

**Connected to**

... REPRODUCTION BIOTECHNOLOGIES

NEW

# $\alpha$ lpha VISION

## VIDEO-ASSISTED INSEMINATION SYSTEM

### BEFORE INSEMINATION

- Check the involution of the cervix and quality of cervical mucus to determine if the female is fit to be inseminated
- Allow timely diagnosis of potential reproductive issues (i.e. metritis)
- Record animal identification and images for tracking or analysis

### DURING INSEMINATION

- Facilitate insemination in difficult-to-breed females
- Improve animal well-being by reducing trauma to the reproductive tract
- Reduce technician arm fatigue and animal discomfort by decreasing duration of rectal palpation

### AFTER INSEMINATION

- Confirm quality of insemination
- Access recorded data and images for monitoring and traceability
- Share data for veterinary diagnostics or technician training

- **Efficiency**

Improve pregnancy rate by better selection of females

- **Comfort**

Improve the well-being of the animal and user

- **Knowledge**

Make better decisions



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