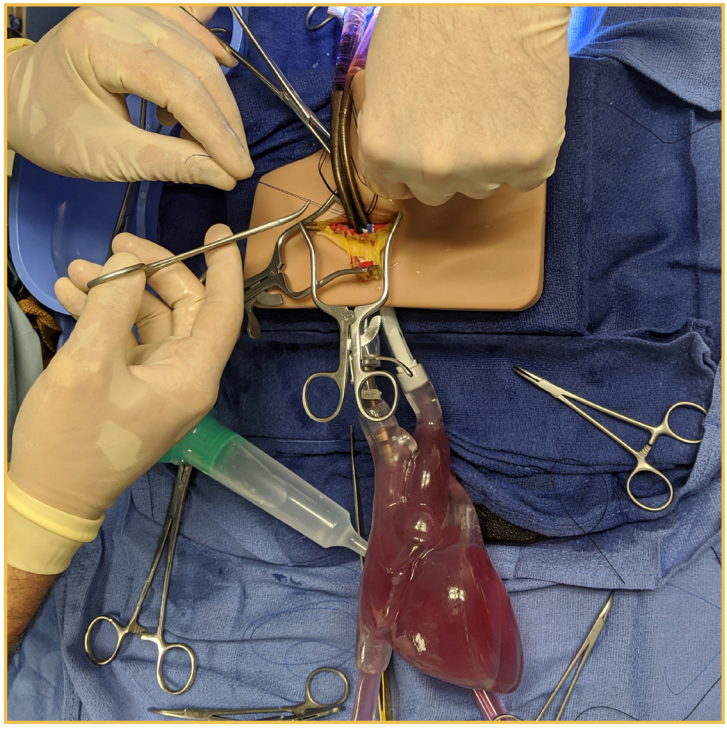
RediStik™ ECMO Cannulation Trainer

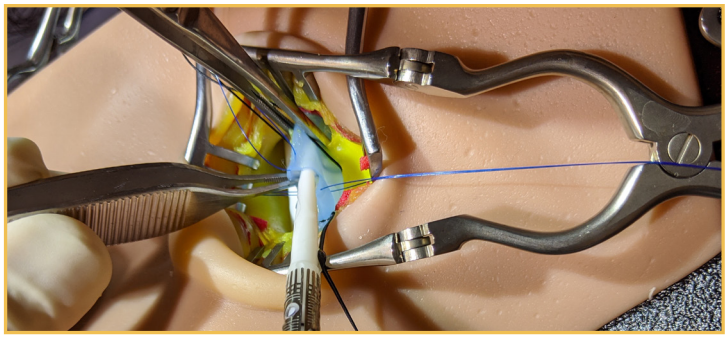
A Collaboration between TCH and Pacific Research Laboratories/Sawbones

Simulation task trainer designed and vetted by frontline innovators at Texas Children's Hospital® in collaboration with Pacific Research Laboratories, Inc./Sawbones®.

RediStik™ ECMO Cannulation Trainer

Anatomically accurate design provides all steps for Pediatric ECMO neck cut down, cannulation, connection to ECMO circuit and de-cannulation in an 18-25 kg patient. Model accommodates 15fr arterial, 17Fr venous and 20 Fr VV cannulas.







Progress from novice to advanced in ECMO neck cut down, cannulation, connection to ECMO circuit and de-cannulation.

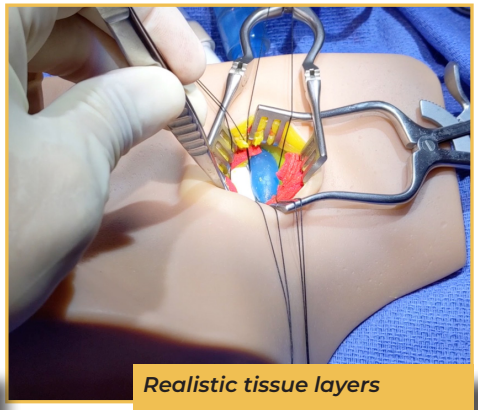
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info@sawbones.com
info@sawbones.se

NECK SIMULATOR (SINGLE USE)

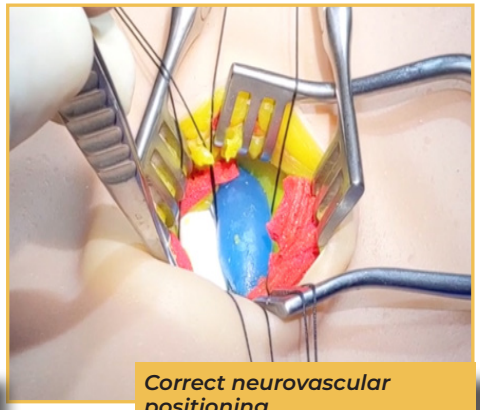
- Right side of neck with anatomically accurate landmarks (mandible, clavicle, SCM).
- Realistic tissue layers (skin, fat, platysma and SCM) for cutting and spreading to expose the vessels:
  - SCM can be spread, cut, encircled, or laterally retracted to expose vessels.
- Correct neurovascular (IJV/Carotid/Vagal nerve) positioning, color and feel allows for accurate exposure, cutting, applying traction sutures/tourniquet to control the vessels, and cannula insertion.



Anatomically accurate palpable landmarks



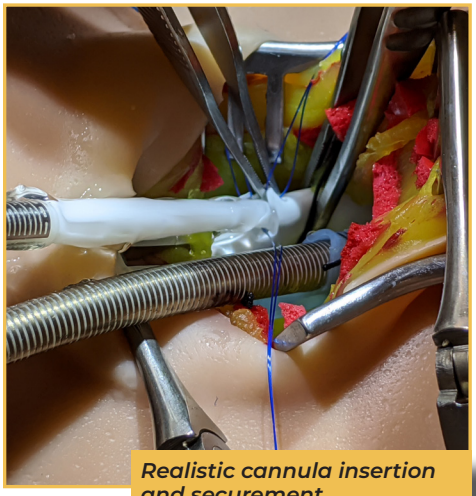
Realistic tissue layers



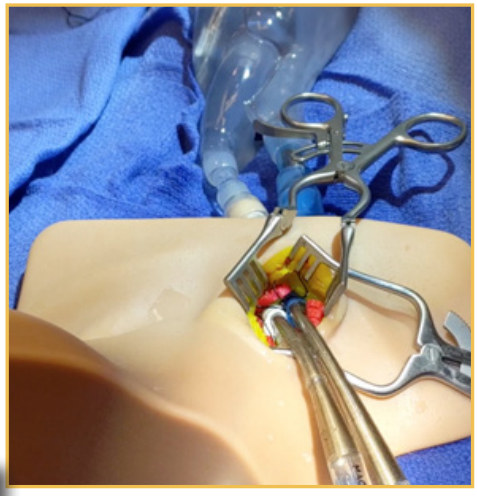
Correct neurovascular positioning

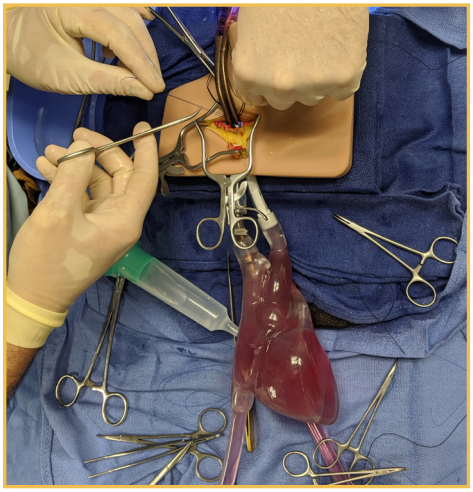
HEART (REUSABLE DESIGN)

- Transparent heart provides visualization during insertion of the wire/cannula.
- Provides closed loop system to connect to the ECMO circuit.
- An elevated liter bag of saline creates pressure in the system to allow for realistic “bleed back”, so a pulsating pump is not necessary.



Realistic cannula insertion and securement





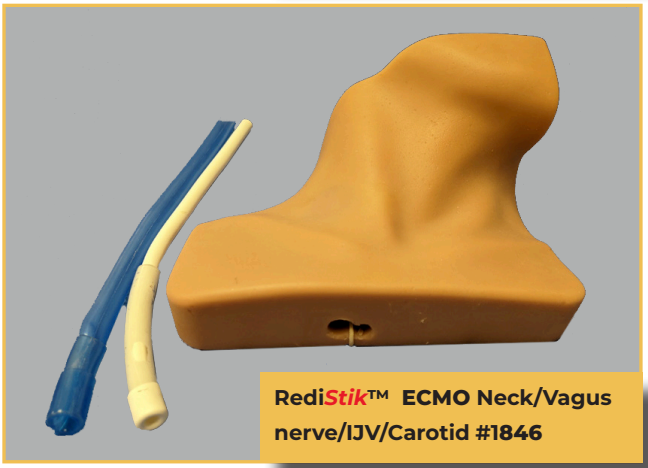
ORDER REFERENCES



RediStik™ ECMO Cannulation Trainer Starter kit #1846-10

RediStik™ ECMO Cannulation Trainer Starter Kit
Part #1846-10

Includes:
1 x Duffle bag
1 x Heart/fittings (spare set of fittings for carotid/ IJV + 3 extra stopcocks)
1 x Securement base for heart/neck
1 x RediStik™ ECMO Heart case
4 x Necks/vessels/vagus nerves (part #1846)
1 x Spare vessel set (one IJV/one carotid — part # 1846-5)
1 x Color tabs
1 x Small liquid soap
1 x Instructions
(Neck/vessels are for **single use**. The heart, base for neck/heart, RediStik™ ECMO Heart case, and duffle bag are **reusable**.)



RediStik™ ECMO Neck/Vagus nerve/IJV/Carotid #1846

RediStik™ ECMO Neck Replacement (single use)
Part #1846

Includes:
1 x Neck
1 x Vagus nerve
1 x IJV (Internal Jugular Vein)
1 x Carotid artery
2 x Lubricating jelly pack



RediStik™ ECMO IJV/Carotid #1846-5

RediStik™ ECMO IJV/Carotid Extra Set (single use)
Part #1846-5

Includes:
1 x IJV (Internal Jugular Vein)
1 x Carotid artery
2 x Lubricating jelly pack

Visit texaschildrens.org/redistik to access product details, skills video tips and techniques and data outcomes.

Texas Children's Hospital®

in collaboration with

SAWBONES®