**Evaluation of Optometrists’ Perspectives of Artificial Intelligence in Eye Care**

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**The purpose of this survey study is to determine optometrists’ attitudes towards artificial intelligence (AI) for clinical decision-making. Your participation in this study is voluntary, and confidentiality will be maintained to the degree permitted by the technology used. Your participation in this online survey involves risks similar to a person’s everyday use of the Internet. We will not collect identifying information such as your name or email address. The data collected will be stored in Qualtrics, a protected web based platform. The results of this study will help us understand optometrists’ perceptions of AI in eye care.**

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**I understand participation is voluntary and that my responses will remain confidential and data will be de-identified. I understand that by completing the survey, I agree to participate in this study.**

* Yes, I consent.
* No, I do not consent.

Q1 Which of the following best describes you?

* Optometrist
* Optometry resident
* Optometry student
* Other

Q2 What is your gender?

* Male
* Female

Q3 In what year did you or will you graduate optometry school?

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Q4a What is your primary mode of practice?

* Private optometry practice (individual or group)
* Group OD/MD practice
* Community Health Center
* Commercial/corporate practice
* Veterans Administration
* Optometry School
* Academic Medical Center
* Other

Q4b Other mode of practice.

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Q5a Did you complete a residency?

* Yes
* No

Q5b Type of residency (select all that apply).

* Community Health
* Cornea & Contact Lens
* Family Practice
* Low Vision
* Ocular Disease
* Pediatric
* Primary Care
* Refractive & Ocular Surgery
* Vision Therapy & Rehab
* Brain Injury
* Geriatric Optometry

Q6 I am familiar with the use of artificial intelligence in eye care.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q7 I am concerned about the diagnostic accuracy of artificial intelligence in eye care.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q8 I am concerned that artificial intelligence will replace doctors.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q9 Artificial Intelligence will harm the doctor-patient relationship.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q10 Artificial intelligence should be incorporated into the optometry school or residency curriculum.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q11 Artificial intelligence will improve the practice of optometry.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q12 Prior to the COVID-19 pandemic, I would have been willing to incorporate artificial intelligence into my practice.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q13 In response to COVID-19 pandemic, I would be willing to incorporate artificial intelligence into my practice.

* Strongly agree
* Somewhat agree
* Neither agree nor disagree
* Somewhat disagree
* Strongly disagree

Q14a What role do you think artificial intelligence should have in the future of eye care (select all that apply)?

* Screening for eye disease
* Diagnosis of eye disease
* Monitoring the progression of eye disease
* Making management decisions related to eye disease
* Determining refractive error
* Triaging patients and assisting with scheduling
* Other

Q14b If you selected 'other' to the previous question, please explain.

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Q15 What do you see as the primary role(s) of artificial intelligence in the future of eye care (optional)?

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Q16 How do you feel artificial intelligence can improve health care delivery in optometry (optional)?

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Q17 What challenges do you anticipate with the use of artificial intelligence in optometry (optional)?

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