



INTRODUCTION

This poster examines the existing literature on the potential use of chatGPT in two of the most crucial components of an IMG's application; Research writing and Personal statement.

We aim to raise awareness about the potential limitations and highlight the drawbacks associated with its growing use.

SUMMARY

ChatGPT has caused a lot of controversy since it's launch in November 2022. It has proven to perform tasks that have not been done before by previous AI language models. According to our literature review, it has:

- Passed the USMLE exam without any prior medical training or studying.
- Made its way into scientific writing, as shown by four preprint manuscripts that credit ChatGPT as a co-author.⁽¹⁾ which resulted in many scientific journals to ban including chatGPT as co-author.⁽³⁾
- Shown to generate essays and abstracts that are not detected by AI-detector tools or plagiarism detectors.^{(1) (3) (4)}

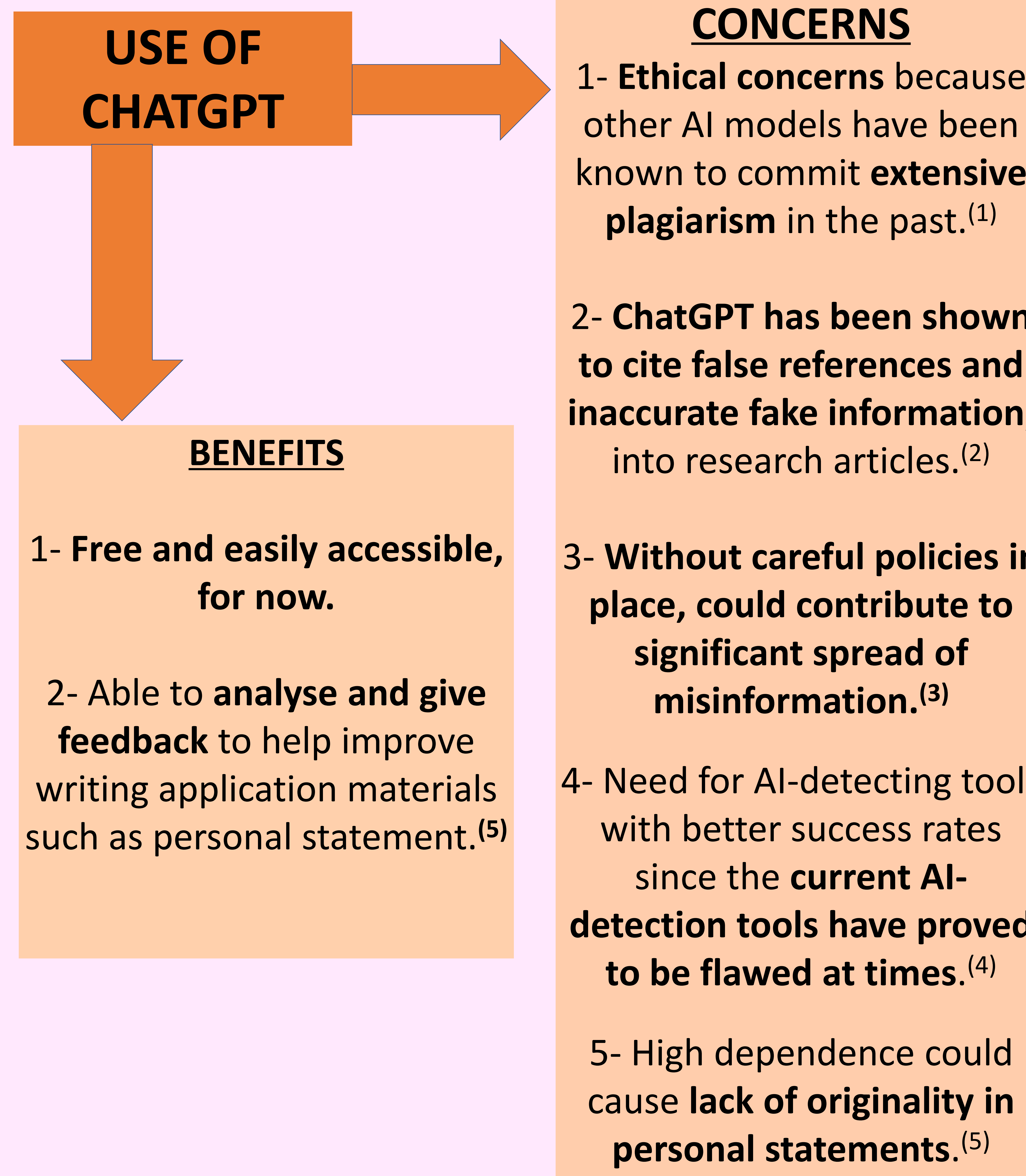
METHODS

A MEDLINE search was performed using the search words "chatGPT" "research" "international medical graduates" "US residency match" "personal statement". The literature review was done based off of the findings from 5 studies. The search was limited to articles published in the last 5 years.

RESULTS

Our literature review found that chatGPT had drafted an entire article which included abstract, introduction, methods and results when given a simulated set of data and instructions.⁽²⁾ Furthermore, it also has the capability of generating an entire personal statement.⁽⁵⁾

However, concerns regarding its use outweighed the benefits as shown in the figure below.



CONCLUSION

ChatGPT represents a new era of evolving technology. Despite its ability to generate an entire research article, it has the propensity to provide inaccurate data and include fabricated references.⁽⁵⁾

In the future, until there is an AI-output detector with a better success rate, chatGPT's widespread use is inevitable and the existing policies against it only exist on paper.⁽⁴⁾ In the meantime, it is essential to emphasize that it should be used with caution and cannot be blindly relied on, particularly when writing research articles.

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