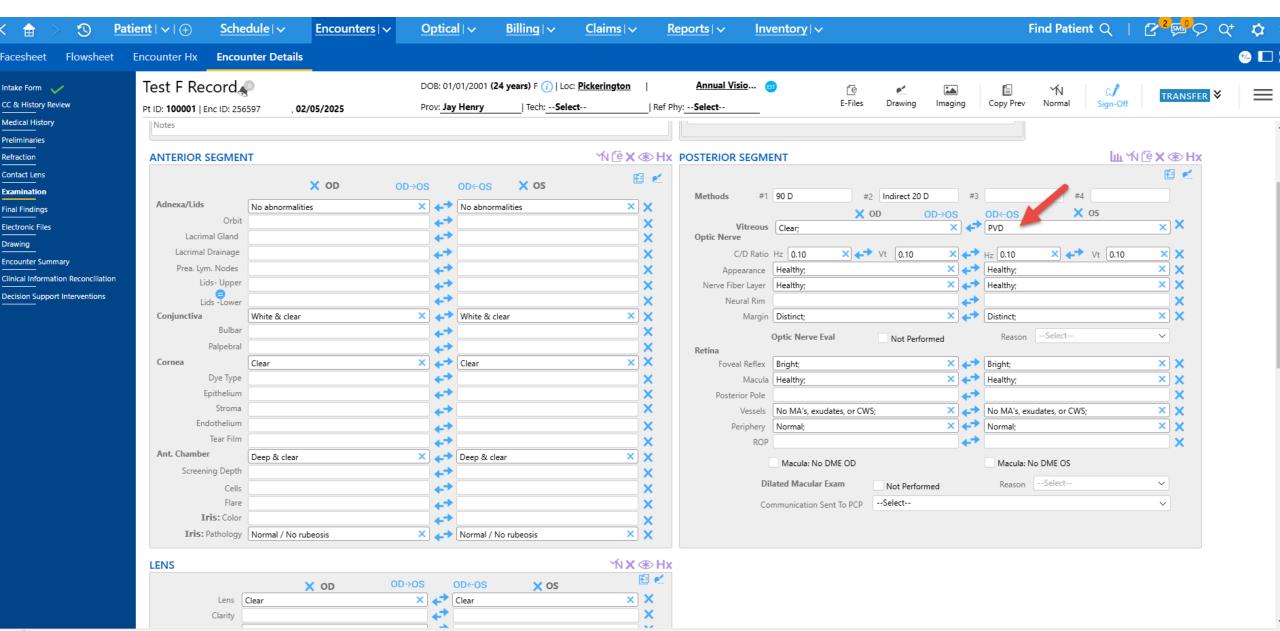
- Open discussion of how advanced EHR and Artificial Intelligence (AI) technologies are transforming optometry
  - Ability to analyze patient data in real time
  - Reducing wait times / convenience for patients
  - Improving patient outcomes
  - Empowering staff to make quicker and more accurate decisions
- Adding efficiencies which improve patient care, patient experiences and profitability

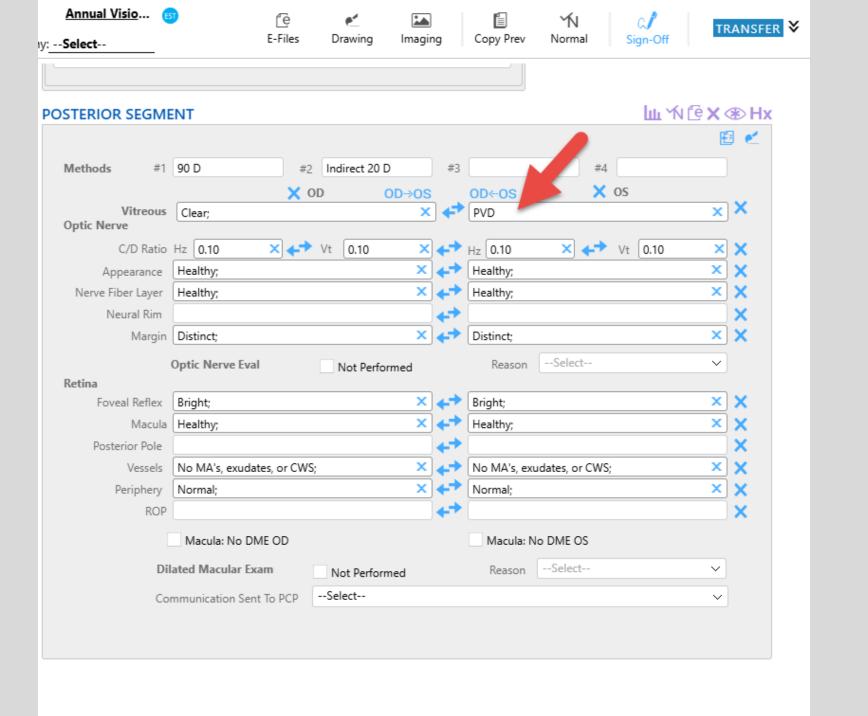
# Automated Coding

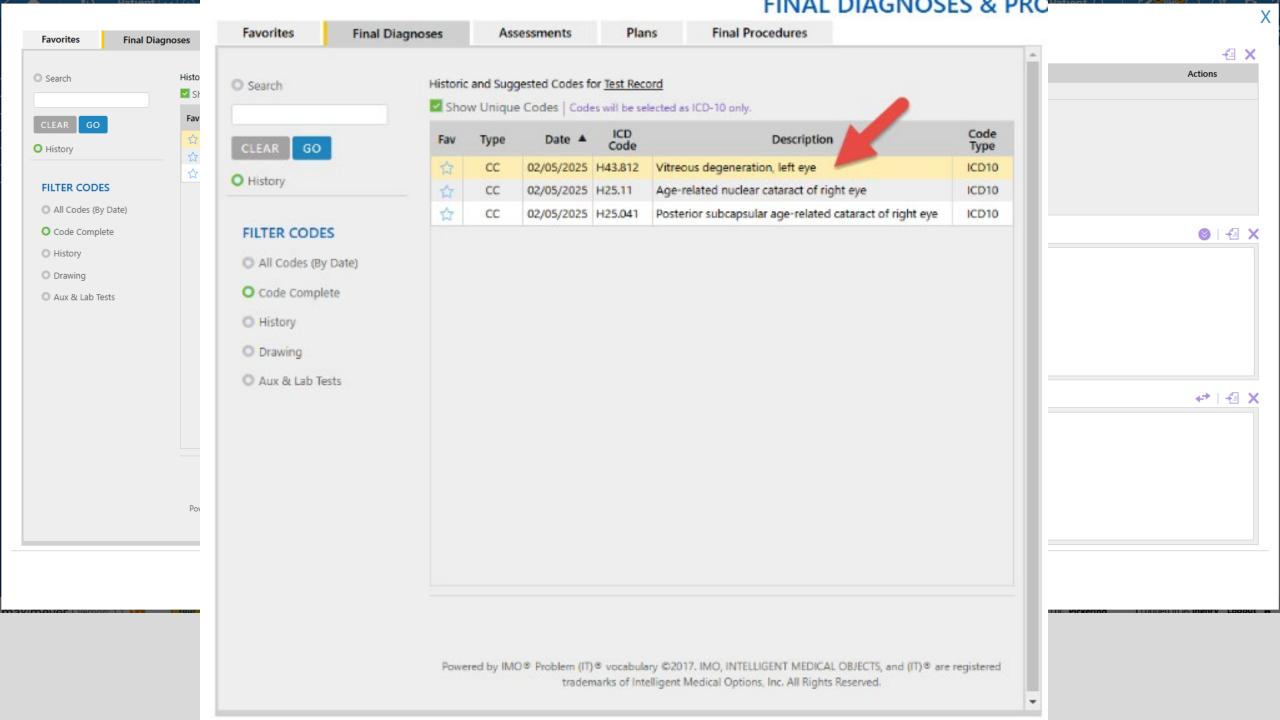
# **Automated Coding**

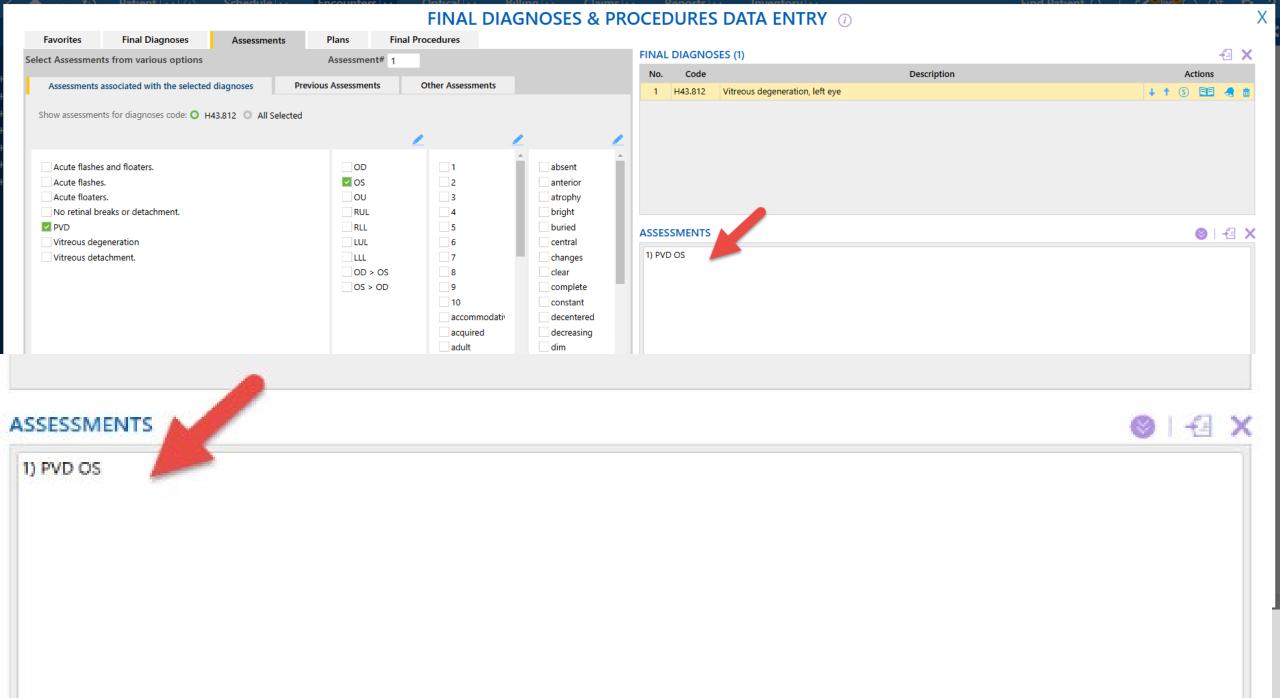
- Completely customizable
  - Trigger ICD-10 code suggestions by key words used in the encounter
- Saves significant time at the end of an encounter
  - A few clicks vs typing everything out
- Link custom assessments and plans
  - -Customizable by provider
- Link patient education documents

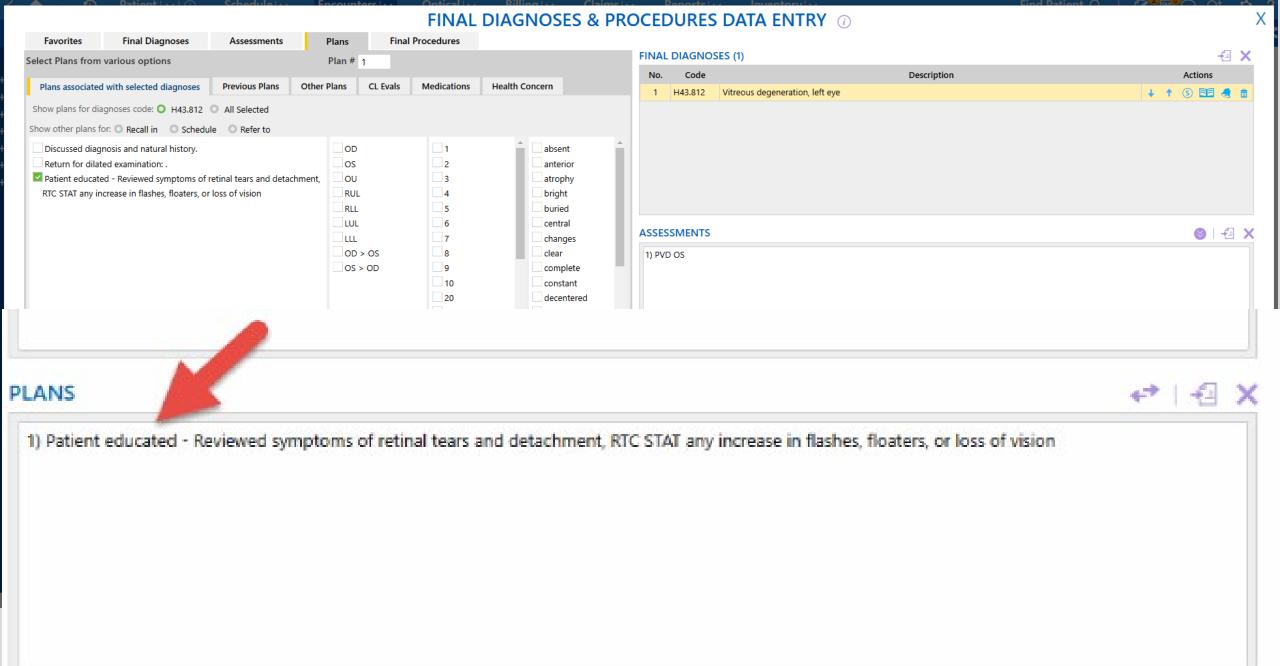
## **Automated Coding Example**

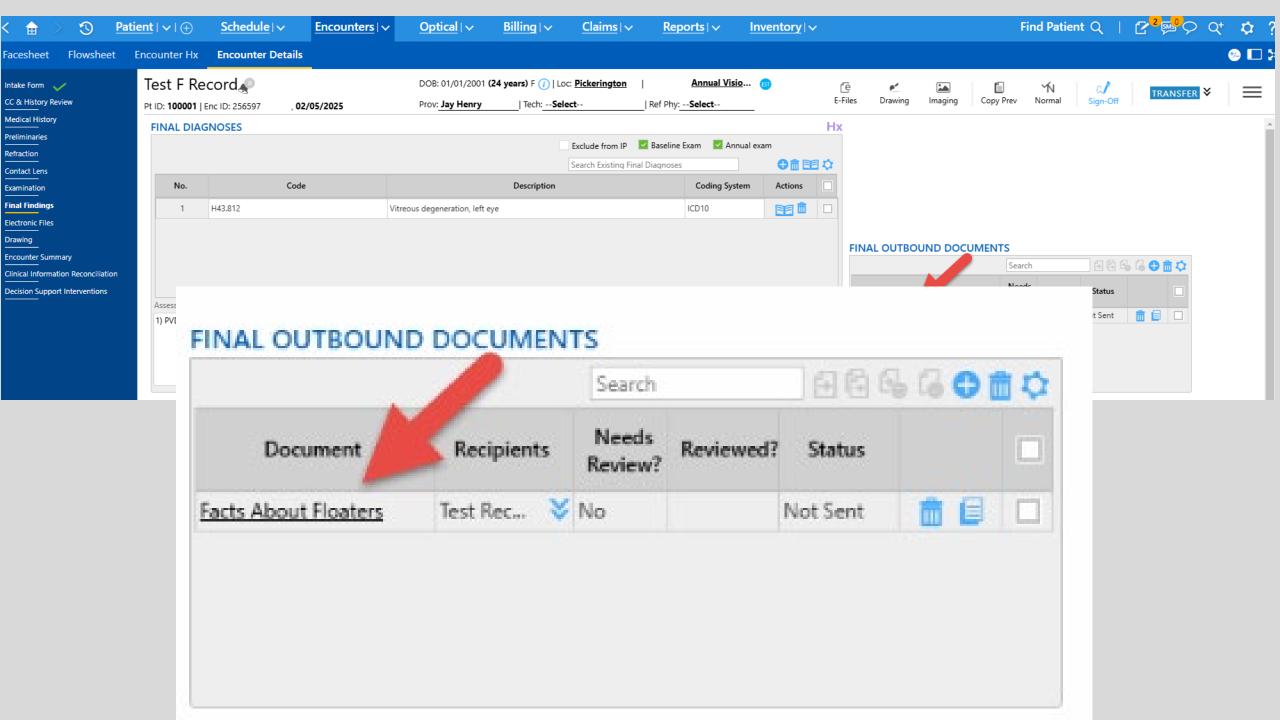




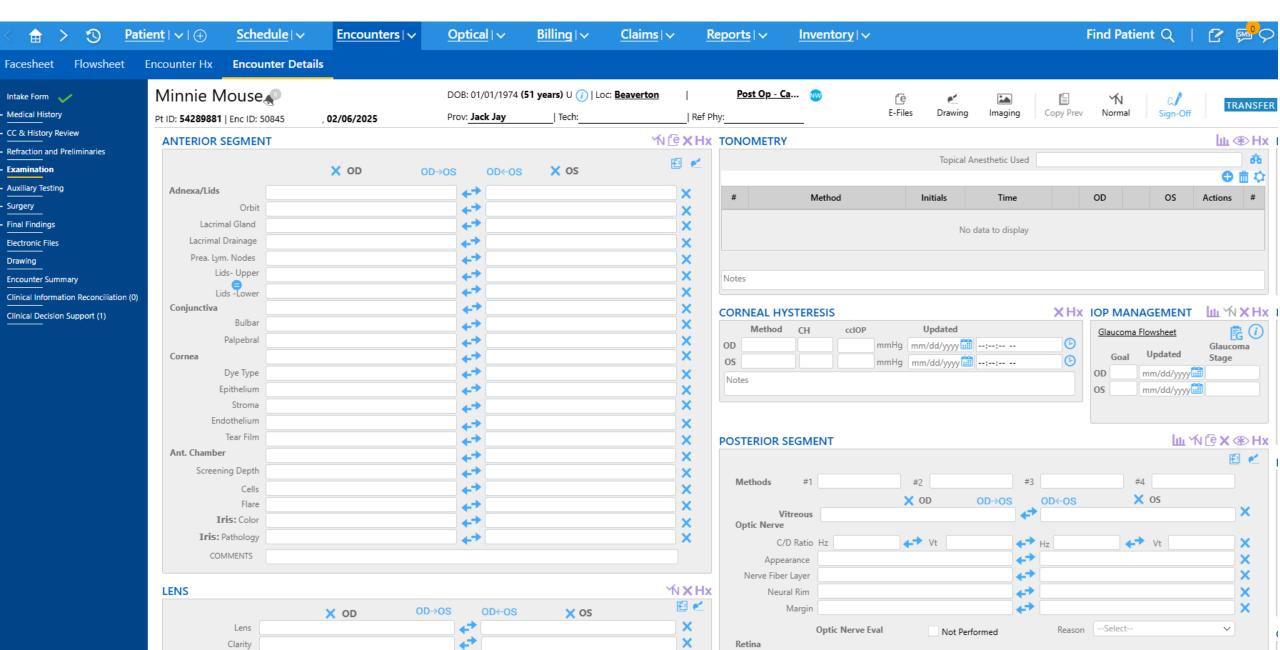


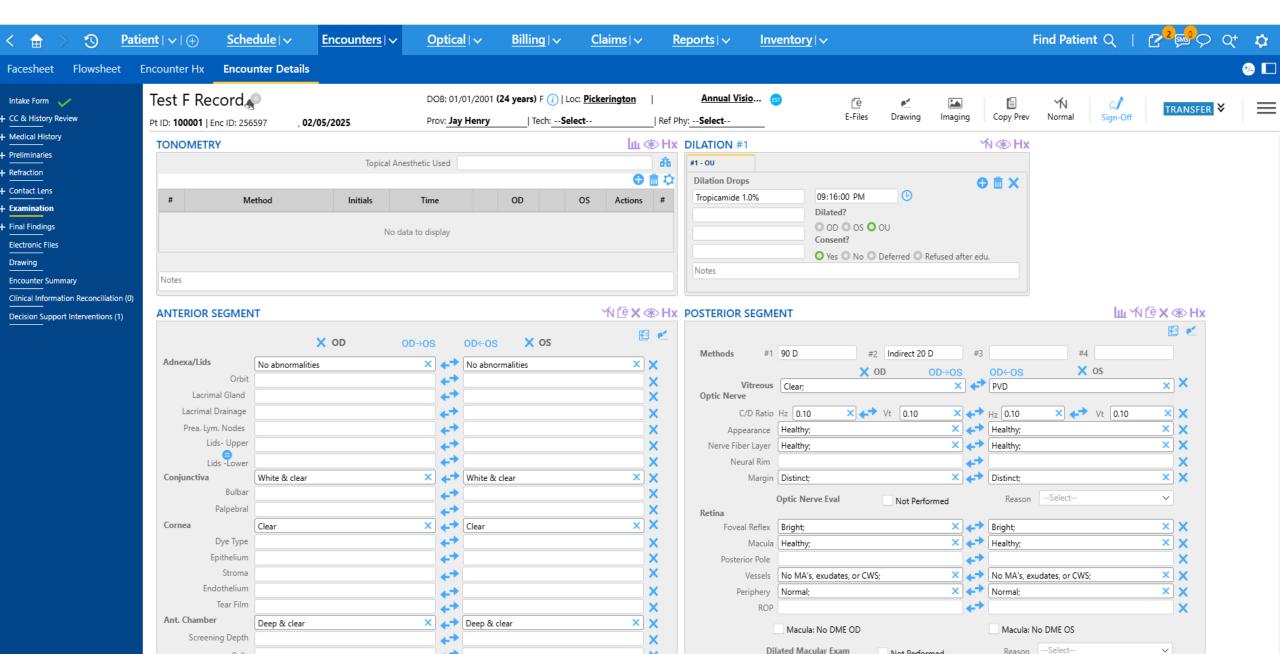


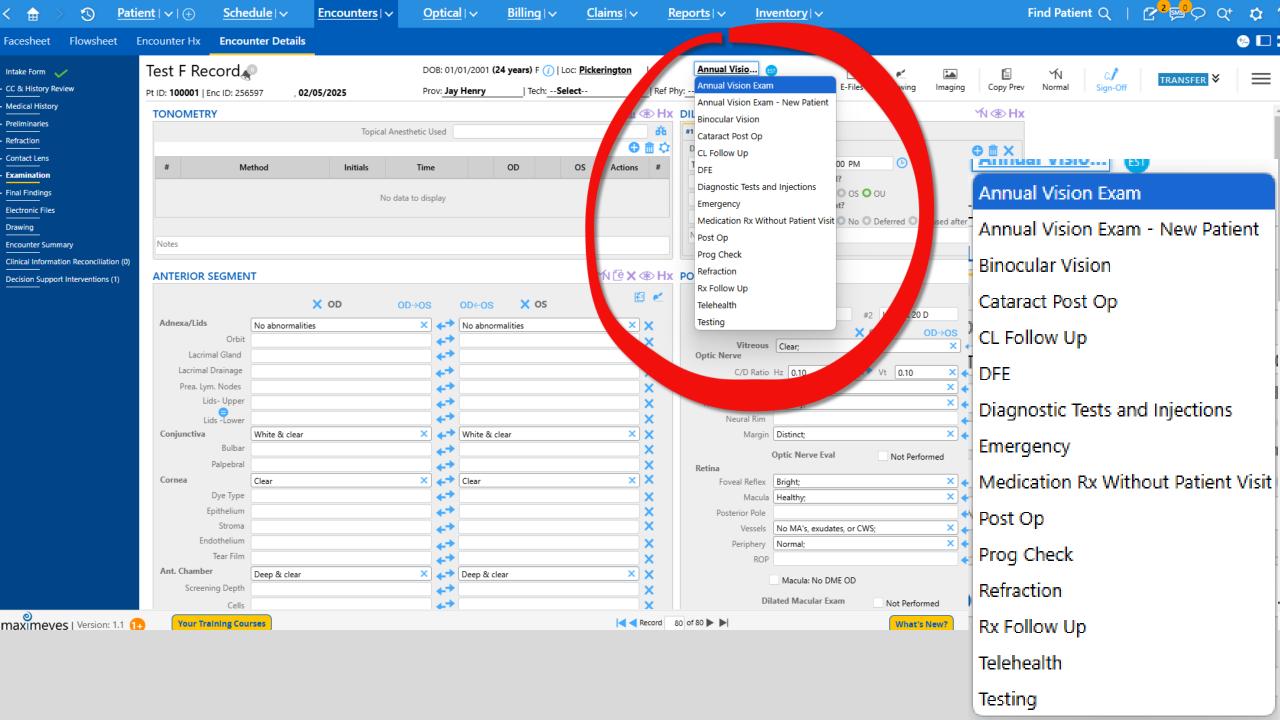




- Endless options for encounter forms and types
- Can customize per provider to optimize efficiency
- Arrange elements to help with tech and doctor workflow
- Can customize on the fly
- Set custom normal values
- Set data to copy forward (such as past meds, surgeries, etc.)
- Can edit exam elements







## Time Savings

- Code Complete and customized workflows together significantly decrease the amount of time spent charting
  - Less clicks per patient encounter
  - Easier workflow when you have the encounter forms designed for your preferences
  - Easier to see more patients in a day

## Time Savings ROI

- Time saved with code complete and customized workflows
  - Allows on average 3-4 more patients per day per provider in our practice
    - 3 docs = 9+ more patients per day
    - 45-60 patients per week assuming 5-day week
    - 180-240 patients per month
    - 2250–3000 more patients per year (50 weeks)
- Doctor time saved charting at the end of the day (for me was at least an hour = priceless)

# Potential Increased Patients Seen Due to Automated Coding and Custom Exam Workflows



- Enhanced patient experience:
  - -Streamlined processes
    - Reduced patient wait times
      - -Leads to increased sales
    - Reduced administrative tasks

- Enhanced patient experience:
  - -Data Driven Decision making
    - What frames are hot sellers
    - What frames have been on the board too long
      - -Can't rely on frame reps to manage this properly
    - Allows proper product mix and helps minimize over/under stocking

- Enhanced patient experience:
  - -Enhanced practice efficiencies
    - Allows increase in patients seen
    - Creates additional time to educate patients and provide quality care
      - Improves the patient experience

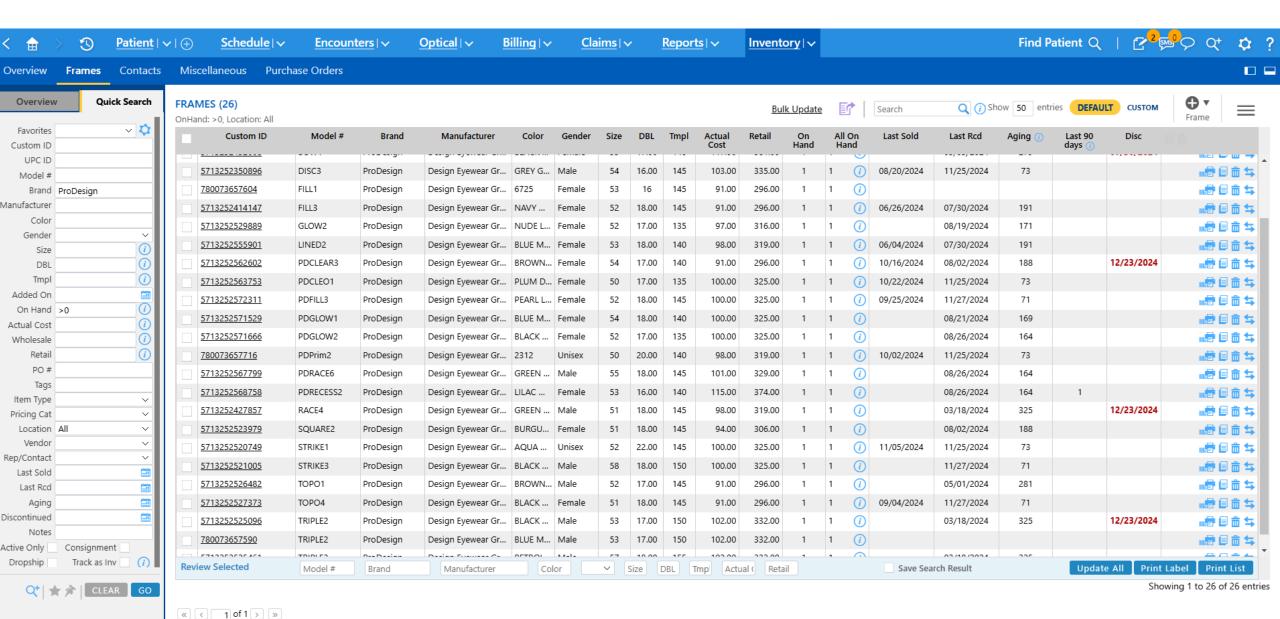
#### Frames:

- Quick and easy system to label and inventory frames
- Ability to scan barcodes on frames
  - Reduces data entry errors
- Easy reconciliation of on board inventory
- Reports to manage all aspects of inventory

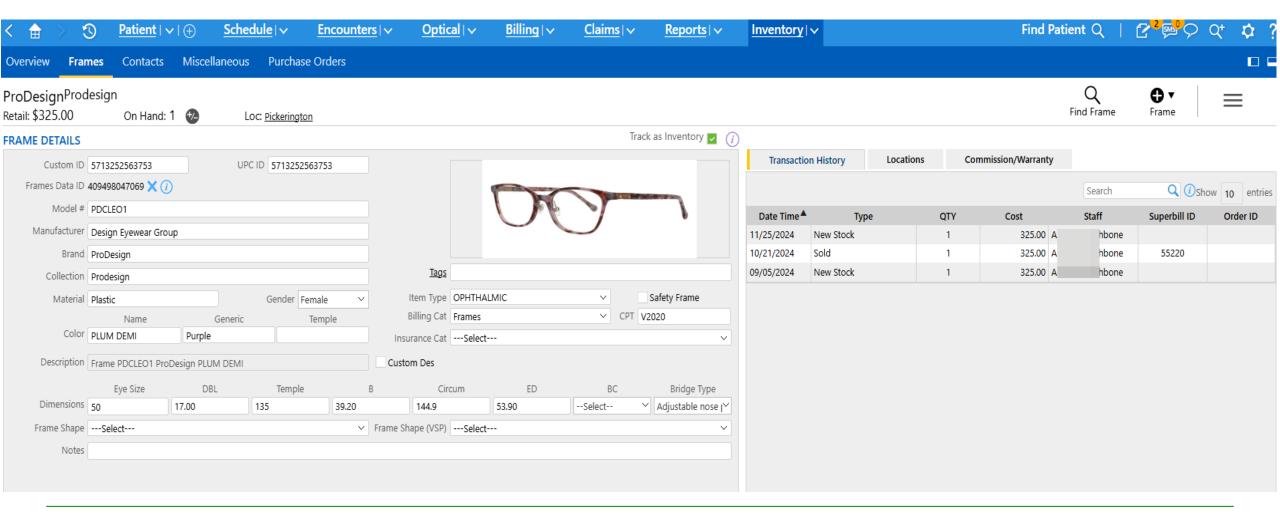
#### Contacts:

- Easy to load and track inventory on hand
- Can integrate with distributers

## Frame Inventory Management



# Frame Inventory Details





#### Frames Top Selling

Loc: All; Charges By: Date of Service; Date: 10/01/2024 to 12/31/2024; Mfr: OGI Eyewear; Brand: All; Gender: All; Show: 50; Omit Frames: None

Manufacturer	Brand	Collections	Model#	Custom ID	Generic Code	Gender	Retail	Added on Date	Last Sold	Sold	On Hand
Pickeringto	on										
OGI Eyewear	OGI Eyewear	Red Rose by OGI Eyewear	MESTRE	796835166539	BLACKGOLD	Female	296.00	12/30/2024	12/30/2024	1	0
OGI Eyewear	OGI Eyewear	Red Rose by OGI Eyewear	GIOVANNA	796835166355	COPPER LEAF	Female	296.00	12/02/2024	12/02/2024	1	0
OGI Eyewear	OGI Eyewear	OGIEyewear	THE BANK	796835139175	GREY TORTOISE	Male	283.00	07/30/2024	12/23/2024	1	0
OGIEyewear	OGI Eyewear	OGIEyewear	OH MY	796835144124	ROBIN TORTOISE	Female	283.00	04/02/2024	12/20/2024	1	1
OGI Eyewear	OGI Eyewear	OGIEyewear	OH MY	796835144124	ROBIN TORTOISE	Female	283.00	04/02/2024	10/04/2024	1	1
OGI Eyewear	OGI Eyewear	OGIEyewear	OH FOR CUTE	796835093149	GREYBLUSH FADE	Female	283.00	08/19/2024	11/26/2024	1	0
OGI Eyewear	OGI Eyewear	OGIEyewear	OH FOR CUTE	796835093149	GREYBLUSH FADE	Female	283.00	08/19/2024	10/02/2024	1	0
OGI Eyewear	OGI Eyewear	OGIEyewear	MOA	796835160391	CLOUDY BLUE	Female	283.00	07/24/2024	12/31/2024	1	0
OGI Eyewear	OGI Eyewear	OGIEyewear	INDEED	796835160421	TANGERINE TORTOISE	Female	283.00	07/30/2024	10/08/2024	1	0
OGI Eyewear	OGI Eyewear	OGI Eyewear	HEY GUYS	796835143745	TURQUOISE NAVY CRUNCH	Female	309.00	04/26/2024	11/26/2024	1	0
OGI Eyewear	OGI Eyewear	OGI Eyewear	GOOD GRAW	796835163125	GREYROSE CARNIVAL	Female	283.00	08/02/2024	11/18/2024	1	1
OGI Eyewear	OGI Eyewear	OGIEyewear	CUTIE PIE	796835120470	GREY/ROSE FADE	Female	296.00	12/16/2024	12/18/2024	1	1
OGI Eyewear	OGIEyewear	OGI Eyewear	BAUHAUS	796835150859	CORAL AMETHYST TORTOISE FADE	Female	283.00	04/26/2024	10/16/2024	1	1
OGI Eyewear	OGI Eyewear	OGIEyewear	BABE	796835167468	SKYLINE TORTOISE	Female	283.00	07/30/2024	11/22/2024	1	0
					Total fo	or Location:	\$4027.00			14	5
					Gran	d Total:	\$4027.00			14	5

2/6/2025 12:32:40 AMby | henry Page 1 of 1

# Frame Inventory Reports

#### Inventory Sales by Frame by Manufacturer and Brand Brief (New)

				01/01/20	25 to 01	1/31/2025								
				Sales		Net Rece Insurance	eipts (Pati ) (Line Iten		Cost	of Good	3	ı	Profits	
Brand	Туре	No. of Units	% Units	Charges	% Charges	Net Receipts, Refunds & Credits	% Net Receipts, Refunds & Credits	& Creatts		% Cost	% of (Cost BY Charges)	Profit		% of (Profit B\ Charges)
	Sale	313	100.00%	97,0946	-	\$10,000.40	-	20.00	80.010	-	-	State of	-	100
Grand Totals	Return/Ref/Cred	7	100.00%	0.00.0	-	\$70.7	-	80.70%	900-0	-	0.00	940.0	-	0.00
	Net Sales	306	100.00%	\$70,000.00	-	\$80.00.0	-	200	BARRES	-		9071.0	-	1.00
Pickerington Location														
Frame Manufacturer: Altair Eyewear														
Anne Klein	Sale	2	11.76%	-		-						180	-	
Bebe	Sale	11	64.71%			77.4				-				
JOE	Sale	4	23.53%	80-0									-	

Subtatal for Frame Manufacturary Altair	Sale	17	5.43%	
Subtotal for Frame Manufacturer: Altair Evewear	Return/Ref/Cred			
	Net Sales	17	5.56%	

#### Frame Manufacturer: Alternative Eyewear/Plan B Eyewear

Indii Kids Sale 1 100.00%

Cubtatal for Frame Manufacturers	Sale	1	0.32%	
Subtotal for Frame Manufacturer: Alternative Eyewear/Plan B Eyewear	Return/Ref/Cred			
	Net Sales	1	0.33%	

#### Frame Manufacturer: Design Eyewear Group

ProDesign Sale 6 100.00%

Subtatal for Frame Manufacturers	Sale	6	1.92%
Subtotal for Frame Manufacturer: Design Eyewear Group	Return/Ref/Cred		
	Net Sales	6	1.96%

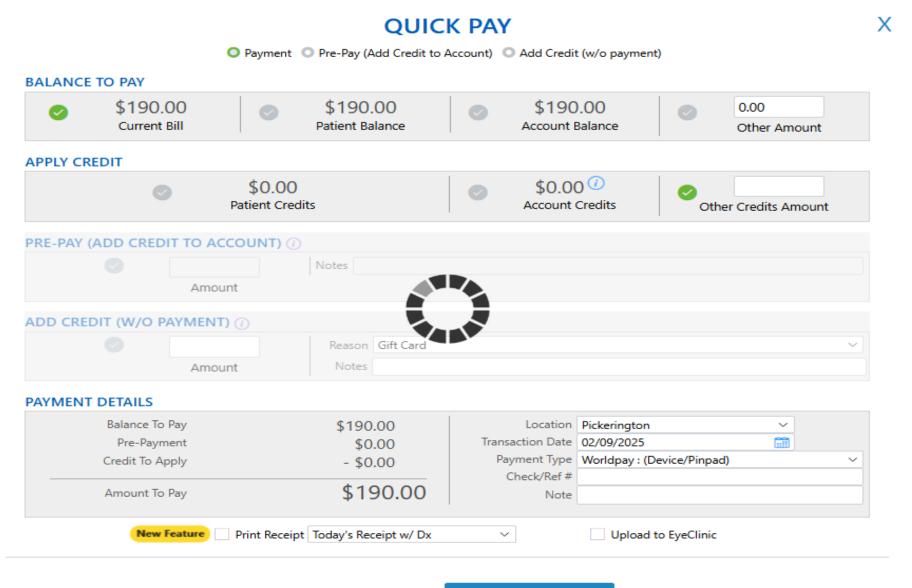
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# Integrated Payment Solutions

## Integrated Payment Solutions

- Credit card payment solutions can save a significant amount of staff time
  - Collecting full payment at time of service is quick and easy
    - Auto posting of the proper amount collected to the patient account is a significant time saver at the end of the day with balancing
  - If a patient "forgets their wallet" a payment link can be sent directly to their phone or email
  - A payment link can also be posted in their patient portal
  - A patient can pay for contacts or glasses after going home to discuss the purchase if needed

## In Office Check Out



# In Office Auto Posting

CHARGES	PAY/ADJ H	X TRANSACTIONS	(i) Encounter II	D: Order ID:			
Payment	t Date 🕧	Paid By	Patient Paid	Pt Adj/Discount	Credit Added	Credit Used	Pt Refund
-	Ŭ						
02/09	9/2025	Minnie Mouse	190.00	0.00	0.00	0.00	0.00

## Payment Link via Mobile Phone

Click the link below to pay your account balance of 190.

https://payments.maximeyes.com?

id=f0f36a1b-47cb-4f9d-8671-6028871

dffdb-887

Hermann & Henry Eyecare, Inc.

(614) 833-2400



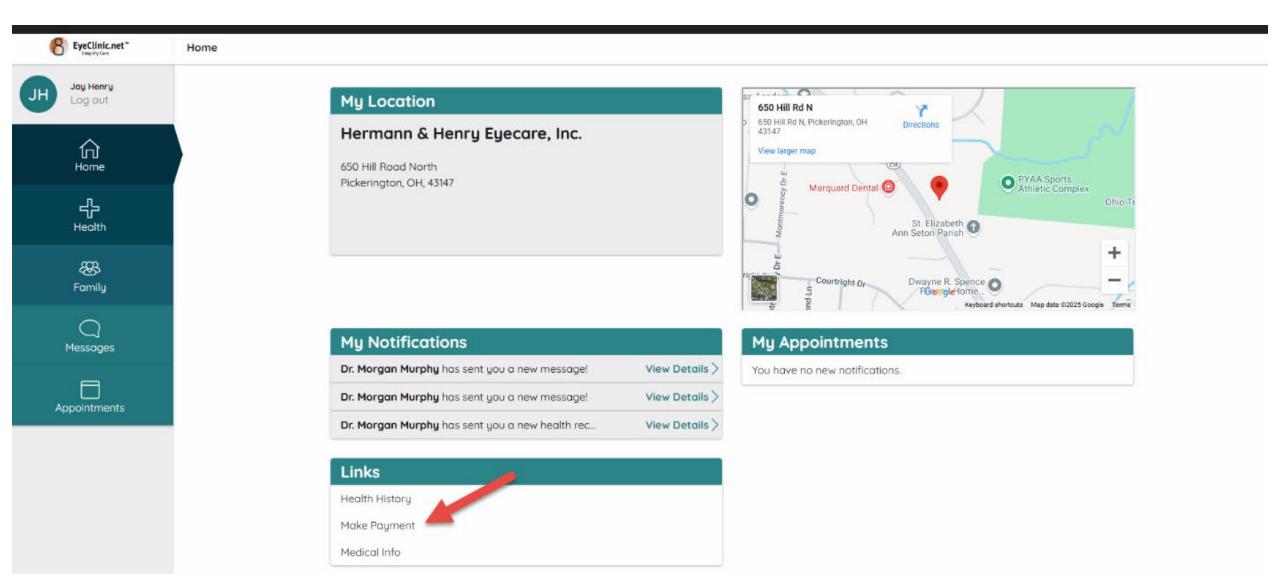
## ONLINE PAYMENT TO HERMANN & HENRY EYECARE, INC.

Please pay the amount below at the time of receiving this notification. Due to HIPAA requirements we are not able to send additional information about your account. Please refer to your statement or give us a call at (614) 833-2400 for any questions.

Balance Due: \$190.00

* Card Number:			0
Expiration:	Month 🗢	Year 💠	
cvv:	•		
Transaction In	ormation		
Amount: \$190	0.00		

## Payment Link: Patient Online Portal



## Payment Link: Patient Online Portal

#### ONLINE PAYMENT TO HERMANN & HENRY EYE CARE, INC. --HERMANN & HENRY (OH)

Please pay the amount below at the time of receiving this notification. Due to HIPAA requirements we are not able to send additional information about your account. Please refer to your statement or give us a call at for any questions.

Balance Due: \$175.00



#### Integrated Payment Solutions

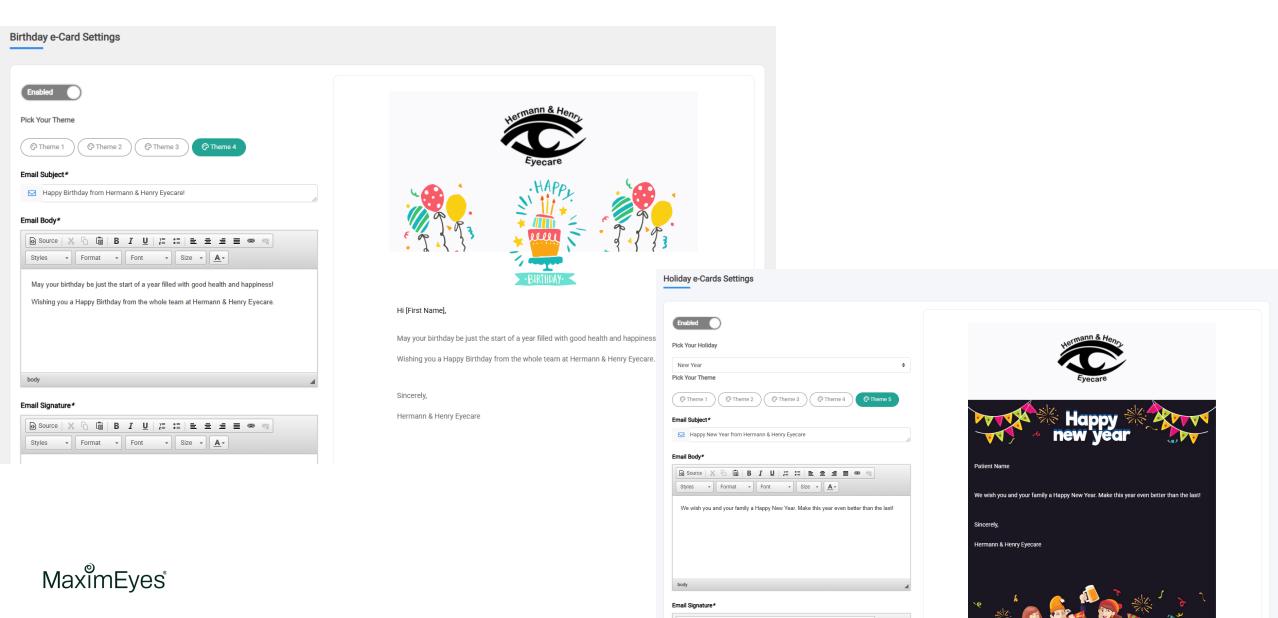
- Auto posting of payments at checkout saves a few minutes per each transaction
- Prior to the integrated credit card solution, we would spend
   30-60+ minutes at the end of each day to reconcile or balance
  - Often, we were just looking for a penny or a dollar that was entered incorrectly
- With the integrated solution we now typically spend about 5–
   10 minutes to balance and close out each day
- Staff time savings 60+ mins / day

- Customizable messages for any needs
  - Appointment reminders, glasses/CL orders ready, Happy Birthday, holidays, annual exam recalls, overdue appointment recalls
    - Significant decrease in patient no-show rates with text and email appointment reminders
- Can communicate directly via text from within the EHR to our patients
  - This is not just a trend but a patient expectation
  - Saves staff time on the phone
- Can easily select a group of patients to text
  - For example: emergency office closure: all patients scheduled that day sent a text message

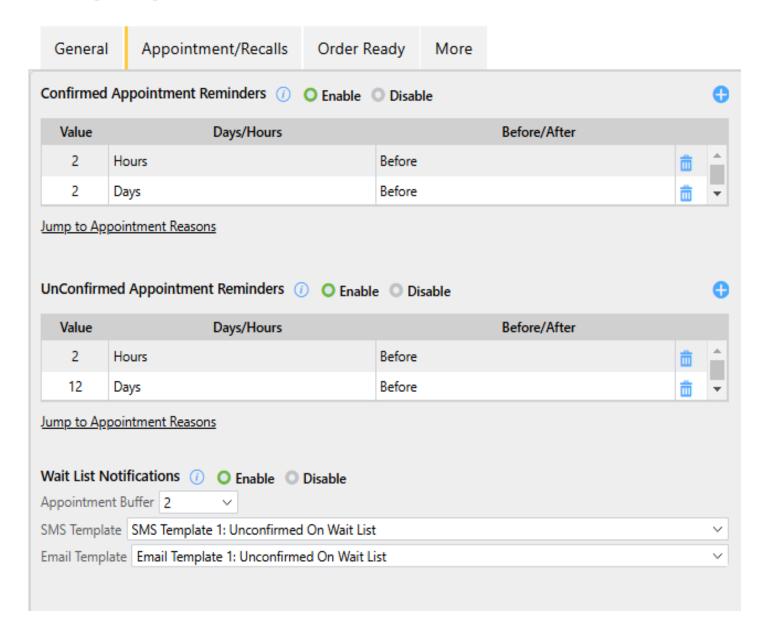
- Can send welcome forms, policy forms, HIPAA privacy practice, payment links, optional testing forms (Optos)
  - Custom online patient intake forms are a huge staff time saver
    - Patients can enter the data, and it syncs with our EHR
    - Frees staff from redundant data entry
- Saves 5-10 mins per each patient

- Online scheduling is also available
  - Research shows 67% of patients prefer to schedule online and 40% prefer to do it after hours
- Appointment reminders, order ready notifications, texting direct with patients, online scheduling, patient intake forms and other engagement features = significant staff time savings
  - This time savings has allowed us to grow significantly in patient encounters without adding additional staff

## Birthday & Holiday Messages



### Patient Engagement: Confirm Appointments



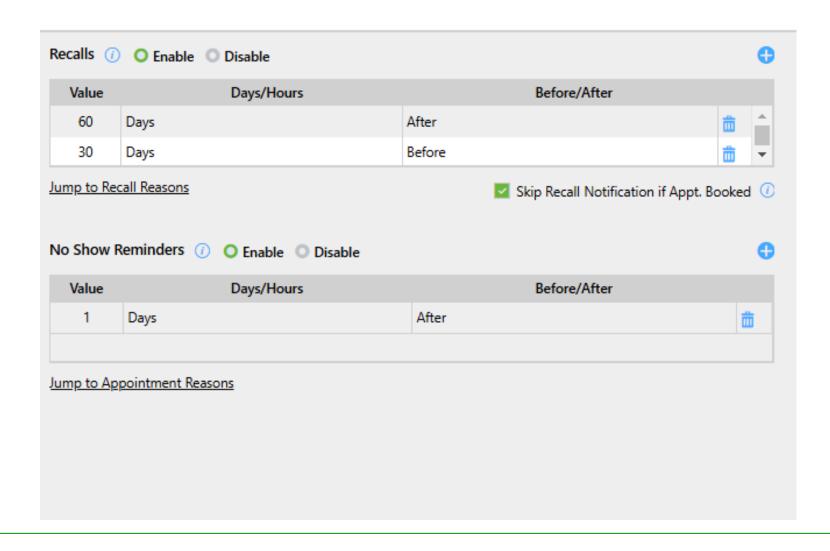


Confirm your appointment on Mon 02-10-2025 07:10 AM with Dr. Jay Henry Click the link to confirm: <a href="https://p.maximeyes.com/qnnk91">https://p.maximeyes.com/qnnk91</a>
Optout=<a href="https://p.maximeyes.com/">https://p.maximeyes.com/</a>
CduXro

Your appointment has been confirmed.

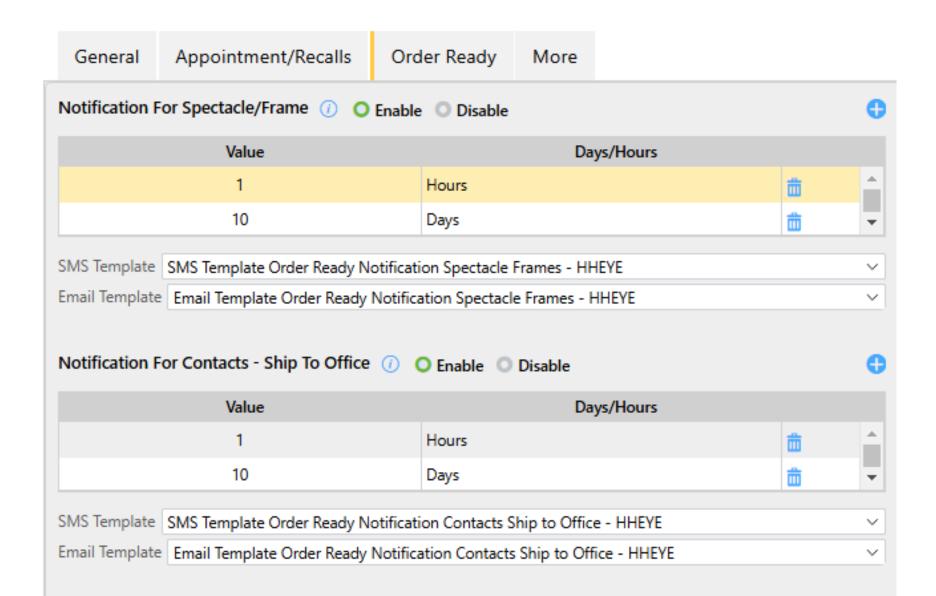
Hermann & Henry Eyecare, Inc. Pickerington (614) 833-2400 Appt: Mon
02-10-2025 07:10 AM Prior to your visit,
https://p.maximeyes.com/cj3VCF to
complete the online check-in process.
Optout=https://p.maximeyes.com/
vpwTz2

#### Patient Engagement: Recall



Our Records indicate you are due for an eye examination. Please call (614) 833-2400 to book your appointment. Hermann & Henry Eyecare, Inc.

#### Patient Engagement: Order Status

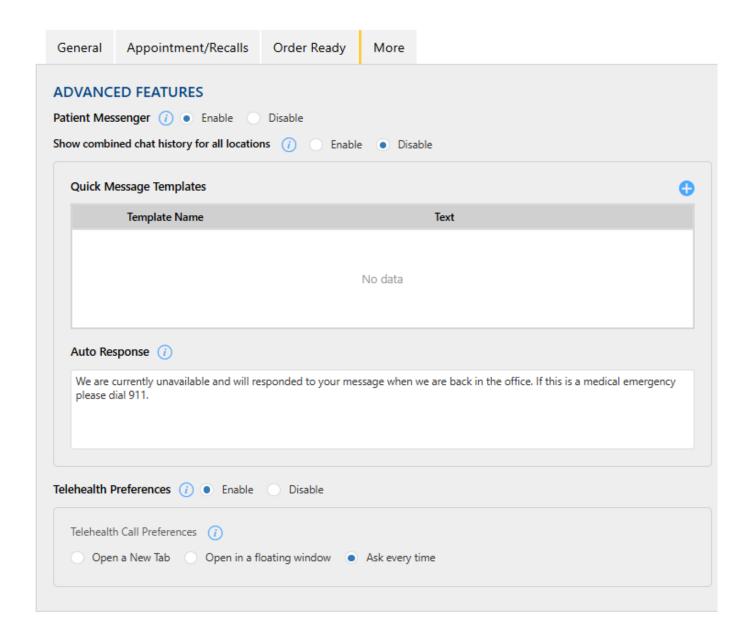


Morgan, your glasses have arrived! No appointment needed to pick up. Hermann & Henry Eyecare, Inc. (614) 833-2400

Minnie, your contacts have arrived! No appointment needed to pick up.

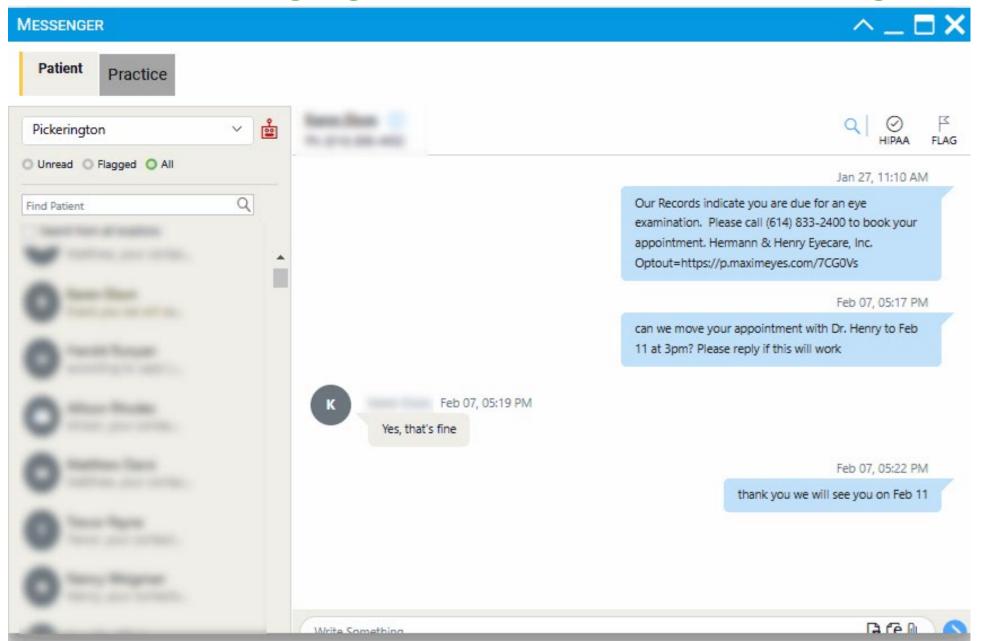
Hermann & Henry Eyecare, Inc. (614) 833-2400

## Patient Engagement: Advanced Features



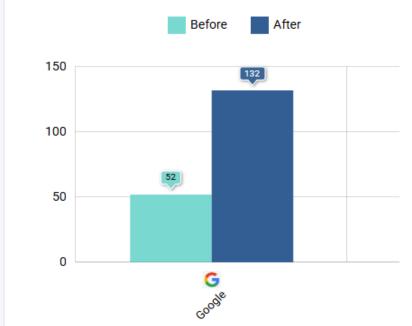


### Patient Engagement: Text Messenger



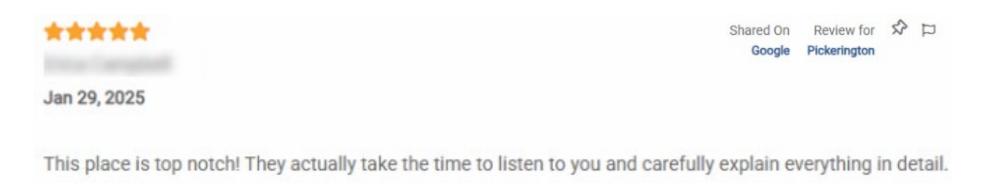
## Patient Engagement: Reputation Management



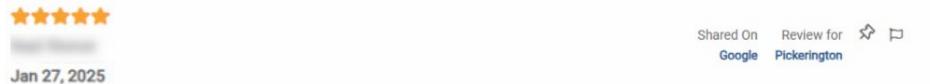




### Patient Engagement: Reputation Management





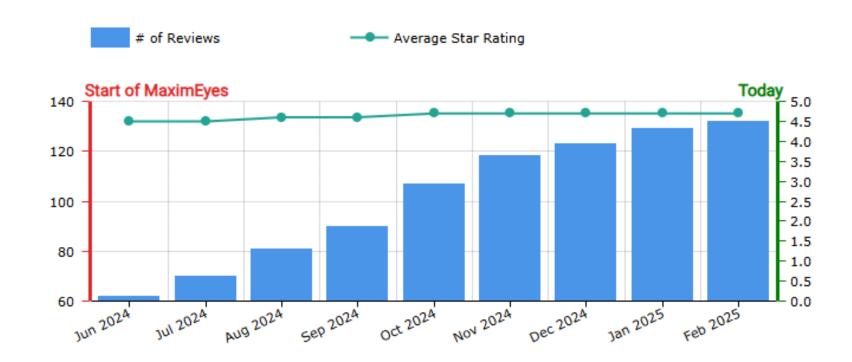




### Patient Engagement: Reports

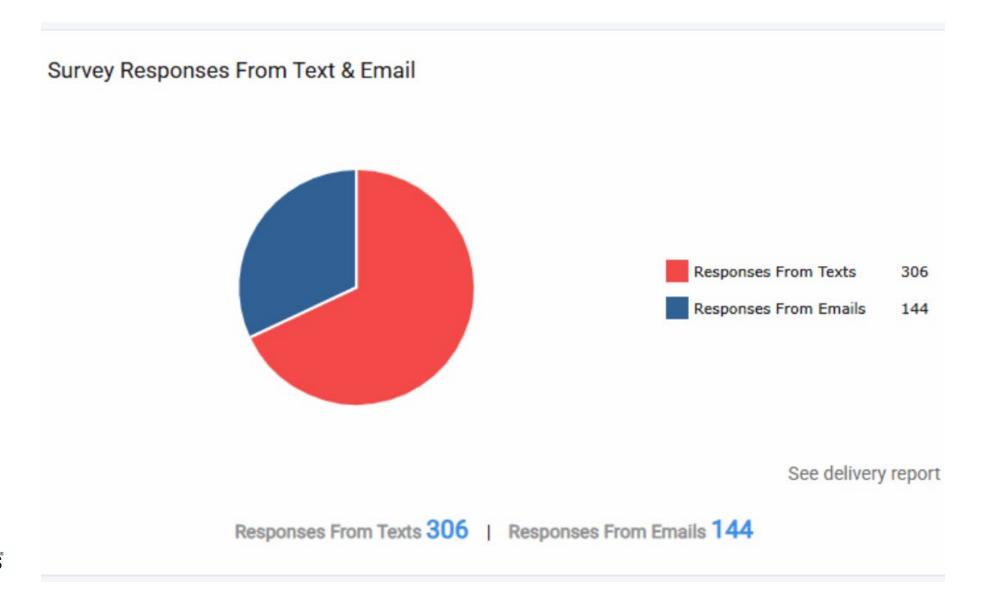
Significant increase in the number of reviews

Cumulative Reputation Trend (Google)





#### Patient Engagement: Reports



#### Patient Engagement: Reports



## Al Insurance Eligibility Tools

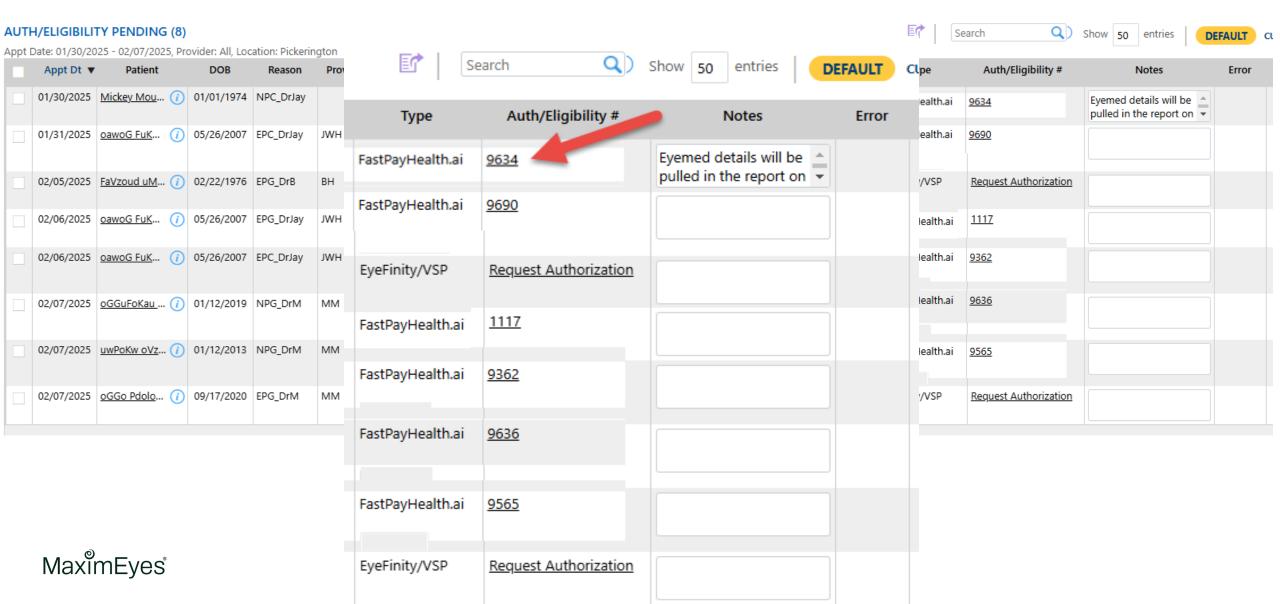
#### Al Insurance Eligibility Tool

- Al insurance eligibility tool automatically checks patient insurance eligibility and pulls the information into the EHR
- Al eligibility tool will run in the background
  - Checks all patients' insurances (vision and medical) for eligibility information
  - Can schedule to check 3-5 days before upcoming appointments
- Can use for emergency appointments at time of service
  - Allows us to collect proper copays and to know if deductibles have been met

#### Al Insurance Eligibility Tool

- Don't have to log into multiple websites to gather information
  - -Al tool works with:
    - Spectera, EyeMed, VSP, Medicare, Anthem, Aetna, and hundreds of others
- This has been a staff favorite
- Insurance authorizations in our office
  - -70+ patients/day at 4 minutes/patient = 4+ hours
- This tool is saving us 4+ hours a day on staff time

## Al Eligibility Tool



Member Id:		
Routine		
Medical		

Service	Member is Eligible?	, Member Eligible As Of*	Service Frequency
Exam	Yes	10/01/2017	Once every year from the date of service
Lenses	Yes	10/01/2017	Once every year from the date of service
Frame	Yes	10/01/2017	Once every 2 years from the date of service
Contact Lenses	Yes	10/01/2017	Once every year from the date of service
Contact Lens Fit and Follow-up	Yes	10/01/2017	Unlimited

#### Medical

Additional Purchase

Service	Member is Eligible?	Member is Eligible? Member Eligible As Of*				
Lenses	Yes	10/01/2017	Unlimited			
Frame	Yes	10/01/2017	Unlimited			
Contact Lenses	Yes	10/01/2017	Unlimited			

#### Benefits

Vision Care Services	In-Network Member Cost
Exam Services	
Exam	\$10 copay
Retinal Imaging	Up to \$39
Contact Lens Fit and Follow-Up	
Fit and Follow-up - Standard	Up to \$40
Fit and Follow-up - Premium	10% off retail price
Frame	
Frame	\$0 copay; 20% off balance over \$130 allowance
Lenses	
Single Vision	\$15 copay
Bifocal	\$15 copay
Trifocal	\$15 copay
Lenticular	\$15 copay
Progressive - Standard	\$30 copay
Progressive - Premium Tier 1	\$110 copay
Progressive - Premium Tier 2	\$120 copay
Progressive - Premium Tier 3	\$135 conav

#### REF DOC

m

Memberld:

Subscriber : , DOB : 04/06/1972

subscriberRelationship : Self

Patient: , DOB: 04/06/1972 Payer: ANTHEM BLUE CROSS BLUE SHIELD

insuranceType: Preferred Provider Organization (PPO)

EFF: Jan 01, 2025 - Dec 31, 9999

plan / Product : PPO - TRADITIONAL PLAN

Ind ded: \$1000 Remaining

Ind ded: \$1000 Total

Ind oop: \$5189.98 Remaining

Ind oop: \$5250 Total OV Colnsurance: 0%

Spl Copay: \$40 OV Copay: \$30

Routine Exam - Non Covered

Vision Not Covered

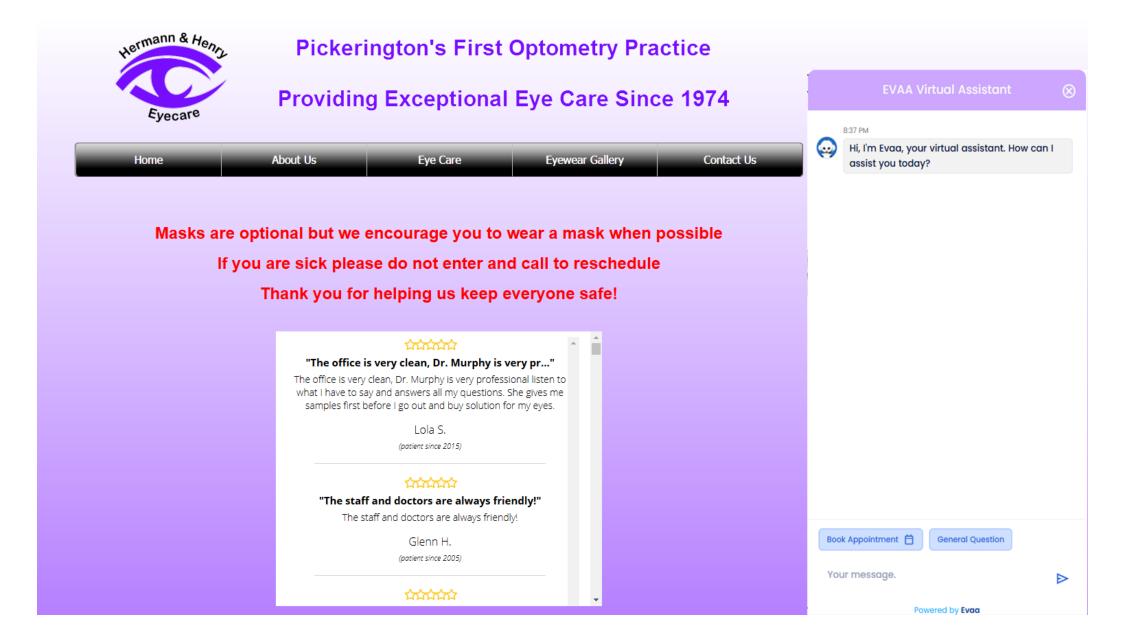
VSP PATIENT RECOR	RD REPORT						
PATIENT IDENTIFICATION							
Patient Name	-			Auth#	-		
Relationship Member				Auth E	ff Date 09/20/20	)24	
Member Name					xp Date 10/20/2 Date 12/27/1977		
EYE HEALTH MANAGEMI	ENT CONDITIONS (che	ck all that apply)					
SYSTEMIC CONDITIONS:		,	DIABETES	ПНУРЕ	RTENSION	HIGH CHO	LESTEROL
OCULAR CONDITIONS:	DIABETIC RETIN		GLAUCOMA	AMD		NONE OF	THESE 7 CONDITIONS
DILATION PERFORM					COMPLETED/P		
PATIENT COVERAGE				NAIO/IIION	OOMII EETEBII	DIMMED	
	fSvcs 06/01/2025	Lens Yes	Frame	Yes Contac	t Lens Exam Ye	s Cor	ntacts Yes
Service Freq Exam	Every 12 Let months.	ns Every 12 months.	Frame Every months		Contact Every 1 Lens months Exam		tacts Every 12 months
Benefit VSP Choice Plai Network Choice Lab U PLAN DETAILS	se Must use plan desigi	nated contract labor		N .			
Co-payments Exam \$1			1100				
Routine Retinal Screeni Frame Allowance Ex	ng Charge the i tra \$20 promotion on Alta	esser of \$39.00 or ( pir Evenuear/Marcho		other availa	hla frama nromo	tions included	halow:
WF	FA73 \$190.00 for bebe, Cerage.		_				
WF	A65 \$170.00 for Altair E	/ewear/Marchon fra	mes. Patient rece	ives 20% sa	vings on frame o	overage.	
WF	A57 \$150.00 for non-Alt	air Eyewear/Marcho	on frames. Patient	receives 20	% savings on fra	ame overage.	
Contacts Routine eye e	exam covered.						
CL Exam Serv	rices Charge the les	ser of \$60 copay or	r 85% U&C.				
CL Materials	\$150.00						
Contacts are	instead of [lens, frame].						
Necessary Contact Lens	ses Criteria applie	s; see VSP Manual	. Copay \$25.00.				
Low Vision Criteria Appl	lies see VSP Manual.						
Value Added Benefits	20% complete addit from a VSP doctor v			escription p	lano sunglasses	and blue light	filtering glasses,

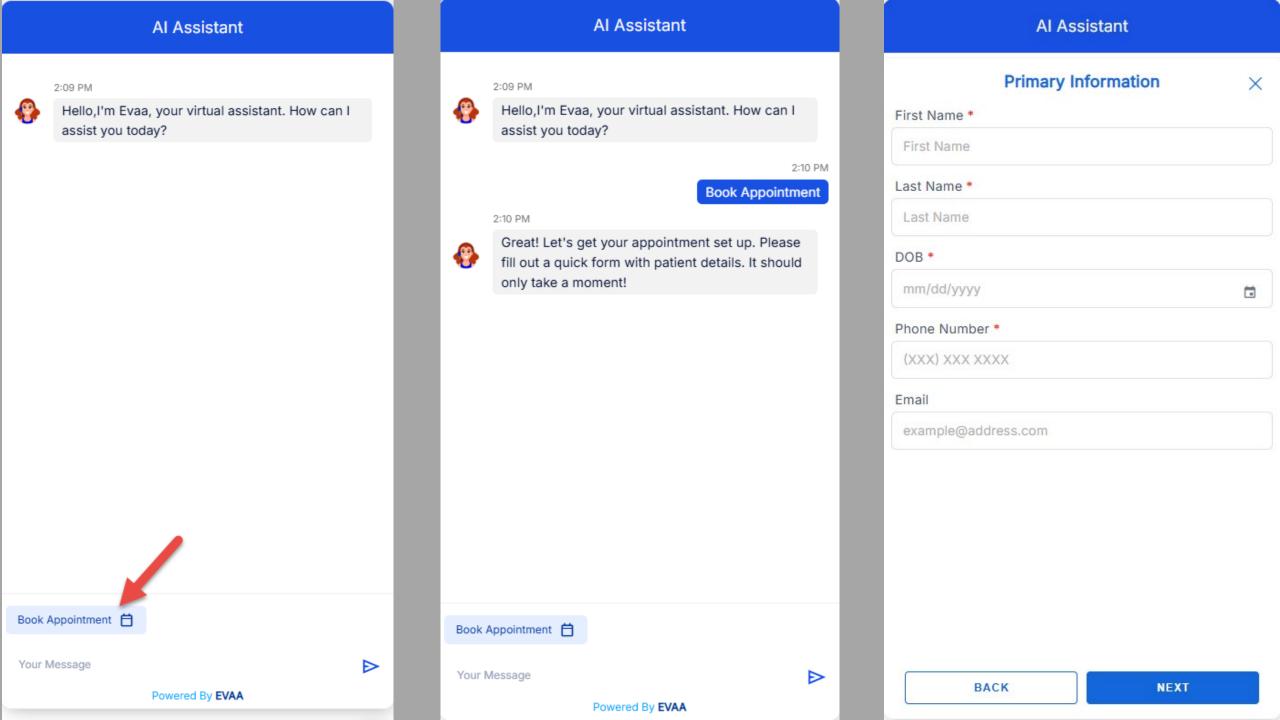
15% contact lens exam services from a VSP doctor for 12 months on or following date of routine exam.

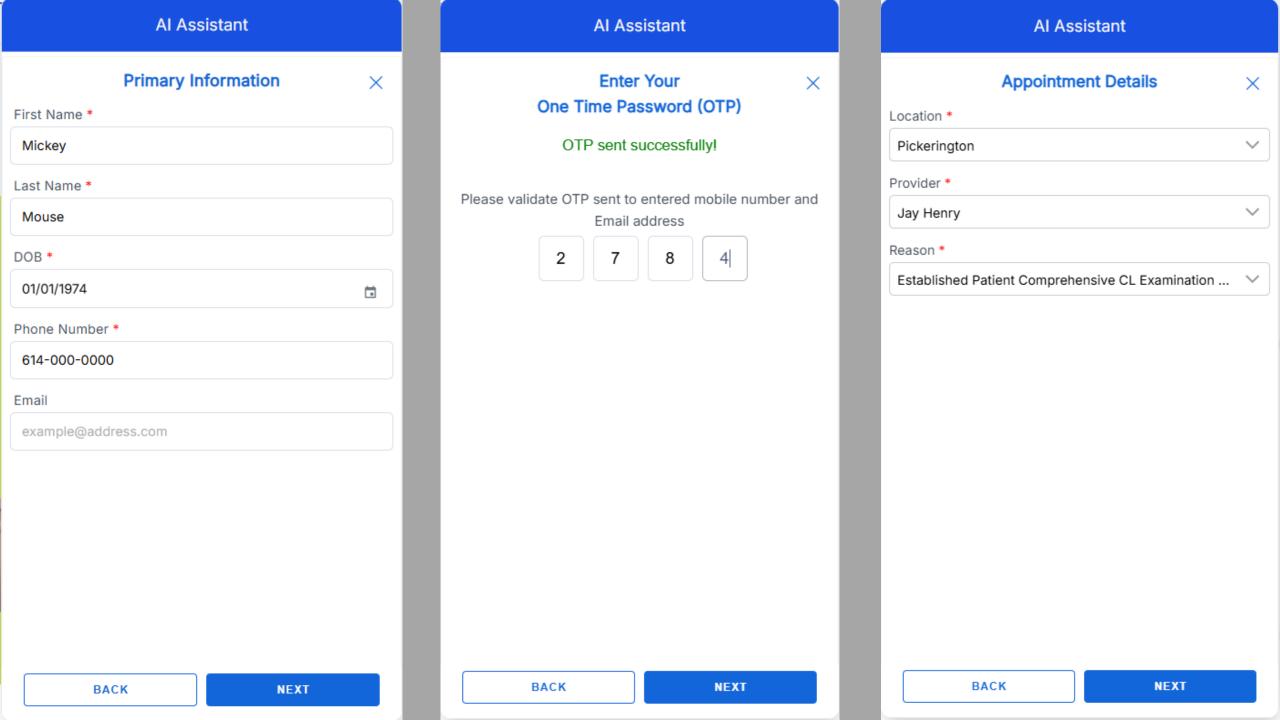
- Efficient Administrative Tasks:
  - Al can automate administrative tasks, such as appointment scheduling, insurance eligibility, data entry / dictation, order status, billing, and general questions
- Can significantly reduce staff phone time
  - Reduce phone volume
  - Reduce staff time checking and returning voice mail
- Freeing up staff and doctors to be more efficient and allow more time to spend providing quality care

- Leveraging AI will reshape the future of healthcare
  - Al has the potential to revolutionize healthcare by improving diagnostics, personalizing treatment, streamlining operations and improving efficiencies
  - Rather than simply automating tasks, Al is about developing technologies that can enhance patient care across healthcare settings
  - -The goal is patient centered intelligent engagement

- How are we using Al currently?
  - EyeClinic Virtual Al Assistant (EVAA) can and/or will be able to:
    - Schedule patients from our website
      - Check appointment times
      - Cancel appointments
      - Reschedule appointments
    - Intercept voicemails / busy phone lines and interact with patients via chat
    - Check glasses and contact lens order status
    - Check billing
    - Insurance verification and insurance changes
      - EVAA, AI technology will read insurance card and update patients record







# Al Assistant Choose Your Appointment Date

February 2025

W

19

24 25 26 27 28

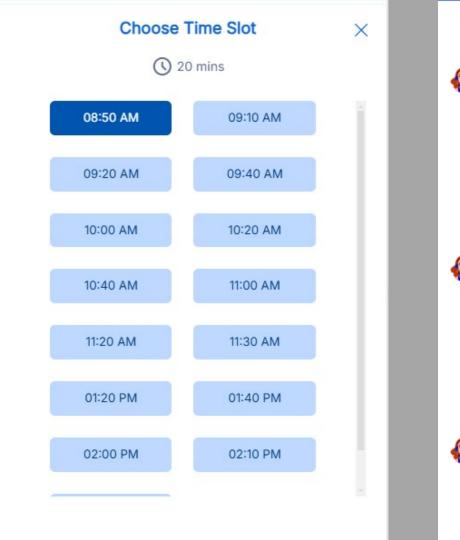
13

20

#### Al Assistant

#### Al Assistant

Book Appointment



2:16 PM

Great! Let's get your app

Great! Let's get your appointment set up.
Please fill out a quick form with patient details.
It should only take a moment!

2:19 PM



Your appointment has been booked.



Mickey Mouse

Location: **Pickerington**Provider: **Jay Henry** 

Reason: Established Patient Comprehensive

CL Examination with Dr. Jay

Date: **02/14/2025** Time: **08:50 AM** 

**@** 

2:19 PM

Is there anything else I can assist you with?

Book Appointment 📋

Your Message



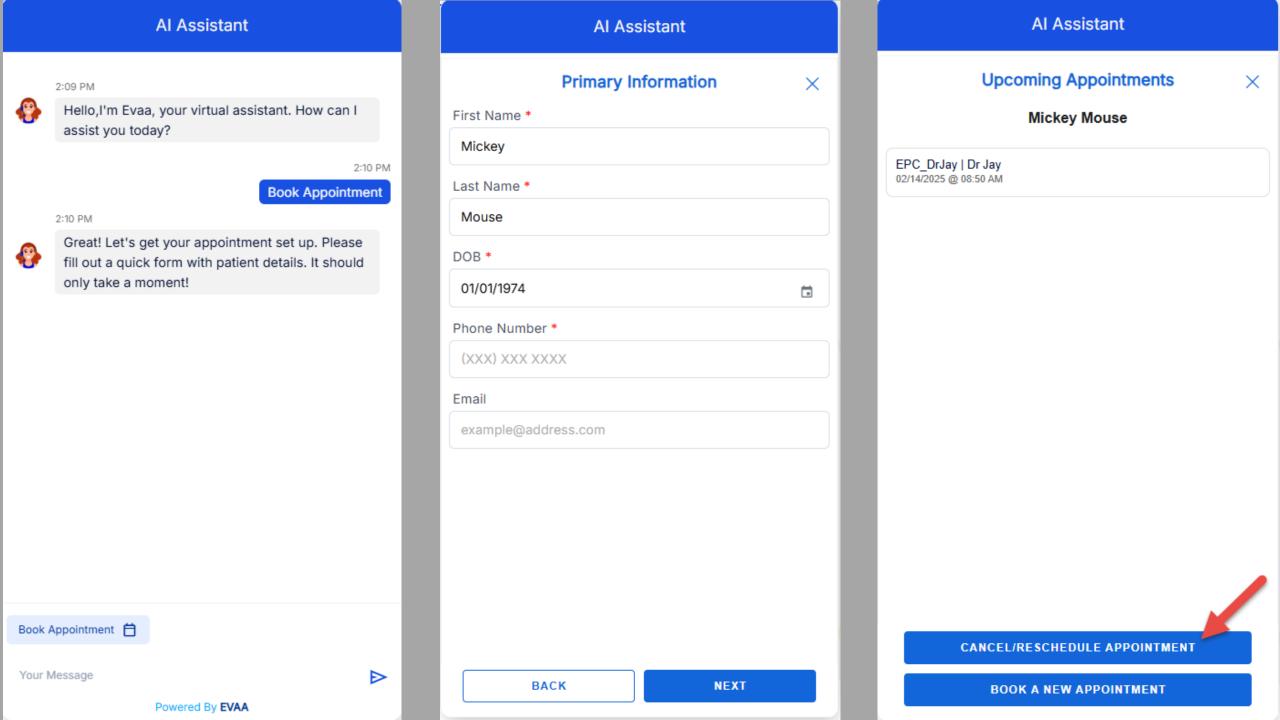
BACK

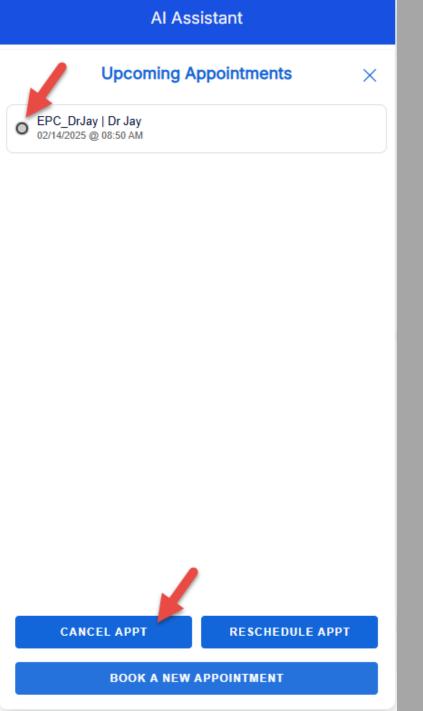
NEXT

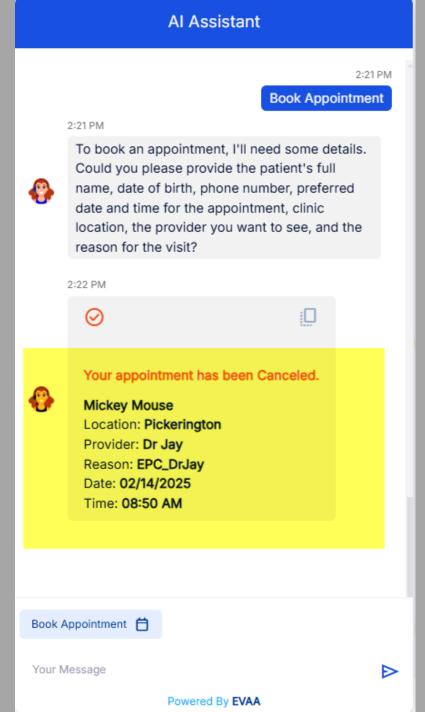
 $\times$ 

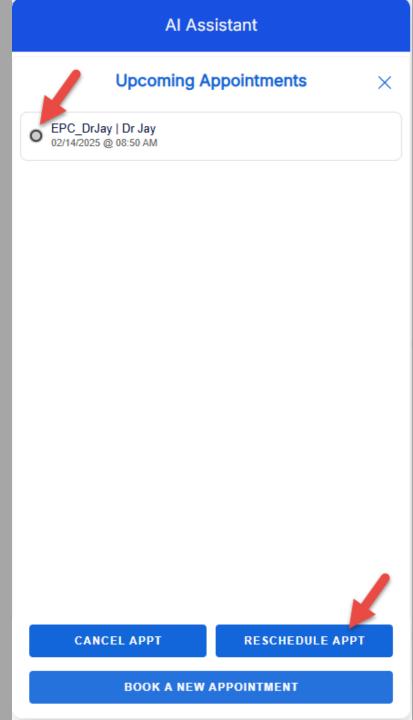
BACK

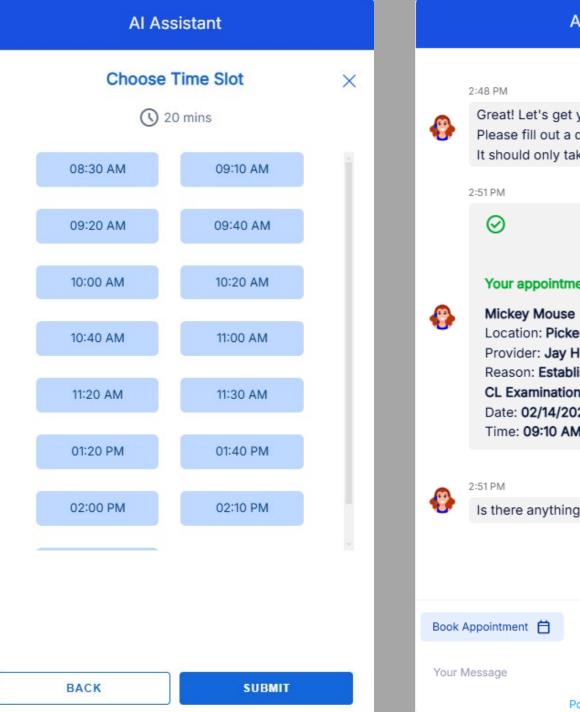
SUBMIT





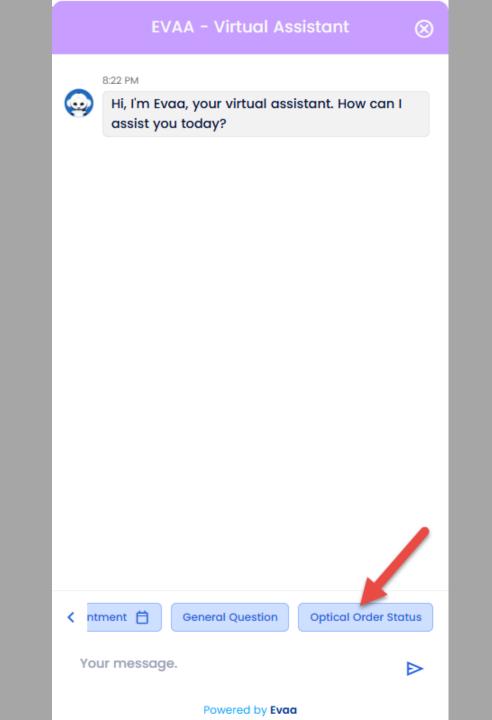


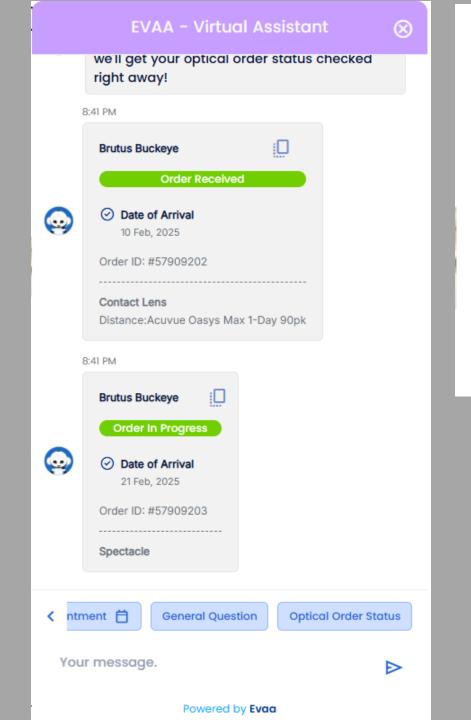


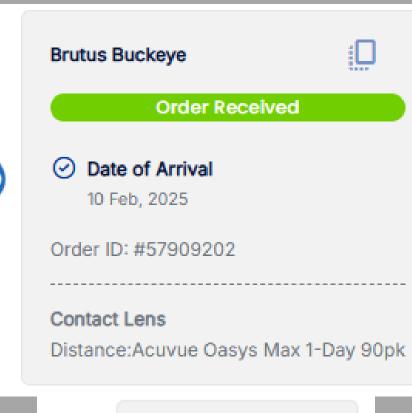


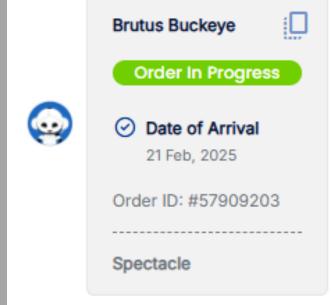
#### Al Assistant Book Appointment Great! Let's get your appointment set up. Please fill out a quick form with patient details. It should only take a moment! Your appointment has been booked. Location: Pickerington Provider: Jay Henry Reason: Established Patient Comprehensive CL Examination with Dr. Jay Date: 02/14/2025 Time: 09:10 AM Is there anything else I can assist you with? $\triangleright$ Powered By EVAA

### Al Assistant Order Status

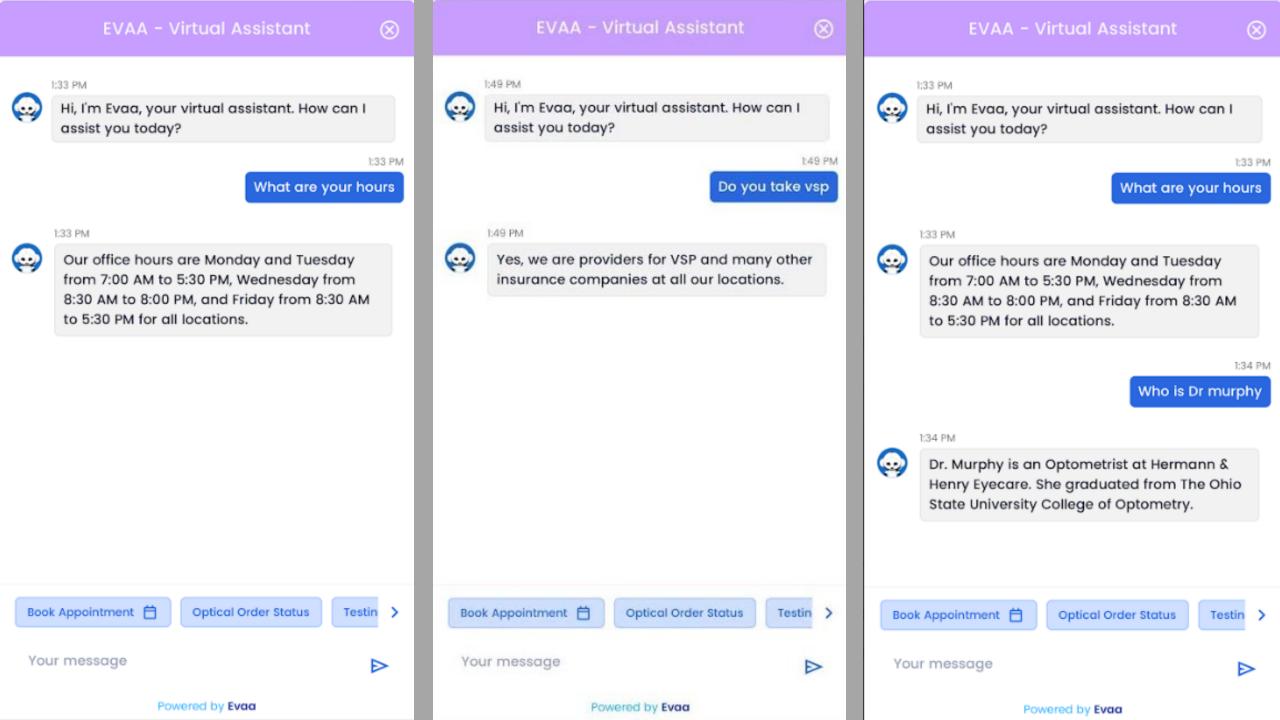








# Al Assistant General Questions



#### Al Technologies

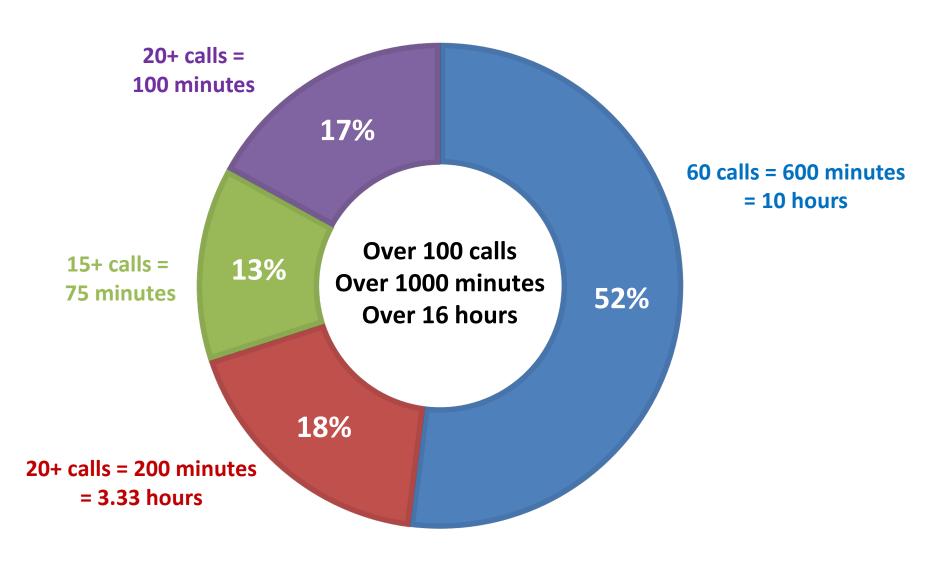
- Time saving features:
- EVAA (AI / virtual assistant): if AI fields 50% of calls / questions, saves at least 8 hours a day
  - -Scheduling
  - -Order status
  - -General questions
  - -Billing
  - -Insurance verification

#### ROI with AI Technologies

- Staff phone time/day
  - 60+ scheduling calls at 5-10 minutes/call
    - 600 minutes = 10 hours
  - 20+ bill pay at 10 minutes/call
    - 200 minutes = 3.33 hours
  - 15+ order status calls at 2-5 minutes/call (sometimes more depending on complexity)
    - 75 minutes
  - 20+ general questions at around 5 minutes/call
    - 100 minutes
- Grand total: almost 1000 minutes/day phone time = over 16 staff hours on the phone

#### **DAILY PHONE CALLS**







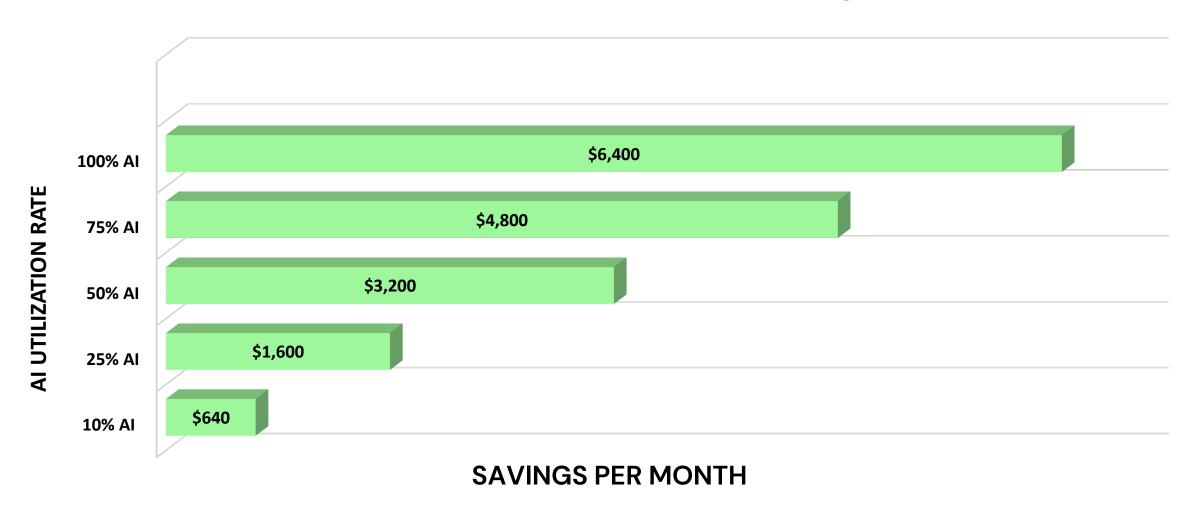
#### Savings Using Al

- Over 320 hours/month of staff phone time
- Salary around \$14–15/hour = \$4800/month
- Salary around \$17-18/hour = \$5760/month

• Salary around \$18-20/hour = \$6400/month



### Staff Time = Money



# Innovative EHR Technologies: Driving Efficiency and Excellence in Healthcare

# **QUESTIONS?**

Jay W. Henry, OD, MS Morgan L. Murphy, OD, FAAO

### MaximEyes

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