

MED DIMENSIONS

**CANINE CEPHALIC
VENIPUNCTURE**

MD-E-C1044S



User Manual

Intended Use

1. Our canine cephalic venipuncture model ideal for practicing blood draws from a canine cephalic vein.
 - Estimated 50 uses per vein and 100 uses per skin

1. Parts Included

1. Muscle
2. Skin
3. Vein
4. IV extenders
5. IV cap (male luer cap)
6. Reservoir (feeding bag)
7. Reservoir stand (lab stand)
8. Suction cup mount

2. Tools Recommended

1. 25G butterfly needle or syringe & 25G needle



3. Assembly Instructions

3.1. Replacing Vein:

1. Remove the skin and vein from the model. Pull the vein out of the muscle and remove both IV extenders.
2. Roll the skin inside out like a sock until the rolled portion of the skin rests on the toes.
3. Connect the female luer of the IV extender to male luer of the vein.
4. Press the connectors of the vein and IV extender into the through-hole in the toes until it is completely buried.
5. Orient the muscle so the cutout points to the ceiling and orient the skin so the toes rest on the table.
6. Butt the skin against the distal end of the muscle, part the muscle cutout, and press the vein into place.
7. Part the muscle cutout every half inch, pinch the vein between your pointer finger and thumb, then gently rock back and forth while pressing into place.
8. Unroll the skin to cover the newly seated section. Repeat until the skin covers the full model.
9. Pull the skin as needed to achieve proper alignment on the model.
10. Connect the IV extender to the proximal luer connector of the vein.
11. Screw the IV cap on the IV extender of the foot until finger tight. Note the cap will be unscrewed in later step but must be screwed shut to prevent substantial mess and a bad time.



3. 2. Priming Veins

1. Assemble the lab stand and set the reservoir mount to the highest point.
2. Close the roller clamp and fill the reservoir (feeding bag) to 750 mL with food coloring dyed water.
3. Hang the reservoir on the lab stand and connect it to proximal IV extender.
4. Check that the IV cap is tightened on the foot IV extender before opening the roller clamp.
5. Slowly unscrew the IV cap until you observe the blood simulate flowing out of the reservoir.
6. Look for the blood simulate to flow out from the toes of the model into the IV extender of the foot.
7. Once the blood simulate has filled more the half of the foot IV extender, screw the IV cap closed.

Helpful Hint

A flash of the vessel can be increased by adding more fluid to the reservoir. If the vein begins to leak, the reservoir can be lowered down the stand to decrease leaking.



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.

Replacement Components

Component	SKU	Material	Size	Weight
Replacement Skin	MD-E-C1044S-1	Silicone, Mesh	10.5x3.0x1.5 in	0.5 lbs
Replacement Vein 5 Count	MD-E-C1044S-2	Plastic, Silicone	6.0x6.0x0.5 in	0.2 lbs

Important Note

To order replacement parts, visit www.med-dimensions.com or email us at sales@med-dimensions.com

Warranty Information

This is a summary of the Med Dimensions warranty policy provided for your 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.