

A photograph of three donkeys standing in a row in a green field. The donkeys are brown and grey, looking towards the right. The background is a vast green field under a cloudy sky. The image is framed by orange geometric shapes at the top and bottom right.

STRENGTHENING FRONTLINE ANIMAL HEALTH: Building Veterinary Paraprofessional competencies

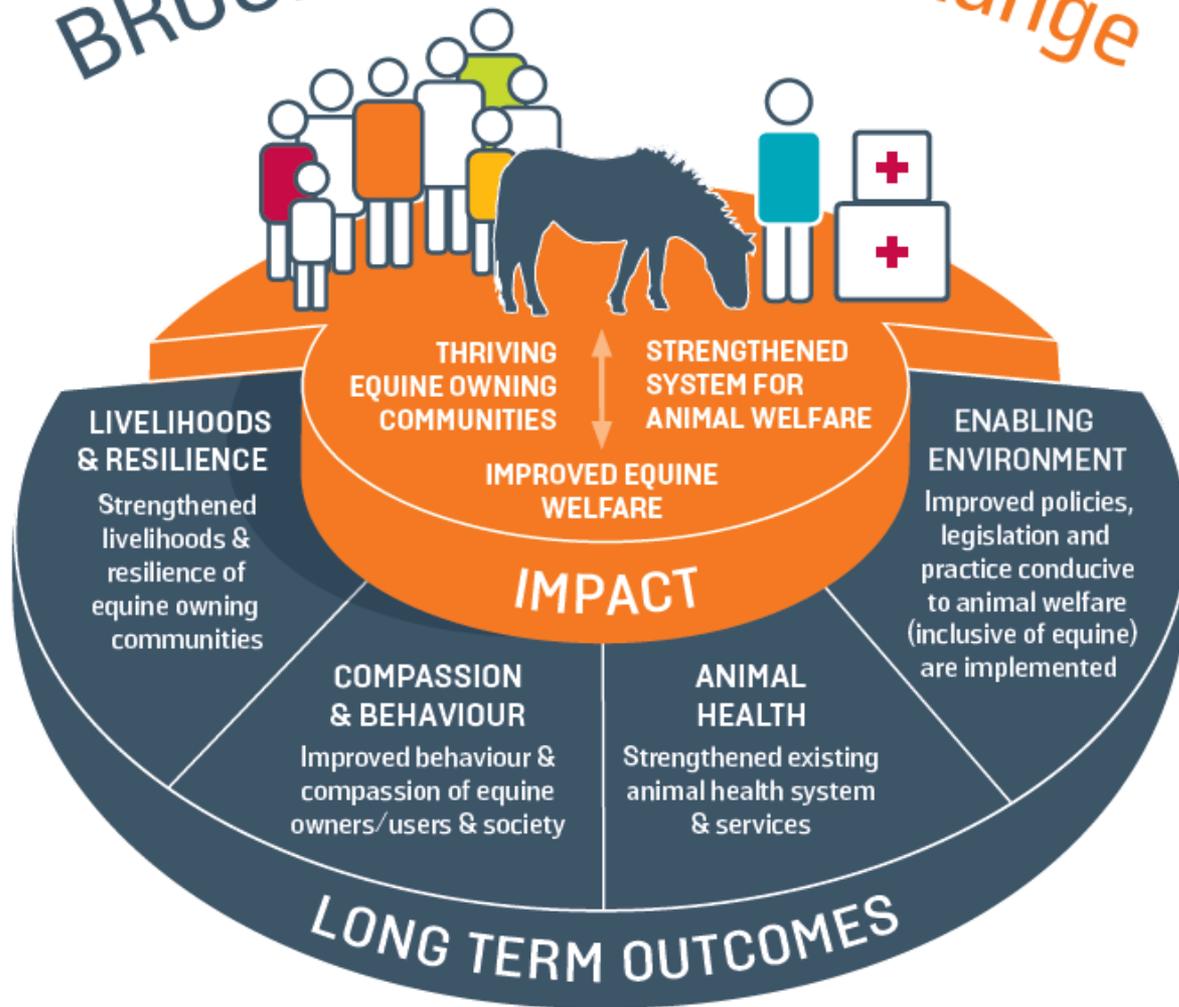
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Brooke Action for Working Horses
and Donkeys

Brooke Action for Working Horses and Donkeys



- International animal health and welfare organisation
- 1.8 million animals through more than 4000 Vets and Para-Vets
- Africa, Asia, Middle East and Latin America
- Staff include Veterinarians, Advocacy and Development specialists

BROOKE / Theory of Change



Veterinary Paraprofessionals (VPP)



- Primary animal health providers
- Provide a range of services in animal health, veterinary public health and laboratory diagnosis
- Variable levels of regulation and training (2 weeks- 2 years)
- 98% of OIE member countries (Africa region) highlighted need for VPP training opportunities

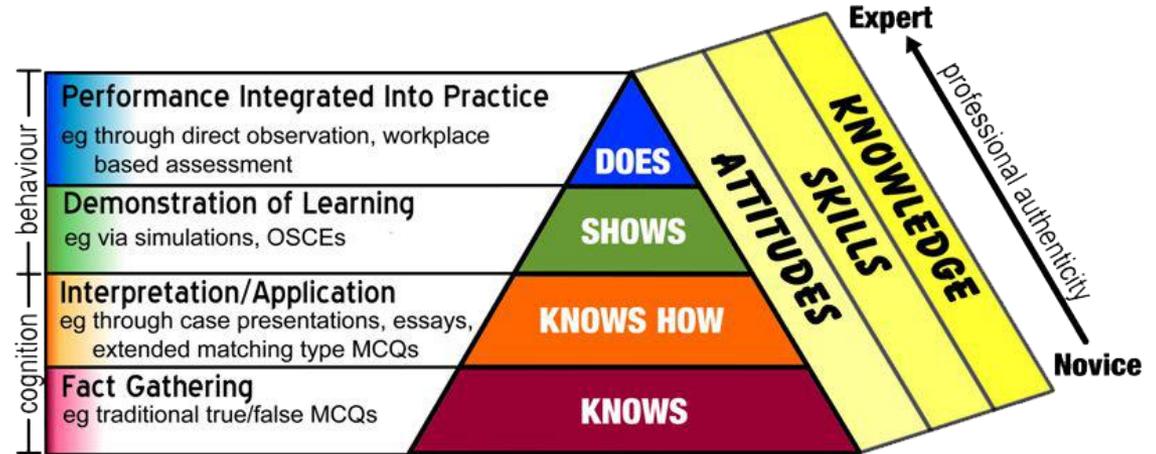


Supporting VPP competencies



MILLER'S PRISM OF CLINICAL COMPETENCE (aka Miller's Pyramid)

it is only in the "does" triangle that the doctor truly performs



Based on work by Miller GE, *The Assessment of Clinical Skills/Competence/Performance*; Acad. Med. 1990; 65(9): 63-67
Adapted by Drs. R. Mehay & R. Burns, UK (Jan 2009)

VPP essential competencies

- Animal Welfare Advocate
- Communicator
- Clinical Expert
- Kit content/maintenance
- Biosecurity



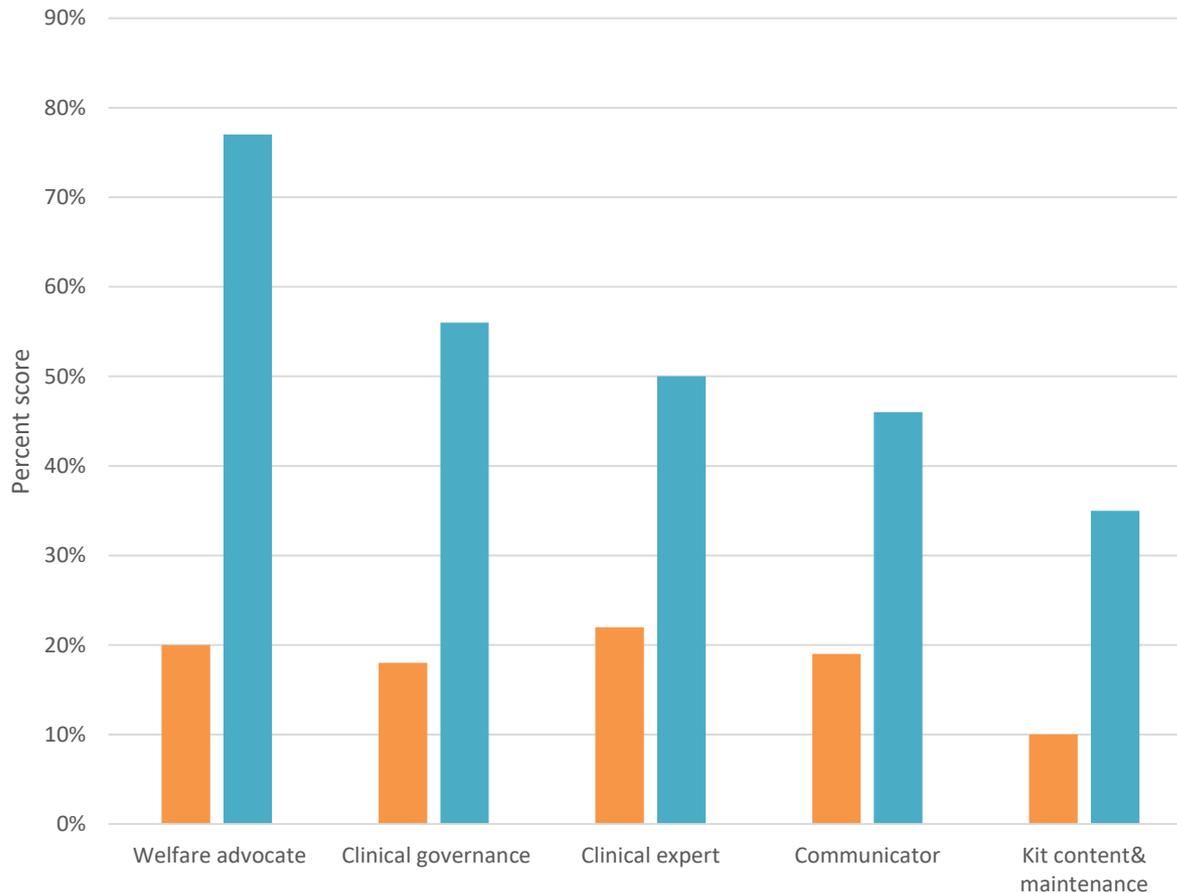
Brooke East Africa

- 17 Kenyan counties, expanding to Tanzania from July 2019
- Mentor: 6 Trained Vets
- Mentee: 25 Veterinary Surgeons and 95 Veterinary Paraprofessionals
- Minimum no. of mentoring visits: 1 every 4 months



Mentoring Results

Veterinary Paraprofessional mentoring 2017-18



- 35% average improvement across all competencies in 1 year
- Biosecurity practices improved by 38%
- Essential medicines and equipment use/storage improved by 25%

Looking at the wider health system

- AHMF data also gives us information on more than the individual
- Brooke East Africa AHMF data highlighted that over **90% of paravets did not have pain relief** in their kits
- Targeted intervention in partnership with Sidai to build demand for pain relief with farmers and paravets, in conjunction with sustainable supply chain of ketoprofen
- Kenyan government using mentoring approach to strengthen their veterinary internship programme
- AHMF data can provide evidence for lobbying governments to drive policy change



sidai
TUNZA MIFUGO YAKO


BROOKE
ACTION FOR WORKING
HORSES AND DONKEYS




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ACTION FOR WORKING
HORSES AND DONKEYS

Conclusions



- VPP are essential members of the One Health community
- Addressing VPP regulation and training is critical to One Health
- Brookes Animal Health Mentoring builds confident and competent animal healthcare practitioners

Find out more:

www.thebrooke.org

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