

## OP120 Developing A Call To Action For Patient Involvement In Health Technology Assessment (HTA) In Southern Africa

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**Introduction:** In building health technology assessment (HTA) and related decision processes in Southern Africa, institutions and stakeholders face region-specific challenges such as disease prevalence and population makeup. These can be addressed by collaboratively discussing patient engagement solutions that fit the local culture and systems and serve to ensure equitable and sustainable access to patient-relevant health technologies. Our aim is to initiate a collaboration for driving patient involvement (PI) suitable for the Southern African context and Sub-Saharan patient communities. In addition, we explore current experiences in PI, including the stakeholder expectations, gaps, limitations, and new opportunities.

**Methods:** A one-day hybrid multi-stakeholder PI in HTA workshop was held in Johannesburg, South Africa. Co-created by the participants, the outputs are a call to action and a concept draft for the vital success criteria for PI in the region. The content of the call to action is gathered from pre-workshop surveys, interviews, and outcomes from historic meetings held in conjunction with the Health Technology Assessment International (HTAi) PI workstream as well as facilitated discussion from the actual workshop.

**Results:** The workshop was attended by 42 participants from nine countries, representing diverse stakeholder groups. The attendees represented multiple PI stakeholder groups. The workshop survey was completed by 44 respondents, while 12 participants completed the post-event survey. A workshop outcomes document highlighting a high level of alignment and identifying seven key success factors was developed. A workshop proceeding detailing the outcomes is now being drafted.

**Conclusions:** Over 95 percent of respondents to pre-and post-surveys indicated an interest in contributing to a more in-depth description of PI in their country. While the majority of participants were from South Africa, participants from Tanzania, Ethiopia, Zambia, and Zimbabwe emphasized that trans-African-engagement for HTA will provide an additional opportunity for HTA in Africa and patient and community participation in HTA and healthcare decision-making. Hence, a collaborative platform could help all African countries to advance and benefit from improved healthcare decision processes.

## OP121 Cost-Utility Analysis Of A Supervised Exercise Intervention For Women With Early-Stage Endometrial Cancer

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**Introduction:** Cardiovascular disease (CVD) is the leading cause of death in women diagnosed with endometrial cancer. There is clinical evidence that exercise significantly reduces the risks of CVD and cancer recurrence; however, it is unclear whether there is value for money in integrating exercise into clinical cancer care for this population. This paper aimed to assess the long-term cost effectiveness of a 12-week supervised exercise intervention, compared with standard care, for women diagnosed with early-stage endometrial cancer.

**Methods:** A cost-utility analysis was conducted from the Australian health system perspective for a time horizon of five years using a five percent discount rate. A Markov cohort model was designed with six mutually exclusive health states: no CVD; post-stroke; post-coronary heart diseases; post-heart failure; post-cancer recurrence; and death. The model was populated from the best evidence available in the literature. The incremental cost-effectiveness ratio (ICER) and net monetary benefit were reported. Uncertainty in the results was explored using deterministic and probabilistic sensitivity analyses.

**Results:** Over the time horizon of five years, the incremental cost of supervised exercise versus standard care was AUD358 (USD236.74) and the incremental quality-adjusted life-year (QALY) was 0.079, resulting in an ICER of AUD5,148 (USD3,404) per QALY gained. The incremental net monetary benefit was AUD3,589 (USD2,373.24) and the likelihood that the supervised exercise intervention was cost effective at a willingness-to-pay threshold of AUD50,000 (USD33,062.75) per QALY was 99.5 percent.

**Conclusions:** This is the first economic evaluation of exercise for endometrial cancer survivors. The results suggest that exercise is cost effective in this population. Given the low uncertainty in the outcomes, efforts should focus on implementation of exercise as part of clinical cancer care.

## OP122 Economic Evidence To Support Expanding Use Of Existing Positron Emission Tomography Technology As A Diagnostic Tool For High-Risk Cancer Patients

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