

# RediStik™ ECMO Cannulation Trainer

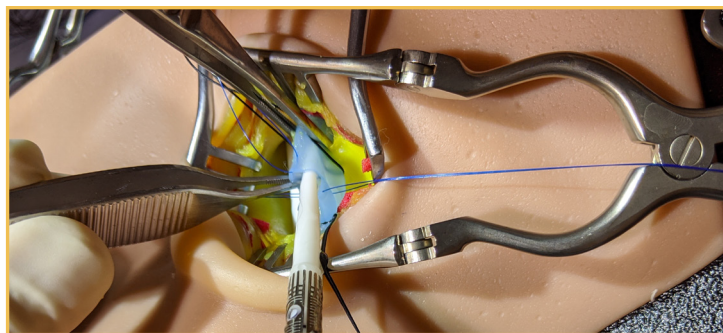
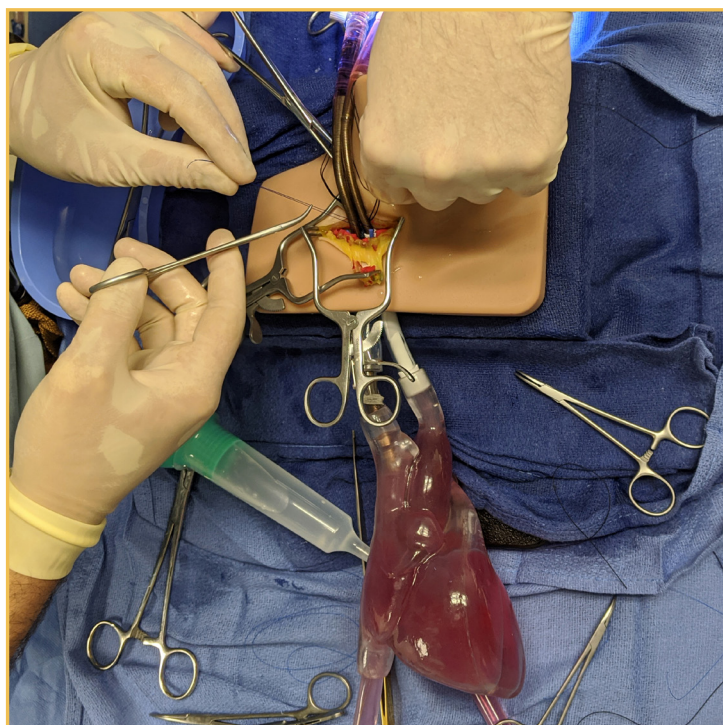
A Collaboration between TCH and Pacific Research Laboratories/Sawbones



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.



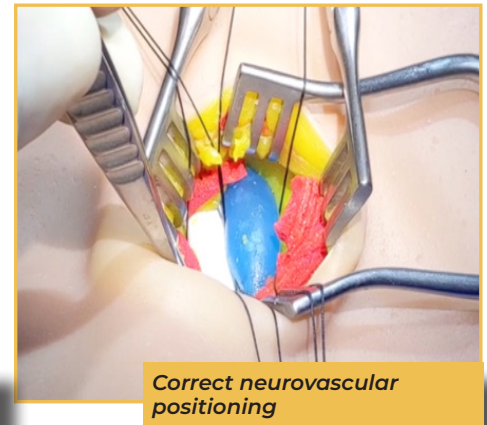
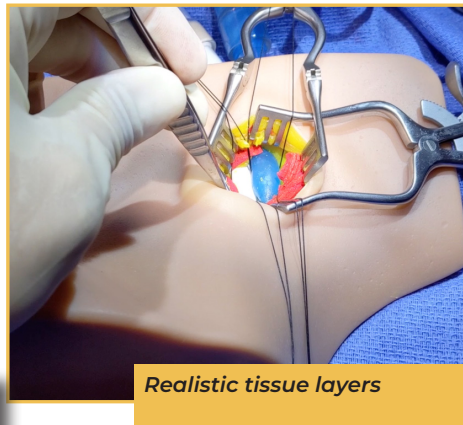
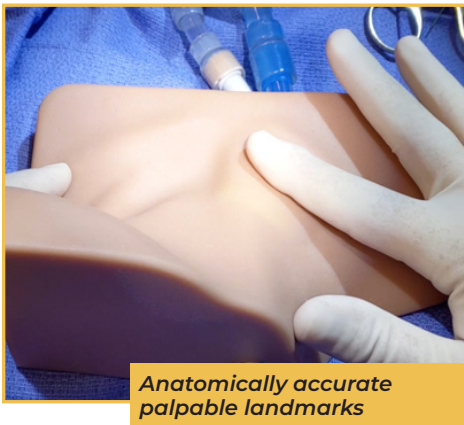
*Progress from novice to advanced in ECMO neck cut down, cannulation, connection to ECMO circuit and de-cannulation.*





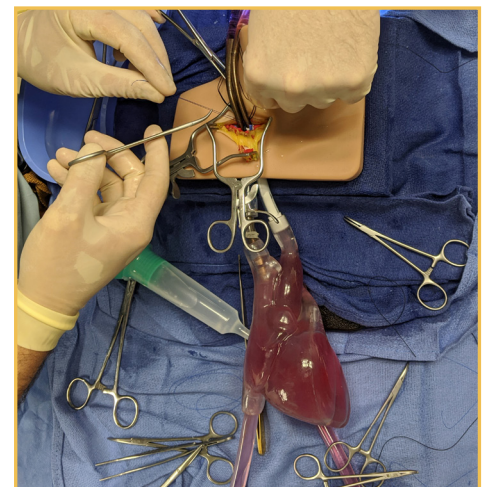
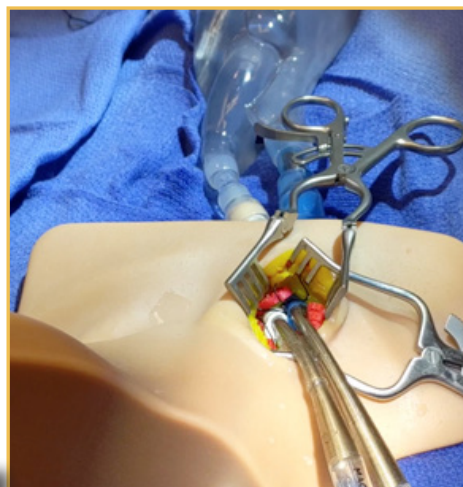
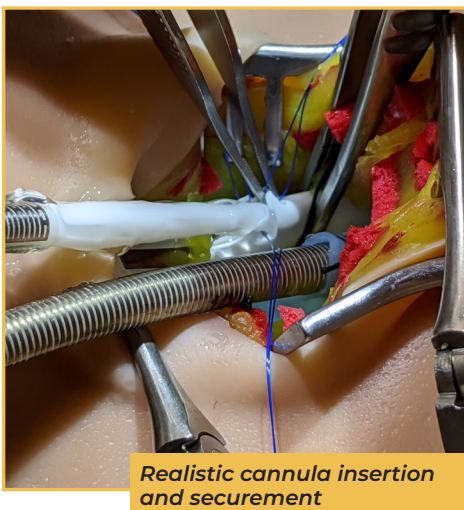
## NECK SIMULATOR (SINGLE USE)

- 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.



## 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.



## ORDER REFERENCES



### 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 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 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](https://texaschildrens.org/redistik) to access product details, skills video tips and techniques and data outcomes.



in collaboration with

