

# Gynecological exam simulator for diagnosing bovine estrous cycle



Enovise

Livestock  
production

## Description

This technology refers to a gynecological exam simulator for diagnosing bovine estrous cycle. It mimics the sensory and psychological conditions that a veterinarian experiences in performing a bovine gynecological examination for the diagnosis of the estrous cycle by rectal palpation in a real female bovine. Additionally, it records and stores the pressure exerted by the user when touching a real bovine ovary, providing feedback in real time.

## Application

The simulators in the area of veterinary medicine have been created to preserve patient safety at the time of providing quality education to students and improving their skills in clinical management. This simulator has been developed to prevent millions of animals slaughtered in surgical procedures around the world.

## Stage of development

Prototype tested at laboratory scale.

## IP status

Patent applications  
No. MX/a/2013/005006 and  
No. PCT/MX2014/000067.

## Inventors

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## Market potential

Veterinary simulators can support training in new techniques, clinical and surgical procedures, avoiding the risk of animal death.

## Transferring conditions

- ✓ Technological development agreement (optional).
- ✓ Licensing (may include front payment and royalties)



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