

Ek Tablo 2. Hasta etkileşimi, eğitimsel ve diğer uygulamalarla ilgili çalışmaların detayları				
Makale adı	Yıl	Dergi	Yazarlar ^{kaynak}	Birinci yazarın ülkesi
Hasta etkileşimi uygulamaları				
Generative artificial intelligence responses to patient messages in the electronic health record: early lessons learned	2024	JAMIA Open.	Baxter ve ark. ⁷⁷	ABD
Dr. Google vs. Dr. ChatGPT: exploring the use of artificial intelligence in ophthalmology by comparing the accuracy, safety, and readability of responses to frequently asked patient questions regarding cataracts and cataract surgery	2024	Semin Ophthalmol.	Cohen ve ark. ⁷⁸	ABD
A qualitative evaluation of ChatGPT4 and PaLM2’s response to patient’s questions regarding age-related macular degeneration	2024	Diagnostics (Basel).	Muntean ve ark. ⁷⁹	Romanya
Evaluation of the accuracy and readability of ChatGPT-4 and Google Gemini in providing information on retinal detachment: a multicenter expert comparative study	2024	Int J Retina Vitreous.	Strzalkowski ve ark. ⁸⁰	Almanya
Evaluating the reliability of the responses of large language models to keratoconus-related questions	2024	Clin Exp Optom.	Kayabaşı ve ark. ⁸¹	Türkiye
Benchmarking four large language models’ performance of addressing Chinese patients’ inquiries about dry eye disease: a two-phase study	2024	Heliyon.	Shi ve ark. ⁸²	Çin
Evaluating chatbot responses to patient questions in the field of glaucoma	2024	Front Med (Lausanne).	Tan ve ark. ⁸³	Singapur
Appropriateness and readability of Google Bard and ChatGPT-3.5 generated responses for surgical treatment of glaucoma	2024	Rom J Ophthalmol.	Ichhpujani ve ark. ⁸⁴	Hindistan
Popular large language model chatbots’ accuracy, comprehensiveness, and self-awareness in answering ocular symptom queries	2023	iScience.	Pushpanathan ve ark. ⁸⁵	Singapur
Appropriateness of ophthalmology recommendations from an online chat-based artificial intelligence model	2024	Mayo Clin Proc Digit Health.	Tailor ve ark. ⁸⁶	ABD
Evaluating accuracy and reproducibility of ChatGPT responses to patient-based questions in ophthalmology: an observational study	2024	Medicine (Baltimore).	Alqudah ve ark. ⁸⁷	Ürdün
Exploring diagnostic precision and triage proficiency: a comparative study of GPT-4 and Bard in addressing common ophthalmic complaints	2024	Bioengineering (Basel).	Zandi ve ark. ⁸⁸	ABD
Comparison of ophthalmologist and large language model chatbot responses to online patient eye care questions	2023	JAMA Netw Open.	Bernstein ve ark. ⁸⁹	ABD
ChatGPT for addressing patient-centred frequently asked questions in glaucoma clinical practice	2024	Ophthalmol Glaucoma.	Wang ve ark. ⁹⁰	Avustralya
Patients with floaters: answers from virtual assistants and large language models	2024	Digit Health.	Wu ve ark. ⁹¹	ABD
Reliability and accuracy of artificial intelligence ChatGPT in providing information on ophthalmic diseases and management to patients	2024	Eye (Lond).	Cappellani ve ark. ⁹²	ABD
Benchmarking large language models’ performances for myopia care: a comparative analysis of ChatGPT-3.5, ChatGPT-4.0, and Google Bard	2023	EBioMedicine.	Lim ve ark. ⁹³	Singapore
A performance evaluation of large language models in keratoconus: a comparative study of ChatGPT-3.5, ChatGPT-4.0, Gemini, Copilot, Chatsonic, and Perplexity	2024	J Clin Med.	Reyhan ve ark. ⁹⁴	Türkiye
Eğitim uygulamalar				
Accuracy of large language models in answering ophthalmology board-style questions: a meta-analysis	2024	Asia Pac J Ophthalmol.	Wu ve ark. ⁵⁵	ABD
North East Trainee Research in Ophthalmology Network (NETriON). Comparative analysis of large language models in the Royal College of Ophthalmologists fellowship exams	2023	Eye (Lond).	Raimondi ve ark. ⁵⁶	Birleşik Krallık
Performance of ChatGPT in board examinations for specialists in the Japanese Ophthalmology Society	2023	Cureus.	Sakai ve ark. ⁵⁷	Japonya
Performance of ChatGPT and Bard on the official part 1 FRCOPhth practice questions	2024	Br J Ophthalmol.	Fowler ve ark. ⁵⁸	Birleşik Krallık
ChatGPT and the German board examination for ophthalmology: an evaluation	2024	Ophthalmologie.	Yaıcı ve ark. ⁵⁹	Almanya
Influence of model evolution and system roles on ChatGPT’s performance in Chinese medical licensing exams: comparative study	2024	JMIR Med Educ.	Ming ve ark. ⁶⁰	Çin
Gemini AI vs. ChatGPT: a comprehensive examination alongside ophthalmology residents in medical knowledge	2024	Graefes Arch Clin Exp Ophthalmol.	Bahir ve ark. ⁶¹	İsrail
Comparison of Gemini advanced and ChatGPT 4.0’s performances on the ophthalmology resident ophthalmic knowledge assessment program (OKAP) examination review question banks	2024	Cureus.	Gill ve ark. ⁶²	ABD
Capabilities of GPT-4 in ophthalmology: an analysis of model entropy and progress towards human-level medical question answering	2024	Br J Ophthalmol.	Antaki ve ark. ⁶³	Birleşik Krallık
Evaluating the performance of ChatGPT in ophthalmology: an analysis of its successes and shortcomings	2023	Ophthalmol Sci.	Antaki ve ark. ⁶⁴	Kanada
The use of large language models to generate education materials about uveitis	2024	Ophthalmol Retina.	Kianian ve ark. ⁶⁵	ABD
Large language models: a new frontier in paediatric cataract patient education	2024	Br J Ophthalmol.	Dihan ve ark. ⁶⁶	ABD
Using large language models to generate educational materials on childhood glaucoma	2024	Am J Ophthalmol.	Dihan ve ark. ⁶⁷	ABD
Advancing patient education in idiopathic intracranial hypertension: the promise of large language models	2025	Neurol Clin Pract.	Dihan ve ark. ⁶⁸	ABD
Development and evaluation of aeyeconsult: a novel ophthalmology chatbot leveraging verified textbook knowledge and GPT-4	2024	J Surg Educ.	Singer ve ark. ⁶⁹	ABD
Large language model (LLM)-driven chatbots for neuro-ophthalmic medical education	2024	Eye (Lond).	Waisberg ve ark. ⁷⁰	Birleşik Krallık
Exploring the role of ChatGPT-4, BingAI, and Gemini as virtual consultants to educate families about retinopathy of prematurity	2024	Children (Basel).	Durmaz Engin ve ark. ⁷¹	Türkiye
Prompt engineering with ChatGPT3.5 and GPT4 to improve patient education on retinal diseases	2024	Can J Ophthalmol.	Jung ve ark. ⁷²	Kanada
Performance of generative large language models on ophthalmology board-style questions	2023	Am J Ophthalmol.	Cai ve ark. ⁷³	ABD
Large language models approach expert-level clinical knowledge and reasoning in ophthalmology: a head-to-head cross-sectional study	2024	PLOS Digit Health.	Thirunavukarasu ve ark. ⁷⁴	Birleşik Krallık
Medical education with large language models in ophthalmology: custom instructions and enhanced retrieval capabilities	2024	Br J Ophthalmol.	Sevgi ve ark. ⁷⁵	Birleşik Krallık
EyeGPT for patient inquiries and medical education: development and validation of an ophthalmology large language model	2024	J Med Internet Res.	Chen ve ark. ⁷⁶	Çin
Diğer uygulamalar				
Automated category and trend analysis of scientific articles on ophthalmology using large language models: development and usability study	2024	JMIR Form Res.	Raja ve ark. ⁹⁵	ABD
Use of large language models to assess the likelihood of epidemics from the content of tweets: infodemiology study	2024	J Med Internet Res.	Deiner ve ark. ⁹⁶	ABD
Leveraging weak supervision to perform named entity recognition in electronic health records progress notes to identify the ophthalmology exam	2022	Int J Med Inform.	Wang ve ark. ⁹⁷	ABD
DR-GPT: a large language model for medical report analysis of diabetic retinopathy patients	2024	PLoS One.	Jaskari ve ark. ⁹⁸	Finlandiya
ChatGPT-assisted classification of postoperative bleeding following microinvasive glaucoma surgery using electronic health record data	2024	Ophthalmol Sci.	Shaheen ve ark. ⁹⁹	ABD
Exploring the potential of code-free custom GPTs in ophthalmology: an early analysis of GPT store and user-creator guidance	2024	Ophthalmol Ther.	Aykut ve Sezenoz ¹⁰⁰	Türkiye
Effects of prompt engineering on large language model performance in response to questions on common ophthalmic conditions	2024	Taiwan J Ophthalmol.	Wu ve ark. ¹⁰¹	ABD
ChatGPT and ophthalmology: exploring its potential with discharge summaries and operative notes	2023	Semin Ophthalmol.	Singh ve ark. ¹⁰²	Hindistan
Accuracy and completeness of large language models about antibody-drug conjugates and associated ocular adverse effects	2024	Cornea.	Marshall ve ark. ¹⁰³	ABD
ABD: Amerika Birleşik Devletleri				