

## Equine Dystocia Simulator

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Product code: MZ04022



The advanced, multifunctional, full size **mare birth simulator** (dystocia - severe childbirth) with the possibility of learning and training in nasogastric intubation, intravenous injections on the cervical vessels and intramuscular injections. **The veterinary simulator** is modeled on a typical Quarter Horse mare. Horses of this breed are characterized by a square, muscular figure and a short, wedge-shaped head - tapering wedge-shaped towards the bottom. The structure of the **mare anatomical model** is reinforced with epoxy steel/fiberglass and has a waterproof coating for easy cleaning.

### Mare Veterinary Simulator Specification:

- Modeled as a standard 15 hand Quarter Horse
- Steel reinforced epoxy/fibreglass construction with water resistant components for ease of cleaning
- 1.36m at the shoulder and 2.44m from nose to tail. Widest point is 0.8m
- Inflatable foal air bed support system
- Clear vinyl uterine bag
- Soft durable birthing perineum panel
- Replica pelvis
- Padded fetal extractor, obstetric chain, head snare and landing mat
- Comes standard in brown
- Custom markings available upon request

**Dystocia Training:** Students will gain confidence and develop familiarity with foal positioning and palpation. 34kg (75lbs) birthing foal size

- Rectal palpation • Durable, flexible and easy to clean skin
- Compatible with the equine uterus set for artificial insemination training upgrade kit and palpation of multi stage ovaries
- Realistic in size and aesthetically pleasing

### Module of nasogastric intubation and jugular vein injections and intramuscular injections:

- The module can be ordered and used as a separate simulation unit without the delivery panel.
- IV injection place with palpable veins that can withstand repeated punctures (20 or 22 gauge needle - recommended for simulation)
- Easily replaceable, durable latex venous tubing suitable for multiple punctures: set includes 5 sets of veins



- The mechanical system of increasing pressure allows for obtaining appropriate tension of the vessel in order to collect blood
- Durable, easy to remove, washable, replaceable skin with mane
- The place enabling intramuscular injections is adapted to multiple punctures and to accept injections with liquids
- Rolling Stand, adjustable for height, rostral tilt, and 90 degree rotation

#### REPLACEABLE PARTS:

- Birthing Perineum Panel
- Palpation Panel and Equine Uterus Set
- Standard Tail
- Uterine Bag
- Foal
- Veins
- Blood
- Neck Hide

#### UPGRADEABLE PARTS:

- Artificial Insemination techniques can be practiced with the purchase of the Palpation Panel With Equine Theriogenology Uterus Set. Equine uterus set includes interchangeable ovaries.

#### The animal models and veterinary simulators in the OpenMedis offer?

The **simulation in veterinary** medicine is a dynamically developing field of education. OpenMedis is a manufacturer and distributor of advanced **veterinary simulators** and **animal anatomical models**, which are ideal equipment for a veterinary laboratory (skills lab - clinical skills). The **veterinary simulators** enable the acquisition of practical skills in various procedures performed on real animals. The use of **veterinary simulators, animal trainers, anatomical models** and **animal phantoms** in the teaching process reduces the distance between theory and practice and reduces students' stress related to carrying out a given procedure on a living organism. The **animal simulators** are the future of veterinary medicine. Thanks to **veterinary simulators**, it is possible to train specific practical skills before going to work with real animals, which also increases the comfort of patients themselves and contributes to maintaining animal welfare. Our offer includes, among others, procedural **veterinary phantoms**, such as a **simulator for cattle insemination**, a **trainer for learning pig insemination**, a **cow dystocia simulator** or a **horse colic model**. Our offer also includes **animal models** for learning anatomy, e.g. a 15-piece cow model, a 16-piece mare model or a pig model made of 20 parts. In addition to farm animal simulators, our assortment also includes models and phantoms of pets, enabling e.g. training in CPR or injections in dogs and cats. Another modern solution is a **virtual platform for learning veterinary anatomy**, which will work well in any teaching facility (such as the University of Life Sciences) as equipment for a veterinary and zootechnical laboratory.