Investigating the Impact of a Comic Book in Enhancing Cervical Cancer Education Among Adolescents in Kenya

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Background

- In 2019, **Global Oncology (GO) created a comic book and video, which describe the disease process in cervical cancer and the importance of the Human Papillomavirus (HPV) vaccine**.
- The GO comic book was distributed to over 5,000 students across twelve schools in Nigeria. A pre-post survey among 200 recipients of the comic book showed a significant increase in knowledge about cancer and cervical cancer.
- **This current research aims to investigate the impact and acceptability of comic-based educational materials on cervical cancer knowledge** in primary schools in Nairobi, Kenya, where cervical cancer is the most common cancer among women.

Methods

- This pilot study will employ a **mixed-methods study design to assess the impact of the GO comic book** using pre-post surveys, focus group discussions, and qualitative interviews.
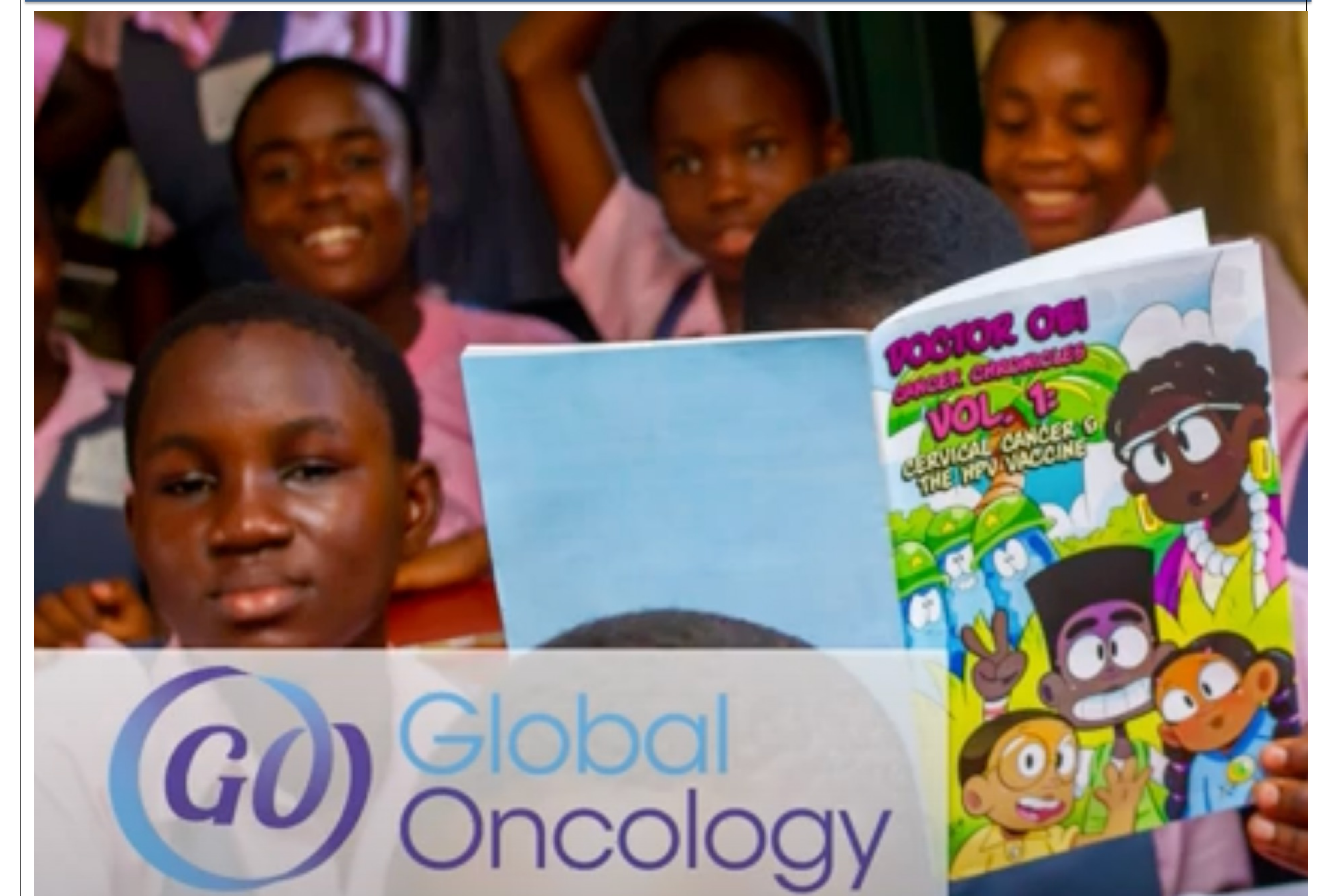- The study will be conducted in three phases, as follows:

July 2022: Relationship building in Kenya → **April 2023:** GO comic book distribution and pre-post surveys → **July 2022:** Post-post survey to assess knowledge retention

Community Partner

- **Global Oncology is an NGO whose mission is to bring the best cancer care to underserved patients around the world**. Program areas include developing culturally-appropriate patient education tools in Nigeria and establishing a care navigation program in Belize.

Conclusion

- The pilot distribution and study of the GO comic materials **will provide insights into the current level of knowledge** among adolescent girls in Nairobi.
- The comic materials also **have the potential to create models for increasing knowledge about other diseases**.

Acknowledgments