

# Welcome to the REAL BLEED Experience

## Your REAL BLEED Kit

Designed to support **4 stations with 4 specimens**, this system allows for high-pressure perfusion of harvested organs and vessels, creating a **realistic surgical training environment** with active bleeding simulation.

The **single pump** continuously circulates fluid through all four stations, returning it to the basin for a **self-sustaining, rolling system**—no need for refills after setup.

### Kit Contents:

- Pump
- Tubing
- Basin
- Traction Needles
- Vascular Sinch
- Hemostats
- Sinch Tool
- Extension Cord
- Zip Ties (Medium, Large)
- Trays
- Chuck Pads
- Scissors
- Pick Ups
- Suture Ties



VIDEO SCROLL TO BOTTOM



For a step-by-step instructional video, visit [www.realbleed.com](http://www.realbleed.com) . Email, [info@realbleed.com](mailto:info@realbleed.com) .

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## System Setup & Connection

### Step 1: Prepare the Basin

Fill the basin **halfway** with water and **add food coloring** (or use real blood if applicable).

### Step 2: Position Components

- Place the **basin in a central location**.
- Submerge **all tubing ends with splints** into the basin. Splints ENDS tubing ends with rigid plastic tube.
- Position the **pump near the basin** and connect **red-dotted tubing**.

### Step 3: Set Up Stations & Specimens

- Arrange your stations using **chuck pads and trays**.
- Lay out **specimens** securely.

## Step 4: Connect Traction Needles to Specimens

1. Identify **entry** and **exit points** for the traction needles.
2. Lay the **vessel flat** on the surface.
3. Insert the **traction needle** midway along the shaft.
4. Slide a **zip tie underneath the vessel**.
5. Secure the zip tie **hand-tight** over the needle.
6. Cross-clamp the zip tie with **hemostats** to create a **watertight seal**.

## Step 5: Secure the Specimen

- Use **vascular sinches, suture ties, and zip ties** to close all openings.

## Step 6: Connect the System

- Attach tubing with **GREY DOTS** to **GREY traction needles**.
- Ensure the **fluid entry needle** is connected to the tubing leading to the **pump**.
- Plug in the **pump** and switch it **ON** (use the **extension cord** if needed).

◆ **Not ready to activate all stations?** Use **hemostats** to crimp lines going to unused stations.

## Key Components & Their Uses

- ◆ **Vascular Sinch** – V-shaped metal tool (Small & Large) for sealing holes.
- ◆ **Traction Needle** – Establishes **entry and exit points** for fluid/blood circulation.
- ◆ **Other Tools** – Additional tools may be needed depending on your specific scenario.

## Surgical Skills Challenge

Enhance your training experience by engaging in a **hands-on, competitive exercise**:

- Lab partners take turns **creating trauma, cuts, or surgical abrasions**.
- Opponents must **repair the damage** under a **timed challenge**.
- Simulates **real-world surgical intensity** for skill refinement.

## Safety & Disclaimer

- **Sharp objects included** – handle with caution.
- **For training & educational purposes only** – Not for human use.
- **One-time use** – Dispose of after training.
- **REAL BLEED is not responsible for any damages resulting from its use.**
- 📌 Visit [www.realbleed.com](http://www.realbleed.com) for further details.

