

MED DIMENSIONS

MANUAL

CANINE JUGULAR ACCESS

MD-E-C1051S



Intended Use

1. Canine jugular access model ideal for practicing gaining access to the jugular vein

Parts Included

1. Muscle
2. Skin
3. Veins
4. Head
5. IV Extenders
6. IV Caps (Male Luer Cap)
7. Blood Bag (Feeding Bag)
8. Blood Stand (Lab Stand)

Tools Recommended

1. 25G Butterfly Needle
or
Syringe & 25G Needle
2. Plastic cup/Specimen container

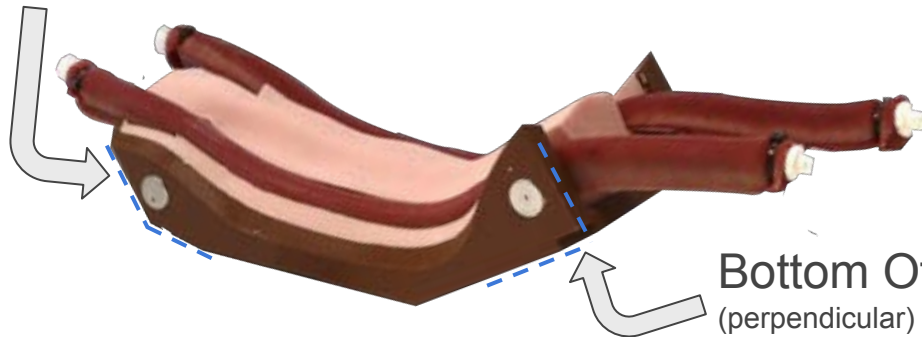
Assembly Instruction



Replacing Veins

1. Remove skin by gently pulling from bottom, over top of head in one swift motion.
2. Close roller clamp, disconnect and set aside IV extenders, discard previous veins.
3. Remove muscle by reaching inside model and pushing muscle forward and out, disengaging magnets.
4. Connect and/or feed IV extenders from stopcock through bottom of head out through cutout and connect to vein (male luer connector on vein).
5. Connect additional IV extenders to vein and ensure luer caps are properly tightened to prevent substantial mess and a bad time.

Top Of Muscle
(not perpendicular)



Bottom Of Muscle
(perpendicular)

6. Orient top of muscle to IV extenders from stopcock (male luer connector of vein at top of muscle)
7. Press veins into muscle with ~1" overhang at top of muscle and remaining veins hanging out bottom of muscle.

Resetting Muscle

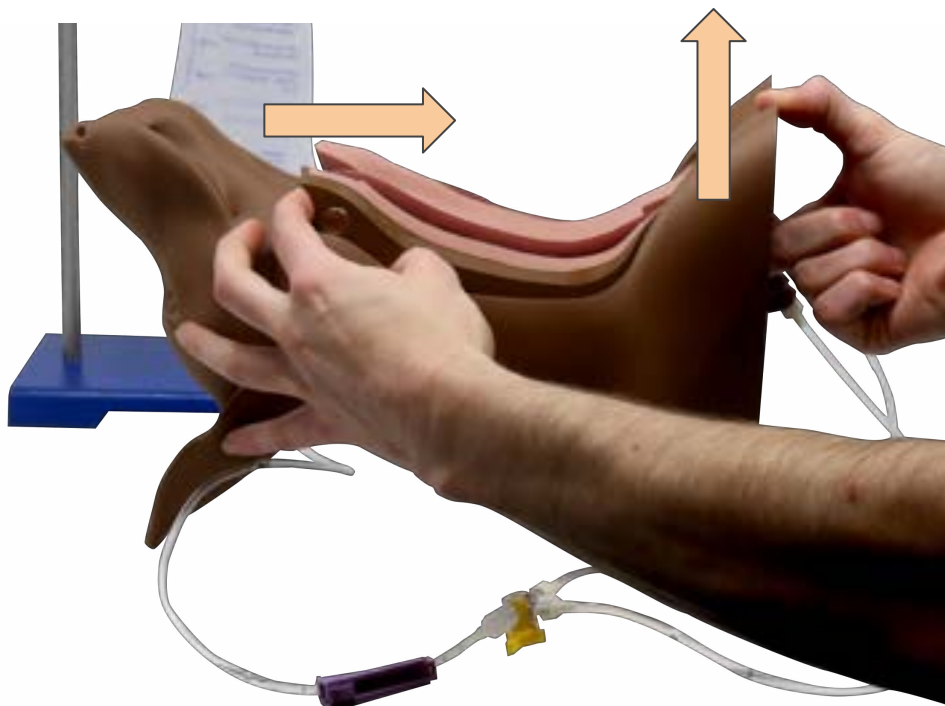
1. Lay model in dorsal recumbency and pass IV extenders through cutout and out bottom of model.



2. Seat bottom of muscle into bottom of head until resting on hangers and magnets lock.



3. Push veins and IV connectors at top of muscle downward and slowly lower muscle into neck.
4. Muscle will not seat fully! Push bottom of muscle upwards and push top of muscle towards bottom of head until puck is snapped into place by magnets.



Priming Veins

1. Assemble lab stand and tighten bar clamp at highest point.



2. Close roller clamp and fill blood (feeding) bag to 1000 ml with food coloring dyed water.
3. Hang blood bag on lab stand and connect to stopcock if needed.
4. Unscrew IV caps entirely and hang IV extenders off table into plastic cup or specimen container.
 - a. IV extenders do not need to hang completely to floor but must be no less than 12" below lowest part of model.
5. Open roller clamp and observe for blood simulate to flow out of vein(s) into IV extender(s).
6. Once air bubbles have completely cleared IV extender, pinch line closed, replace and tighten IV caps until finger tight.

Final Assembly

1. Turn model upright and feed IV extenders out back of model through arched cutout.
2. Bunch up skin into doughnut shape, place around nose and over one ear completely, then pull over other ear.
3. Pull skin down over neck until fully covering exposed muscle.

4. Pull skin down over front of model such that 1" of skin curls under corners of model and properly covers muscle and veins.
5. Pull skin up as needed to cover cranial aspect of muscle and veins.



Curled Under Corners

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. For models containing or exposed to water, wipe down excess, leave all connectors open and allow components to dry completely before storing
3. If applicable, apply Silicone Finishing Powder to reduce tack and dust accumulation
4. If applicable, flush or wash models with water to remove lubricant and debris
5. Work on a flat surface to prevent the model from slipping

<u>Component</u>	<u>SKU</u>	<u>Material</u>	<u>Size</u>	<u>Weight</u>
Canine Jugular Access	MD-E-C1051S	Plastic, Silicone, Polyderm, Magnets	14.0x10.0x7.0 in	3.3 lbs
Central Line Cradle	MD-E-C1051S-1	Plastic	4.5x5.8x4.0 in	0.6 lbs
Replacement Skin	MD-E-C1051S-2	Silicone	6.0x6.0x.05 in	0.6 lbs
Replacement Veins - 3 Pair	MD-E-C1051S-3	Plastic, Silicone, Polyderm	6.0x6.0x0.5 in	0.5 lbs
Conversion Kit for Cric/Trache	MD-E-C1051S-4	Plastic, Silicone, Polyderm, Magnets	5.0x5.0x10.0 in	1.3 lbs

Warranty Information

This is a summary of the Med Dimensions warranty policy provided for convenience. For the complete and most up-to-date warranty information, please refer to the full policy available at <https://www.med-dimensions.com/warranty/>.

Med Dimensions warrants its products to be free from defects in design, operation, workmanship, and materials. Warranty duration varies by type of product as described on our warranty page. This warranty does not cover damage resulting from misuse, abuse, neglect, or unauthorized repair. To initiate a warranty claim, contact Med Dimensions Customer Support at support@med-dimensions.com or [585-510-0005](tel:585-510-0005) x1. Proof of purchase is required for warranty service. This warranty supersedes all other warranties, whether expressed or implied, including warranties of merchantability or fitness for a particular purpose. Med Dimensions is not liable for consequential or incidental damages arising from product use or inability to use.