

Title: Improving The Uptake of TAVR In Ontario

[1]Abimbola K. Saka
University of Toronto, 27 King's College Cir, Toronto, ON M5S

The ***objectives*** of this research are: to determine which hospitals are not performing TAVR as often as SAVR, and why? And to develop strategies/interventions to promote the use of TAVR. The ***research question*** for this study is: In Hospitals where alternative interventions are used more frequently than TAVR, can the understanding the decision-making behind choosing SAVR over TAVR help to develop a better uptake (implementation) strategy?

The ***study design*** will consist of focus group interviews. ***Phase one*** will involve a series of four to five focus group interviews of a select respondent of eligible physicians recruited through the survey. The student principal investigator will conduct the interview, and each focus group will consist of five eligible participants. The entire process- inclusive of obtaining consent and the focus group interview will last 30-45 minutes each.
Phase two will involve ideation and a co-creation session to develop strategies to address the barriers identified in ***phase one*** of the study. In this ***phase,*** the approach developed will then be tested amongst the stakeholders. The interview/focus group will be audio-recorded and transcribed for analysis by the research team. We employed the Toronto Translational Thinking Framework to ensure the research design is patient-centered.

We hope this research will contribute to the understanding of the dissemination, implementation, and adoption of new standards of care. It will provide insights into the development and implementation of possible interventions to expedite the adoption of new practices, and improve the rate of TAVR over SAVR in Ontario- **to lower the risk of complications** for high-risk patients with severe aortic stenosis.

Bibliography
Abimbola Saka is ECFMG certified medical doctor enrolled in the MHSc- Translational Research Program at the University of Toronto's Faculty of Medicine. Abimbola is passionate about enhancing care through a patient-centered approach— by involving patients in the decision making processes about their health. Abimbola is an aspiring cardiologist with a research interest in cardiovascular health**.**

Presenting author details
Full name: [1]Abimbola Kolade Saka
Email ID: Abimbola.saka@mail.utoronto.ca
Contact number:+16143022993
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