

EXPLORING THE EFFECTIVENESS OF ANIMATION TRAINING VIDEOS FOR COMPETENCY-BASED LEARNING



Towards a More Resilient Veterinary Workforce for Africa 2024

Continental Conference 26 – 28 November 2024 Nairobi, Kenya

Animal health is our health. It's everyone's health



BILL & MELINDA
GATES foundation

Dr Vincent Oloo-Brooke EA.

Date: November 26-28th .Nairobi, Kenya.



Who are we?

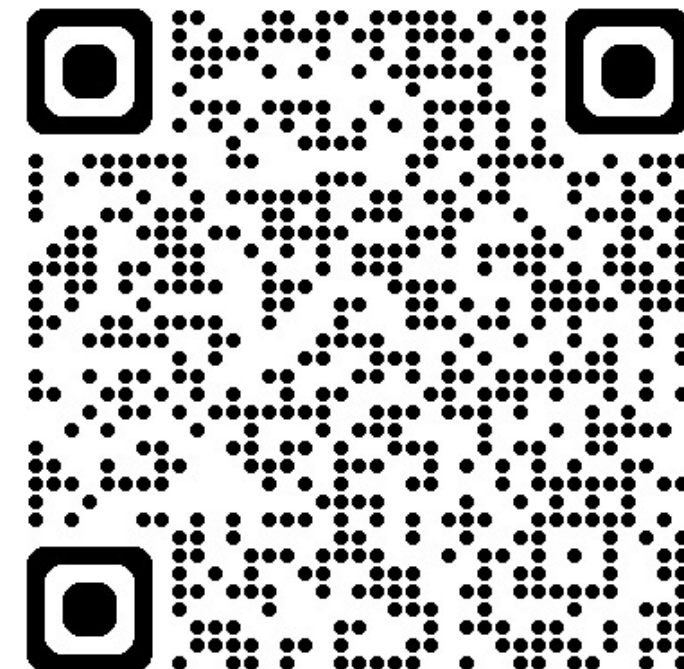
❖ Brooke is a UK based international equine charity, which focuses on the welfare and care of donkeys, horses and mules.

❖ It was started in 1934 by Dorothy Brooke

❖ Brooke Works across Africa, Asia, Middle East, Central America

❖ Brooke East Africa is an affiliate of Brooke UK -2012 in Kenya

❖ Web: www.thebrooke.org Email: Brookeea@thebrooke.org



Strengthening Existing Animal Health Systems.

- VPPs Development- Capacity Building of Both Government and Private (AHSP)
- Mentoring programmes of practising government and private vets and paravets (Animal Health Mentoring Framework)- Development of Animation videos
- Supporting Animal health training institutions to factor in animal welfare in their curriculum/trainings.
- supporting curriculum development and delivery- training materials, clinical labs (LTI-Griftu-wajir).



Background of Study

- ❖ Brooke EA has always built the capacity of AHSP to bridge the gap in training on equine welfare and medicine.
- ❖ Covid-19 times and the lock down, necessiated the use of telemedicine.
- ❖ Need for use of telephone technology to reach more animal health service proviers to reach more working directly with equids.
- ❖ Lack of audio-visual training aids/Materials to support the training of animal health service providers.

Study aims

- Creating audio-visual training aids that do not risk the welfare of working equid.
- The aim was to establish whether utilisation of animation videos could improve the knowledge and skills of practising Animal Health Service providers.

Study Area.

- Kitui and Nakuru
- Due to differences in their ecological zones.
- The availability of the AHSP in these areas.

Methodology.

❖ Development of the animation videos on the 4 identified areas.

- Equine Handling and restraint.
- Full clinical Exam
- Intramuscular Injection
- Intra-venous Injections.

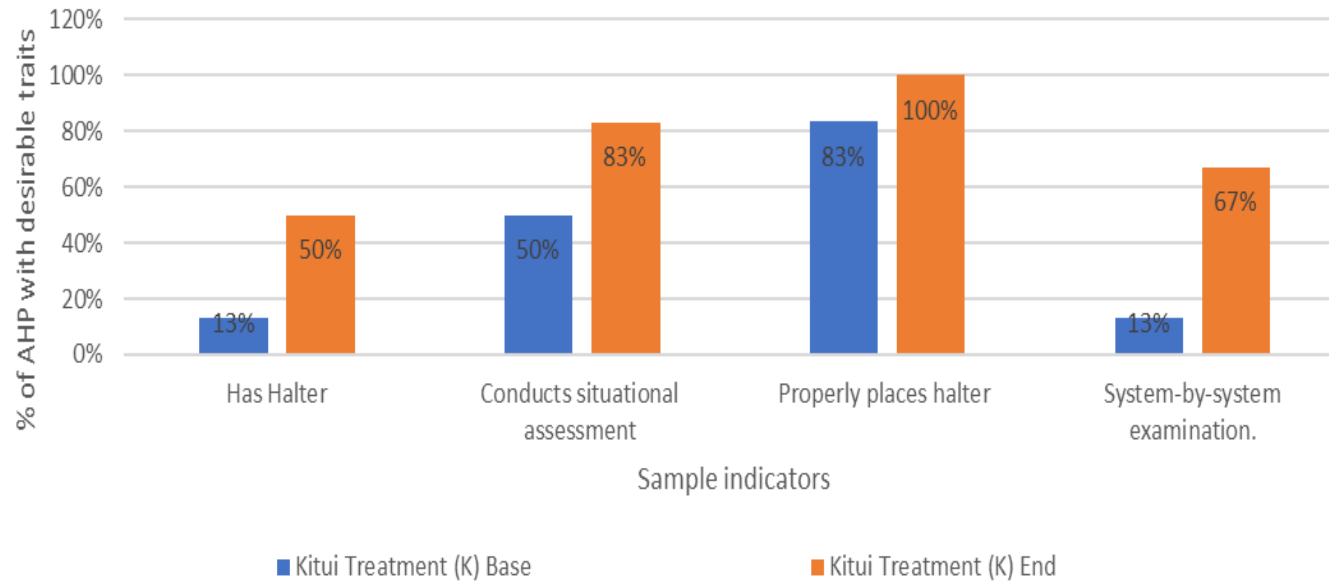


❖ The videos were taken out to the AHSP for viewing for 4 weeks-(Treatment and control for each of the areas of Kitui and Nakuru)

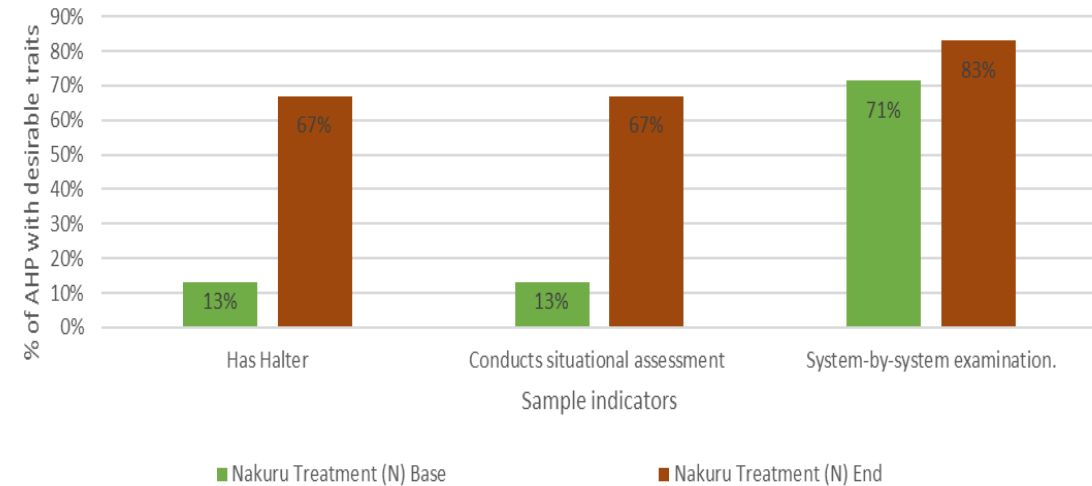
❖ 10 AHSPs for each area and treatment and control

Results and Impact.

Performance of sample indicators in Kitui at Baseline Vs Endterm

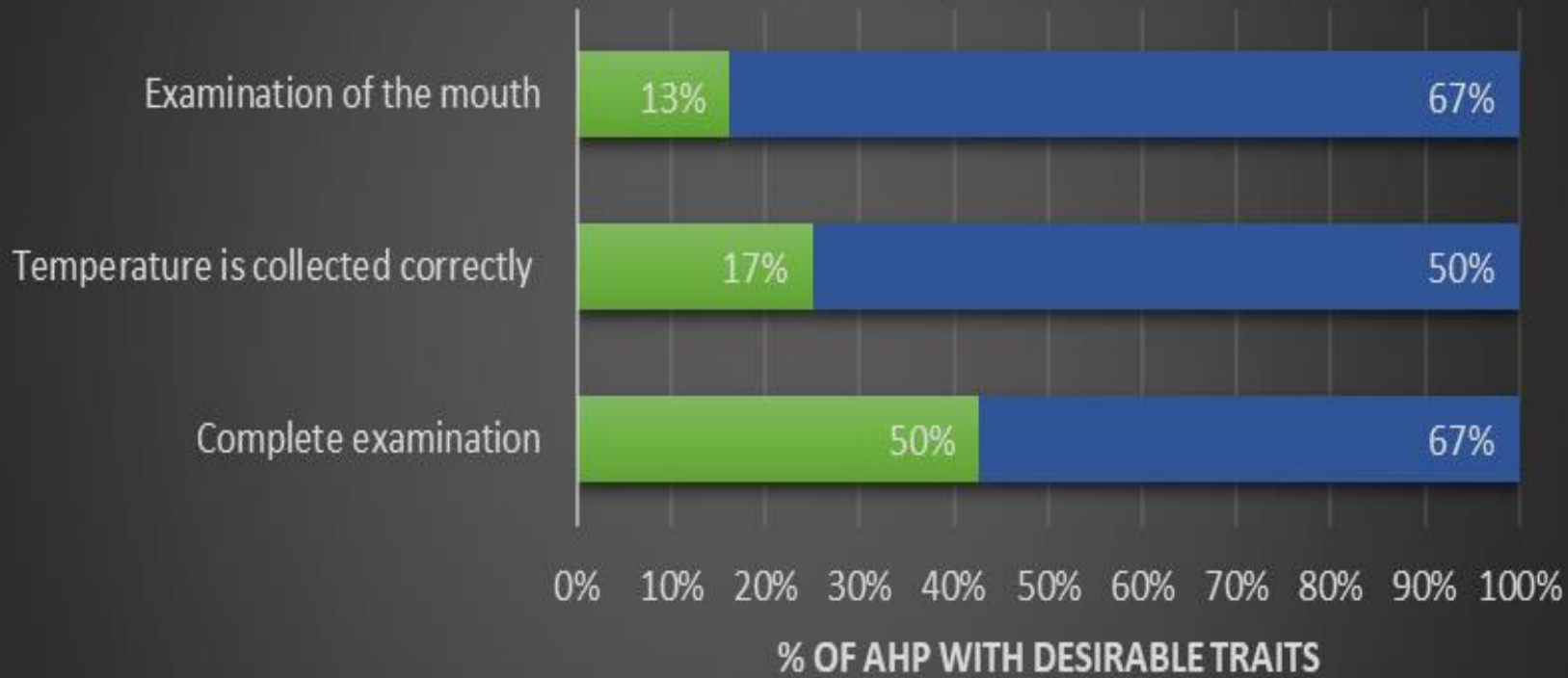


Performance of sample indicators in Nakuru at Baseline Vs Endterm



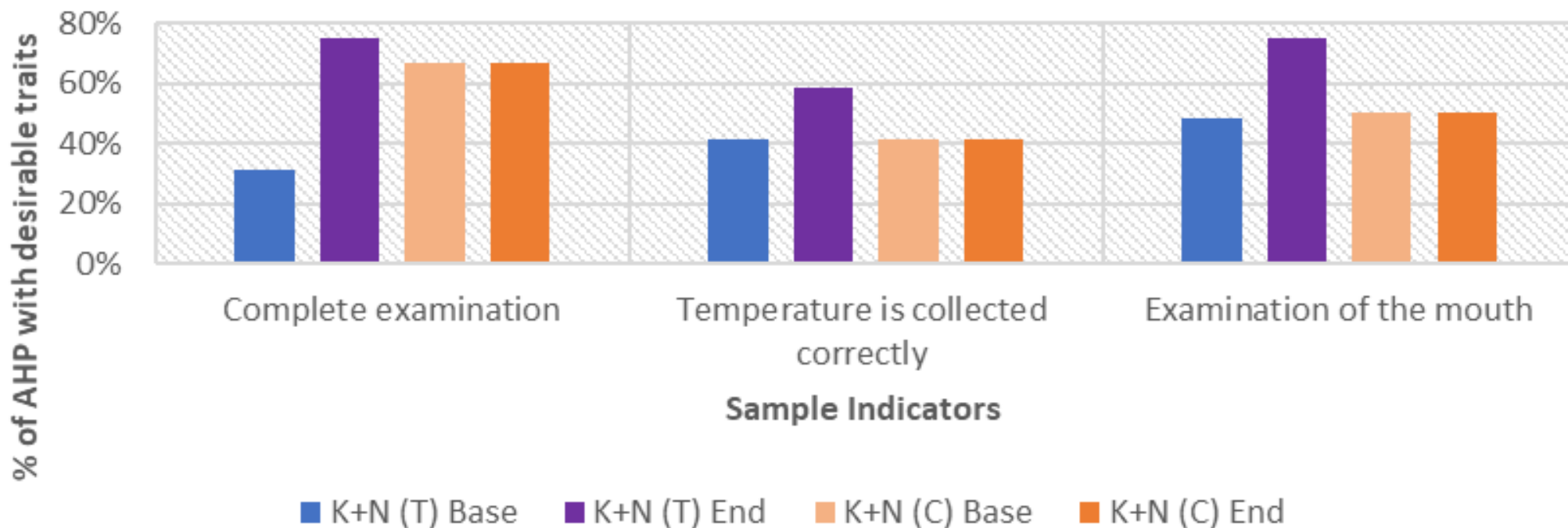
Performance of sample indicators in Nakuru treatment group at Baseline Vs Endterm

SAMPLE INDICATORS

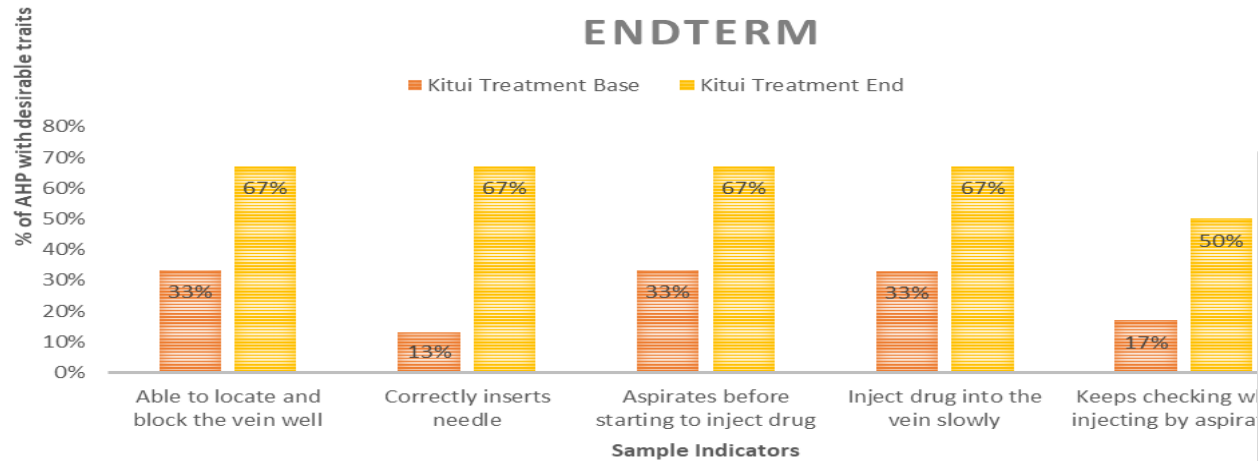


■ Nakuru Treatment (N) Base ■ Nakuru Treatment (N) End

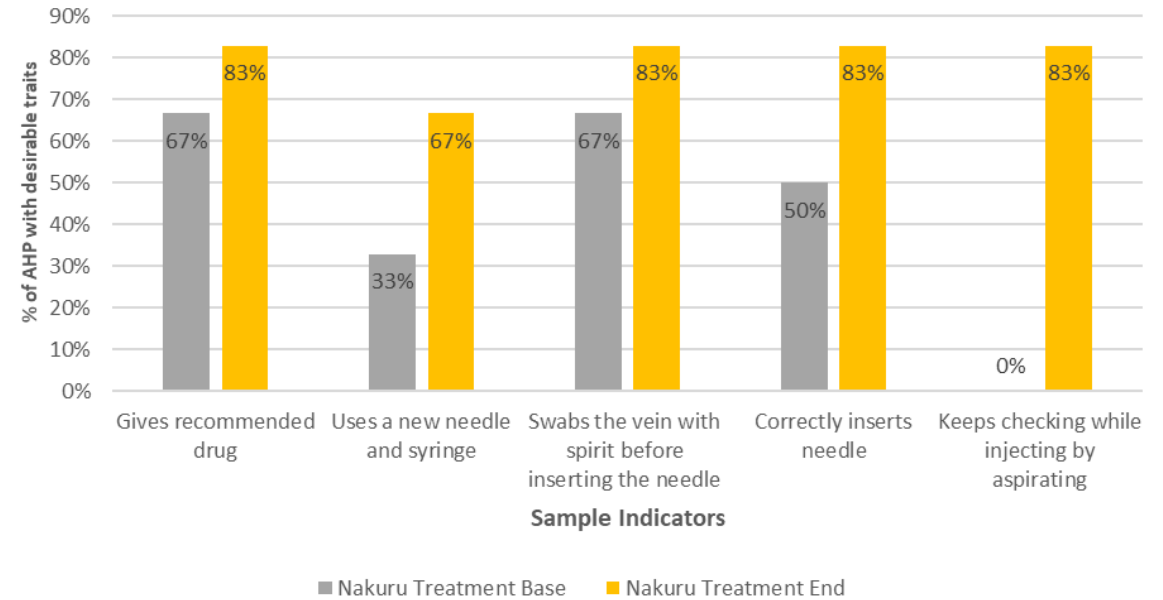
Comparison Performance of sample indicators of the treatment & control groups at Baseline Vs Endterm



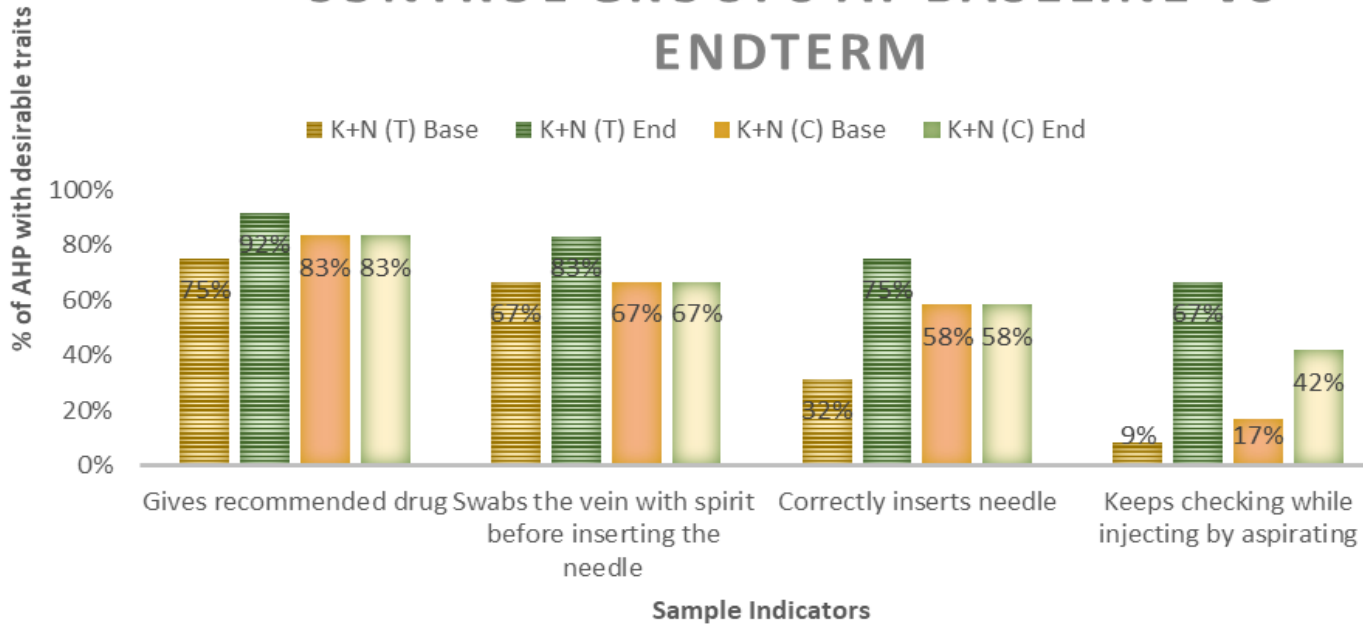
COMPARISON PERFORMANCE OF SAMPLE INDICATORS IN KITUI COUNTY OF THE TREATMENT GROUP AT BASELINE VS ENDTERM



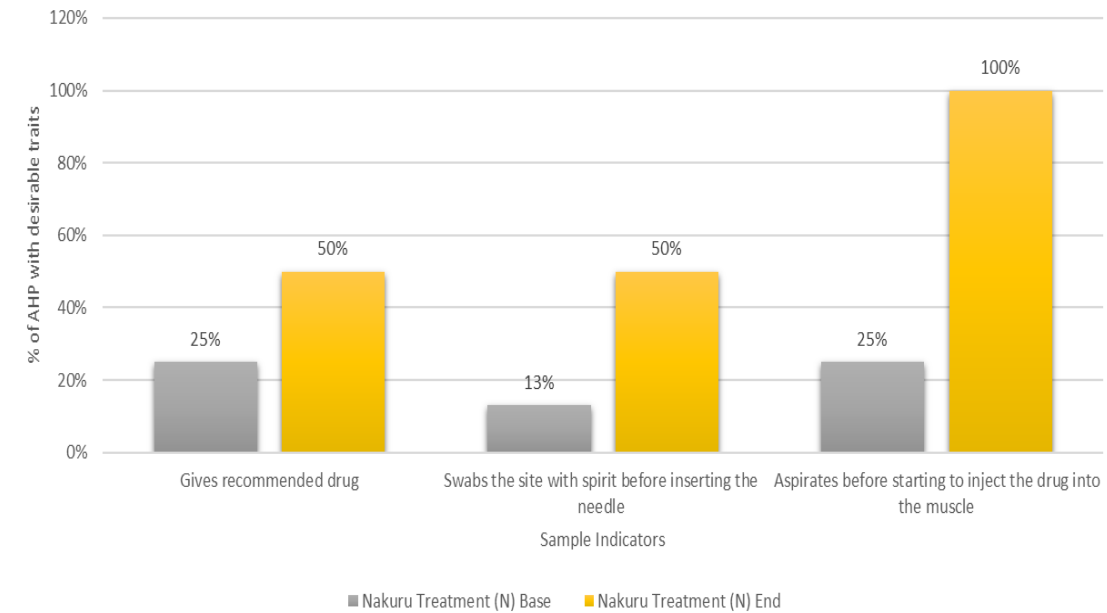
Performance Comparison of sample in Nakuru Treatment group at Baseline Vs Endterm



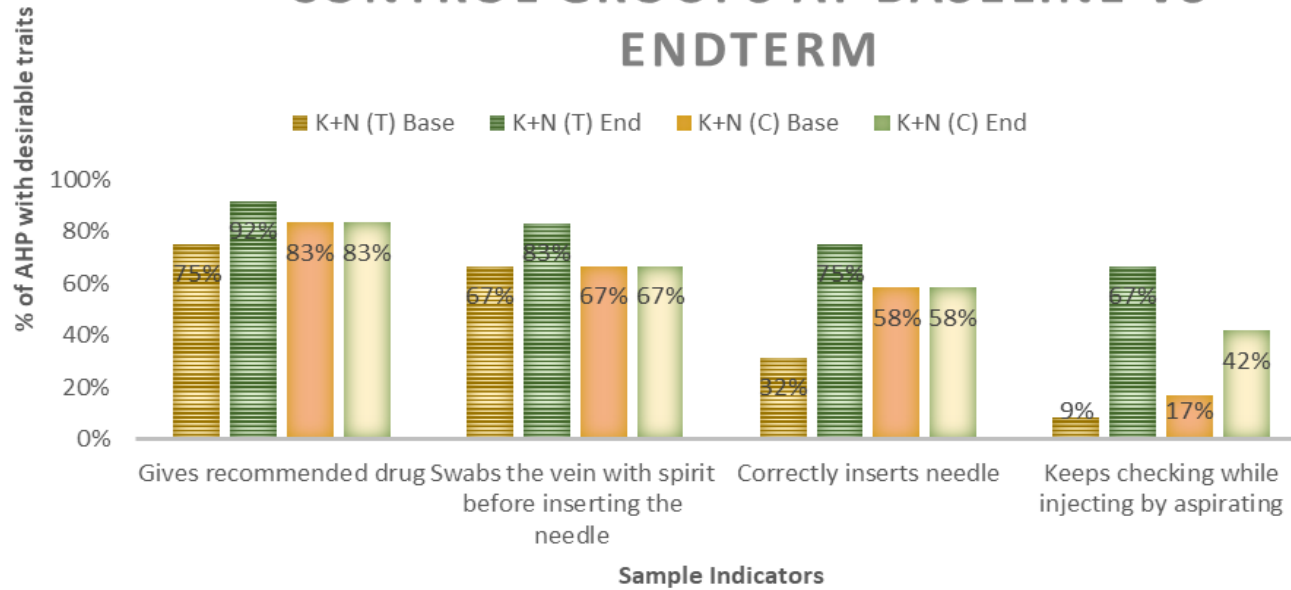
COMPARISON PERFORMANCE OF SAMPLE INDICATORS OF THE TREATMENT & CONTROL GROUPS AT BASELINE VS ENDTERM



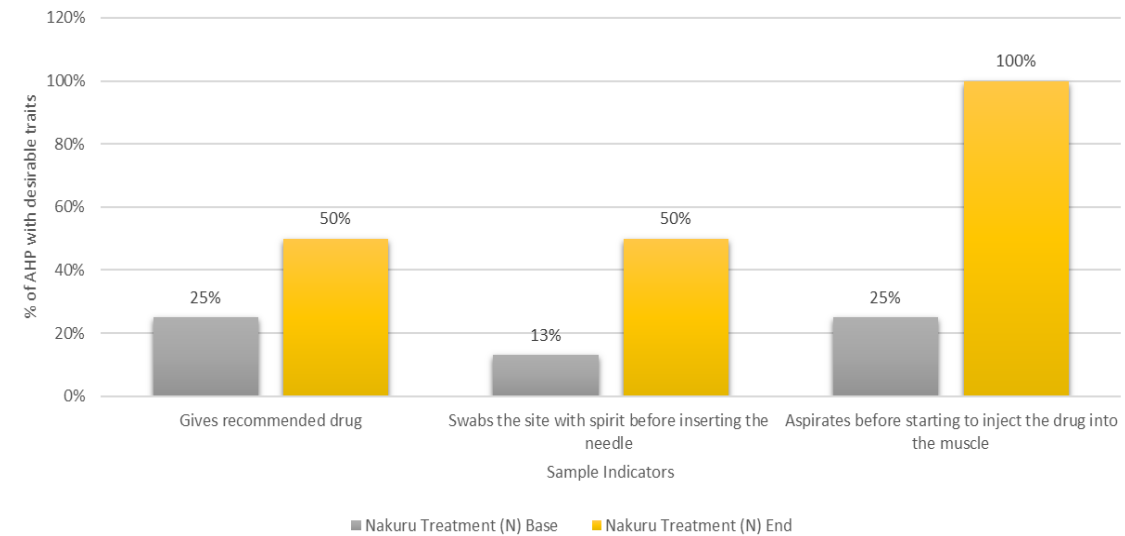
Comparison Performance of sample IM indicators at Nakuru treatment at Baseline Vs Endterm



COMPARISON PERFORMANCE OF SAMPLE INDICATORS OF THE TREATMENT & CONTROL GROUPS AT BASELINE VS ENDTERM



Comparison Performance of sample IM indicators at Nakuru treatment at Baseline Vs Endterm



Conclusion and Recommendations

- It is evident that the animation videos significantly enhanced AHPs skills and practice across the piloted areas.
- The intervention has proven to be not only relevant, effective, and coherent but also efficient, sustainable, and impactful.
- We recommend the devp of more appropriate animation videos to support training of VPPs.

Thank You For Listening

