UP Journal of Ophthalmology
An Official Journal of Uttar Pradesh State Ophthalmological Society, UPSOS
(Northern Ophthalmological Society, NOS)

EDITORIAL
P-ISSN: 2250-1916
DOI: 10.56692/upjo.2024120301

Chat GPT in Ophthalmology: A Narrative

Shalini Mohan MS, DNB, **Ankita Singh** MS



Correspondence:
drshalinimohan@gmail.com
Dr. (Prof.) Shalini Mohan
Head Ophthalmogy
GSVM Medical College,
Kanpur

Key Words
Chat GPT
Artificial Intelligency
Research

How to Cite:
Mohan S., Singh A.
Chat GPT in
Ophthalmology:
A Narrative
UPJO 2024; 12(3):1-2

Dear Members,

It has been almost a decade since the advent of Artificial Intelligence (AI) and Deep Learning (DL) and its application in Ophthalmology. 1 AI has evolved to understand and interact with human language and release of foundation models.2 One popular example of this is chat GPT (Chat Generative Pre-trained Transformer) ,which is currently available , two popular models are January 9 "legacy" and ChatGPT Plus .3

Chat GPT may become the important part and revolutionize current practice patterns in medicine and especially in ophthalmology. Currently the potential use lies in- 4

a) Patient care: can act virtual assistant for self triage and diagnosis, along with counselling.
b) Healthcare professionals: immense information can be assessed and hence implied for management of various kind of disease.
c) Research: can be beneficial in providing new ideas, assisting in review and drafting of the manuscript.
d) Training and education: can give explanation of medical examination, translation for language understanding, improvising the learning strategies.

Every technology comes with its own pitfall, so is chat GPT as it can induce bias, due to limited incomplete data. Since few studies have found that the upgraded versions which is relatively better comes with paid subscription, country like ours will again be at crossroads in terms of economical disparity, and the basic principle of health for all will be again compromised in terms of equality.

So to sum up though chat GPT can bring a sense of empowerment to both patients and doctors, its implication and adoption should be carefully considered especially till its accuracy is more enhanced and upgraded. No doubt, AI has come to stay and evolve real world evaluation of these models are of utmost important before inculcating it in clinical practice. 5

It's a pleasure to present another issue of UP Journal of Ophthalmology that incorporates interesting original articles, review article, practice pattern in Glaucoma, several informative case reports and topic on practice pearls. I hope you all will cherish this volume and will be encouraged to contribute more to the journal that is now indexed in several prestigious platforms.

I am thankful to President Dr Vinod Rai, Secretary Dr Mohita Sharma and whole team for their uncontional support. My gratitude to my editorial team and reviewer's for working tirelessly to bring various issues at regular interval.

I congratulate whole team of Merrut ophthalmological society for bringing up three days of academic and cultural extravaganza which we all would cherish.

Happy Reading!!!!

Long Live UPSOS!!!!!!

Shalini Mohan, MS,DNB,MNAMS
Editor in Chief
Prof & Head, Ophthalmology
GSVM Medical College, Kanpur