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# MED DIMENSIONS

## Veterinary Education Catalog



Med Dimensions, LLC. || 30 Vantage Point Dr Suite 1, Rochester, NY 14624

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## Overview

Founded in 2019, Med Dimensions believes that educating the next generation of veterinarians is crucial to the overall health of our pets and animals. "See one, do one, teach one" provides real experience for students and new clinicians, but can be a slow process and limits exposure.

Med Dimensions takes real anatomy and pathology and transforms it into three dimensional solutions for any type of procedure and any specialty.

Bones, intubation trainers, cricothyrotomies, and anything in between, Med Dimensions has the solution for you.

## Goals

*When students use a Med Dimensions model they will:*

1. Reduce uncertainties in medical procedures
2. Have an increased confidence in their abilities to perform techniques and procedures
3. Experience realistic and immersive training that closely mimics real-life situations

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# Canine Forelimb Bones



## General Specifications

- Derived from CT scans of a medium sized canine
- Cuts and drills like real bone, and can hold anchors, buttons, plates and screws

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Humerus Left	MD-E-C0014L	\$27.30
Canine Humerus Right	MD-E-C0014R	\$27.30
Canine Radius Left	MD-E-C0024L	\$27.30
Canine Radius Right	MD-E-C0024R	\$27.30
Canine Ulna Left	MD-E-C0034L	\$25.20
Canine Ulna Right	MD-E-C0034R	\$25.20
Canine Radius/Ulna Left	MD-E-C0044L	\$27.30
Canine Radius/Ulna Right	MD-E-C0044R	\$27.30
Canine Scapula Left	MD-E-C0054L	\$27.30
Canine Scapula Right	MD-E-C0054R	\$27.30

# Canine Hindlimb Bones



## General Specifications

- Derived from CT scans of a medium sized canine
- Cuts and drills like real bone, and can hold anchors, buttons, plates and screws

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Femur Left	MD-E-C0015L	\$27.30
Canine Femur Right	MD-E-C0015R	\$27.30
Canine Tibia Left	MD-E-C0025L	\$27.30
Canine Tibia Right	MD-E-C0025R	\$27.30
Canine Fibula Left	MD-E-C0035L	\$23.10
Canine Fibula Right	MD-E-C0035R	\$23.10
Canine Tibia/Fibula Left	MD-E-C0045L	\$27.30
Canine Tibia/Fibula Right	MD-E-C0045R	\$27.30

# Clear Canine Skull



## General Specifications

- Derived from CT scans of a medium sized canine
- Includes maxilla, mandible and C1
- Can use with dry erase markers to indicate key anatomic landmarks and enhance active education

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Clear Canine Skull	MD-E-C0011Clear	\$345.75

# Suture Pad Economy



## General Specifications

- Two different materials to emulate the feeling of dermal and subcutaneous layers of flesh
- Embedded mesh to create appropriate “pop” feeling and improves durability
- Encased in a hard plastic case to increase longevity and stability while suturing
- Ideal for use with monofilament sutures
- 3 Slits - 6.5mm thick with 3 slits that are 100mm long
- 5 Slits - 6.5mm thick with 3 slits that are 40mm long, 2 that are 80mm long

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
3 Slit Suture Pad (Bundle of 5)	MD-E-C1000E	\$96.60
5 Slit Suture Pad (Bundle of 5)	MD-E-C1001E	\$107.10



# Suture Pad



## General Specifications

- Three different materials to emulate the feeling of epidermis, dermal and subcutaneous layers of flesh
- Embedded mesh to create appropriate “pop” feeling and improves durability
- Encased in a hard plastic case to increase longevity and stability while suturing
- Ideal for use with monofilament sutures
- 3 Slits - 6.5mm thick with 3 slits that are 100mm long
- 5 Slits - 6.5mm thick with 3 slits that are 40mm long, 2 that are 80mm long

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
3 Slit Suture Pad (Bundle of 5)	MD-E-C1000S	\$133.35
5 Slit Suture Pad (Bundle of 5)	MD-E-C1001S	\$144.90

# Canine Otoscopy

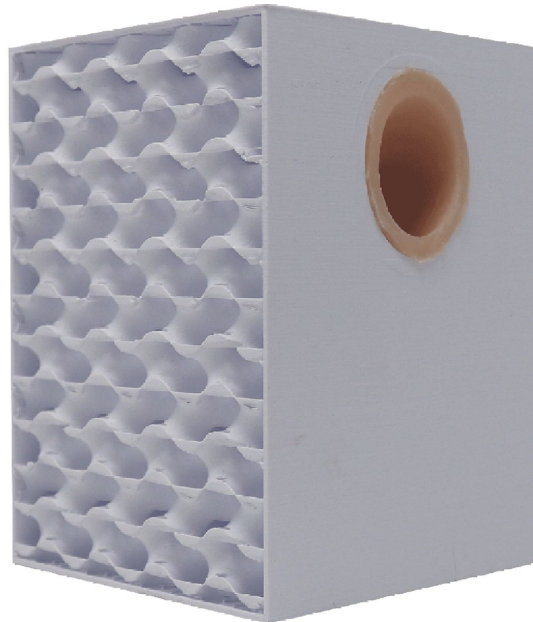


## General Specifications

- Realistic ear canal features including veins and tympanic membrane
- Includes suction cup for easy mounting and threaded to fit any standard tripod
- Near unlimited use

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Otoscopy	MD-E-C1011S	\$682.50
Replacement Ear	MD-E-C1011S-1	\$472.50

# Feline Intubation Economy



## General Specifications

- Derived from CT scans with relevant larynx anatomy
- Near unlimited use
- Functional for use with laryngoscope, tube(s), or hands
- Encased in a hard plastic case to increase longevity and stability while practicing
- Ideal for use with Size 3 or 4 ET Tube

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Feline Intubation	MD-E-F1021E	\$288.75

# Feline Intubation and Feline Intubation w/ NG



## General Specifications

- Derived from CT scans, with relative anatomy including nasal cavity, teeth, epiglottis, and pharynx
- NG model includes replaceable nose puck to hold suture for NG tube placement
- Replaceable jaw, tongue, and teeth on both models
- Functional for use with laryngoscope, tube(s), or hands
- Includes suction cup for easy mounting and threaded to fit any standard tripod
- Ideal for use with 4 ET Tube and 5 French NG Tube

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Feline Intubation w/ NG	MD-E-F1031S	\$847.65
Feline Intubation	MD-E-F1021S	\$675.50
Replacement Jaw/Tongue	MD-E-F1021S-1	\$126.00
Replacement Teeth	MD-E-F1021S-2	\$26.25
Replacement Nose Puck	MD-E-F1031S-1	\$68.25

# Canine Intubation and Canine Intubation w/ NG



## General Specifications

- Derived from CT scans, with relative anatomy including nasal cavity, teeth, epiglottis, and pharynx
- NG model includes replaceable nose puck to hold suture for NG tube placement
- Replaceable jaw and tongue
- Functional for use with laryngoscope, tube(s), or hands
- Ideal for use with 10 ET Tube and 5 French NG Tube
- Includes suction cup for easy mounting and threaded to fit any standard tripod

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Intubation w/ NG	MD-E-C1041S	\$1,045.00
Canine Intubation	MD-E-C1021S	\$945.00
Replacement Jaw/Tongue	MD-E-C1021S-1	\$189.00
Replacement Nose Puck	MD-E-C1041S-1	\$89.00



# Canine Brachycephalic Intubation



## General Specifications

- Derived from CT scans, with relative anatomy including nasal cavity, epiglottis, and pharynx
- Realistic and replaceable soft palate occlusion of trachea to allow access to airway
- Soft palate secured by magnetic clip
- Replaceable jaw and tongue
- Functional for use with laryngoscope, tube(s), or hands
- Ideal for use with 4 ET Tube
- Includes suction cup for easy mounting and threaded to fit any standard tripod

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Brachycephalic Intubation	MD-E-C1031S	\$997.50
Replacement Jaw/Tongue	MD-E-C1031S-1	\$194.25
Replacement Soft Palate	MD-E-C1031S-2	\$42.00

# Cockatoo Intubation

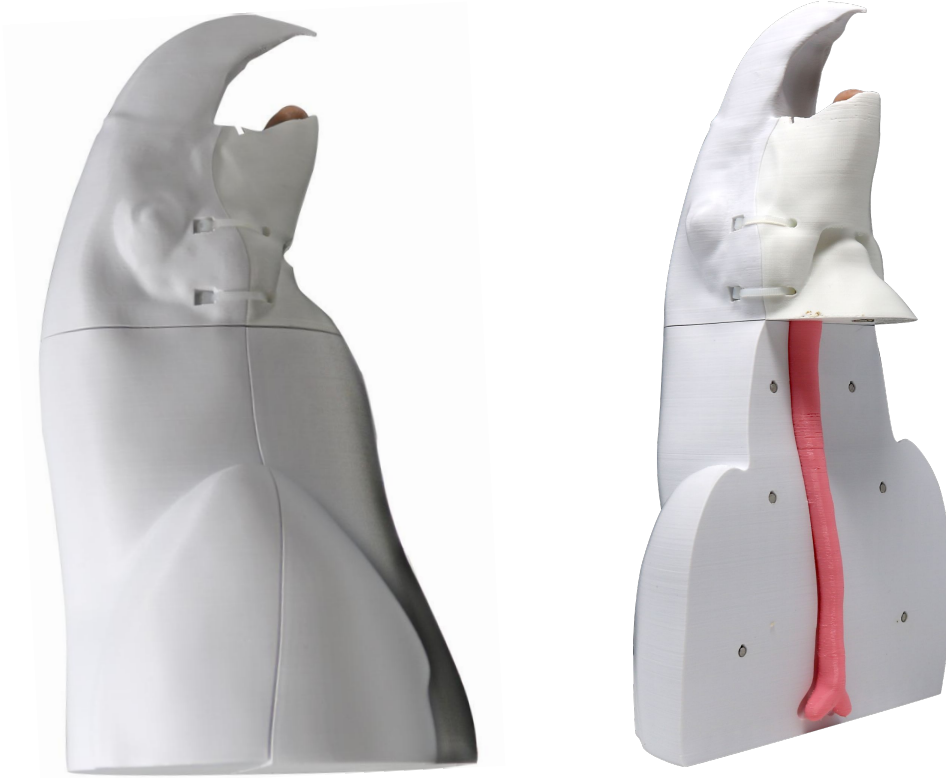


## General Specifications

- Derived from CT scans, with relative anatomy including soft tongue, flexible jaw and airway to syringe
- Ideal for practicing intubation
- Ideal for use with 3.5 ET Tube
- Bisected body to visualize the airway

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Cockatoo Intubation	MD-E-A1021S	\$407.85

# Macaw Intubation

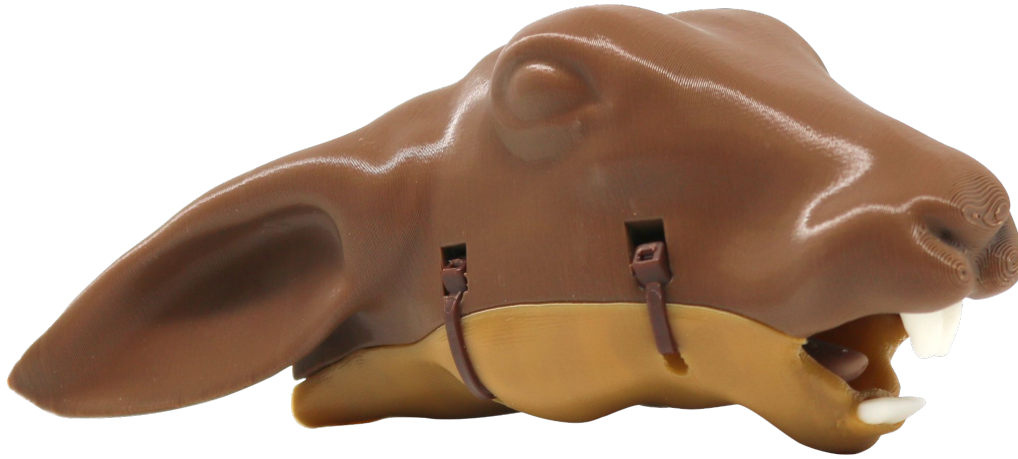


## General Specifications

- Derived from CT scans, with relative anatomy including soft tongue, flexible jaw and airway to syringe
- Ideal for practicing intubation
- Ideal for use with 3.5 ET Tube
- Bisected body to visualize the airway

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Macaw Intubation	MD-E-A1031S	\$407.85

# Rabbit Intubation



## General Specifications

- Derived from CT scans, with relative anatomy including epiglottis, glottis, tongue, and jaw
- Ideal for practicing intubation
- Ideal for use 3 ET Tube

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Rabbit Intubation	MD-E-R1021S	\$595.45
Replacement Jaw/Tongue	MD-E-R1021S-1	\$95.65

# Canine Cephalic Venipuncture



## General Specifications

- Lifelike features including palpable vein
- Ideal for use with a 25 Ga needle to extend model lifetime
- High quality materials allow for repeated usage and extensive training sessions
- Replaceable skin and veins

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Cephalic Venipuncture	MD-E-C1044S	\$1,230.00
Replacement Skin	MD-E-C1044S-1	\$105.00
Replacement Vein 5 Count	MD-E-C1044S-2	\$131.25



# Canine Jugular Access



## General Specifications

- Realistic features of a canine neck, including the jugular vein, skin and underlying structures
- High quality materials allow for repeated usage and extensive training sessions
- Replaceable skin and veins

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Jugular Access	MD-E-C1051S	\$1,345.00
Replacement Skin	MD-E-C1051S-2	\$126.00
Replacement Vessels- 3 Pair	MD-E-C1051S-3	\$147.00

Same head for Cric/Trach. Find Conversion Kits and Canine Emergency Neck Access Kit on page 26

# Canine Cricothyrotomy & Tracheostomy



## General Specifications

- Realistic features of a canine's neck, including the cricothyroid membrane, and airway
- High quality materials allow for repeated usage and extensive training sessions
- Replaceable skin, and membrane tape

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Cricothyrotomy & Tracheostomy	MD-E-C2031S	\$1,260.00
Replacement Membrane Tape (roll)	MD-E-C2031S-1	\$26.50
Replacement Airway	MD-E-C2031S-2	\$82.95
Replacement Skin	MD-E-C1051S-2	\$126.00

Same head for Jugular Access. Find Conversion Kits and Canine Emergency Neck Access Kit on page 26

# Canine Bronchoscopy



## General Specifications

- Replicates intricate anatomical structures of the respiratory system of medium and large sized dogs
- Flexible and responsive airway walls allow for users to navigate the bronchial tree
- Includes a nodule in the left lobar bronchus for visual identification
- Near unlimited use

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Bronchoscopy Medium	MD-E-C2002SM	\$735.00
Canine Bronchoscopy Large	MD-E-C2002SL	\$840.00

# Canine Pericardiocentesis Economy



## General Specifications

- Ultrasoundable model that can be filled with liquid to represent the pericardial sac
- Self sealing material that allows for near unlimited use
- Accommodates a wide range of needle gauges

<i><b><u>Component</u></b></i>	<i><b><u>SKU</u></b></i>	<i><b><u>Price</u></b></i>
Canine Pericardiocentesis Economy	MD-E-C2012E	\$630.00

# Canine Pericardiocentesis



## General Specifications

- Ultrasoundable model that can be filled with liquid to represent the pericardial sac
- Chest wall includes palpable ribs embedded in opaque material for increased realism
- Heart can be inflated with water using a syringe
- Self sealing material that allows for near unlimited use
- Accommodates a wide range of needle gauges

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Pericardiocentesis	MD-E-C2012S	\$787.50



# Canine Thoracocentesis



## General Specifications

- Replicates the chest wall, simulates pleural effusion
- Simulated pleural space allows for identification and drainage of air or fluid from the pleural space
- High quality materials allow for repeated use and extensive practice sessions
- Embedded mesh to create “pop” feeling in the skin
- Ideal for use with 12-14 Ga Guidewire-Inserted Chest Tube Kit

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Thoracocentesis	MD-E-C2023	\$2,835.00

# Canine Vet Tech Kit

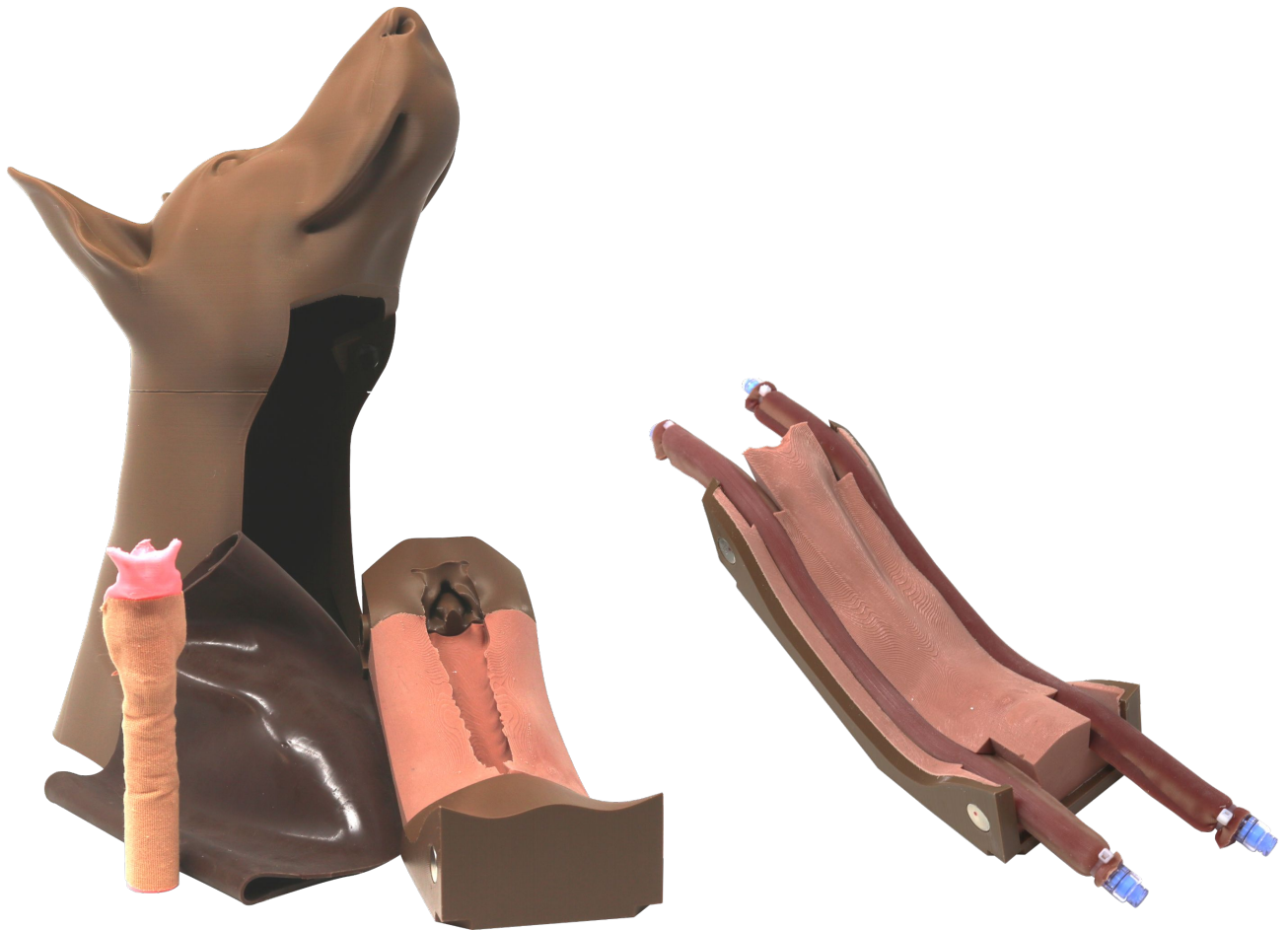


## General Specifications

- Kit includes Canine Brachycephalic Intubation, Canine Jugular Access and Canine Cephalic Venipuncture models

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Vet Tech Kit	MD-E-C7000S	\$3,467.50

# Canine Emergency Neck Access Kit



## General Specifications

- Kit includes Canine Cricothyrotomy & Tracheostomy, Canine Jugular Access
- Conversion Kit for Cric/Trach to Jugular Access includes Muscle Puck, 2 Veins, and 1 Skin
- Conversion Kit for Jugular Access to Cric/Trach includes Muscle Puck, Airway, roll of Membrane Tape, and 1 Skin

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Emergency Neck Access Kit	MD-E-C7001S	\$2,069.00
Conversion Kit for Jugular Access to Cric/Trach	MD-E-C1051S-4	\$925.00
Conversion Kit for Cric/Trach to Jugular Access	MD-E-C2031S-3	\$840.00

# Canine Airway Management Kit



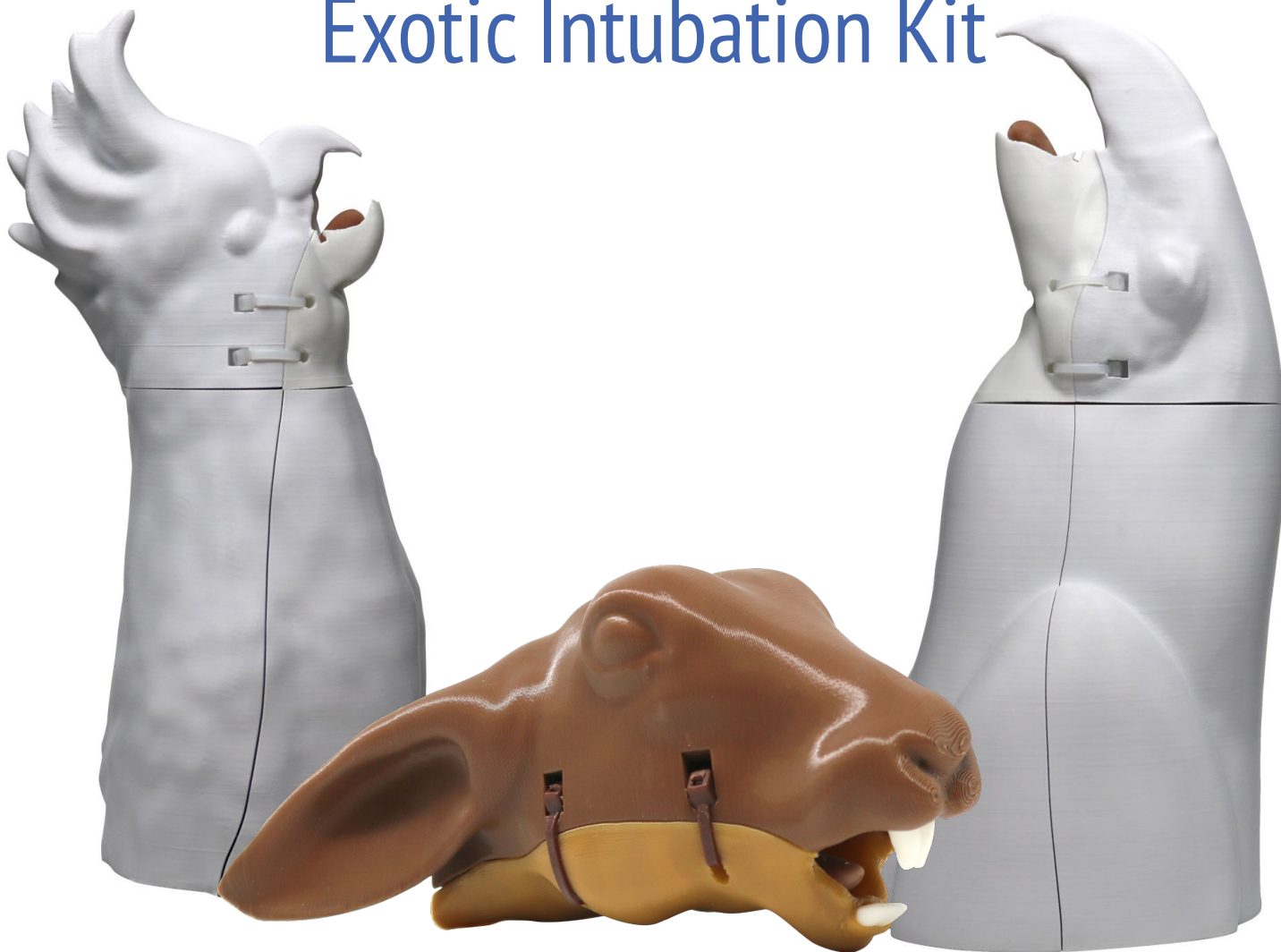
## General Specifications

- Kit includes Canine Brachycephalic Intubation, Canine Cricothyrotomy & Tracheostomy, and Canine Bronchoscopy trainers

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Canine Airway Management Kit	MD-E-C7011S	\$2,887.50



# Exotic Intubation Kit



## General Specifications

- Kit includes Cockatoo Intubation, Macaw Intubation and Rabbit Intubation

<b><u>Component</u></b>	<b><u>SKU</u></b>	<b><u>Price</u></b>
Exotic Intubation Kit	MD-E-E7021S	\$1,345.65



# MODELS IN DEVELOPMENT

<b><u>Products</u></b>
Canine TPLO
Canine Epidural
Canine Lateral Saphenous Venipuncture
Canine Intraosseous Catheterization Economy
Canine Female Urinary Catheterization
Ultrasound Guided Cystocentesis

\*\*Please note this list is ever evolving and therefore non-binding, To suggest a new model or join a focus group, please email [sales@med-dimensions.com](mailto:sales@med-dimensions.com)

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<b><u>Product</u></b>	<b><u>SKU</u></b>	<b><u>Cost</u></b>
Canine Humerus Left	MD-E-C0014L	\$27.30
Canine Humerus Right	MD-E-C0014R	\$27.30
Canine Radius Left	MD-E-C0024L	\$27.30
Canine Radius Right	MD-E-C0024R	\$27.30
Canine Ulna Left	MD-E-C0034L	\$25.20
Canine Ulna Right	MD-E-C0034R	\$25.20
Canine Radius/Ulna Left	MD-E-C0044L	\$27.30
Canine Radius/Ulna Right	MD-E-C0044R	\$27.30
Canine Scapula Left	MD-E-C0054L	\$27.30
Canine Scapula Right	MD-E-C0054R	\$27.30
Canine Femur Left	MD-E-C0015L	\$27.30
Canine Femur Right	MD-E-C0015R	\$27.30
Canine Tibia Left	MD-E-C0025L	\$27.30
Canine Tibia Right	MD-E-C0025R	\$27.30
Canine Fibula Left	MD-E-C0035L	\$23.10
Canine Fibula Right	MD-E-C0035R	\$23.10
Canine Tibia/Fibula Left	MD-E-C0045L	\$27.30
Canine Tibia/Fibula Right	MD-E-C0045R	\$27.30
Clear Canine Skull	MD-E-C0011Clear	\$345.75

\*Please note prices are subject to change based on material availability and cost. To receive a guaranteed quote, email [sales@med-dimensions.com](mailto:sales@med-dimensions.com)

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<b><u>Product</u></b>	<b><u>SKU</u></b>	<b><u>Cost</u></b>
3 Slit Suture Pad Economy (Bundle of 5)	MD-E-C1000E	\$96.60
5 Slit Suture Pad Economy(Bundle of 5)	MD-E-C1001E	\$107.10
3 Slit Suture Pad (Bundle of 5)	MD-E-C1000S	\$133.35
5 Slit Suture Pad (Bundle of 5)	MD-E-C1001S	\$144.90
Canine Otoscopy	MD-E-C1011S	\$682.50
Canine Otoscopy Replacement Ear	MD-E-C1011S-1	\$472.50
Feline Intubation Economy	MD-E-F1021E	\$288.75
Feline Intubation	MD-E-F1021S	\$675.50
Feline Intubation Replacement Jaw/Tongue	MD-E-F1021S-1	\$126.00
Feline Intubation Replacement Teeth	MD-E-F1021S-2	\$26.25
Feline Intubation w/ NG	MD-E-F1031S	\$847.65
Feline Intubation Replacement Nose Puck	MD-E-F1031S-1	\$68.25
Canine Intubation	MD-E-C1021S	\$945.00
Canine Intubation Replacement Jaw/Tongue	MD-E-C1021S-1	\$189.00
Canine Intubation w/ NG	MD-E-C1041S	\$1,045.00
Canine Intubation Replacement Nose Puck	MD-E-C1041S-1	\$89.00

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<b><u>Product</u></b>	<b><u>SKU</u></b>	<b><u>Cost</u></b>
Canine Brachycephalic Intubation	MD-E-C1031S	\$997.50
Canine Brachycephalic Replacement Jaw/Tongue	MD-E-C1031S-1	\$194.25
Canine Brachycephalic Replacement Soft Palate	MD-E-C1031S-2	\$42.00
Cockatoo Intubation	MD-E-A1021S	\$407.85
Macaw Intubation	MD-E-A1031S	\$407.85
Rabbit Intubation	MD-E-R1021S	\$595.45
Rabbit Intubation Replacement Jaw/Tongue	MD-E-R1021S-1	\$95.65
Canine Cephalic Venipuncture	MD-E-C1044S	\$1,230.00
Canine Cephalic Venipuncture Replacement Skin	MD-E-C1044S-1	\$105.00
Canine Cephalic Venipuncture Replacement Vein 5 Count	MD-E-C1044S-2	\$131.25
Canine Jugular Access	MD-E-C1051S	\$1,345.00
Canine Jugular Access & Cric/Trach Replacement Skin	MD-E-C1051S-2	\$126.00
Canine Jugular Access Replacement Vessels- 3 Pair	MD-E-C1051S-3	\$147.00
Canine Cricothyrotomy & Tracheostomy	MD-E-C2031S	\$1,260.00
Canine Cric & Trach Replacement Membrane Tape (roll)	MD-E-C2031S-1	\$26.50
Replacement Airway	MD-E-C2031S-2	\$82.95

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<b><u>Product</u></b>	<b><u>SKU</u></b>	<b><u>Cost</u></b>
Canine Bronchoscopy Medium	MD-E-C2002SM	\$735.00
Canine Bronchoscopy Large	MD-E-C2002SL	\$840.00
Canine Pericardiocentesis Economy	MD-E-C2012E	\$630.00
Canine Pericardiocentesis	MD-E-C2012S	\$787.50
Canine Thoracocentesis	MD-E-C2023	\$2,835.00
Canine Vet Tech Kit	MD-E-C7000S	\$3,467.50
Canine Emergency Neck Access Kit	MD-E-C-7001S	\$2,069.00
Conversion Kit for Canine Jugular Access to Canine Cric/Trach	MD-E-C1051S-4	\$925.00
Conversion Kit for Canine Cric/Trach to Canine Jugular Access	MD-E-C2031S-3	\$840.00
Canine Airway Management Kit	MD-E-C7011S	\$2,887.50
Exotic Intubation Kit	MD-E-E7021S	\$1,345.65

## Best Practices

To keep your models in best working order we recommend the following

1. Store your model in a cool, dark, and low dust location
2. If you are using any liquid with your model, make sure to wipe it down, leave all connectors open and allow to dry completely before storing
3. Re-apply Silicon powder as needed to reduce tack and dust accumulation
4. Work on a flat surface to prevent the model from slipping

