

June 2008 Volume 2



CVC Chronicle



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[Buy two CentraLineMan tissues \(CLMT-20\) by June 30, 2008, receive a 10% discount!](#)



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Dear Stephanie,

Welcome to the second edition of the CVC Chronicle. This issue contains some information about the benefits of simulation in medical training, a helpful hint about using Simulab's CVC trainers, and a special offer!

Return on Investment Model for Simulation Based Training

In the article referenced by the abstract below the authors use CVC training on a simulator as a model for funding simulation that could extend beyond CVC training. A full copy of this article and several additional articles on medical simulation can be obtained through the [Seminars in Colon & Rectal Surgery's website](#).

Abstract: Using Simulation-Based Training to Improve Clinical Outcomes ¹

"Simulation-based training is becoming integral to the training of surgical residents. The authors describe the use of simulation-based training to address a specific clinical problem. Cognitive and procedural training in central venous catheter (CVC) placement are used to achieve the goal of decreasing CVC-related complications. Training goals and outcome measures- both educational and clinical-are described. This model of using simulation-based training as a tool to address a specific clinically applicable training need should be extended to additional procedures where a specific educational goal can be targeted."

If you would like to learn more about Simulab's Vascular Access Trainers - **please contact our Customer Care Team today!**

1. Aaron R. Jensen, MD and Mika N. Sinanan, MD, PhD. Using Simulation-Based Training to Improve Clinical Outcomes. *Seminars in Colon & Rectal Surgery* Volume 19, Issue 2, Pages 64-71 June 2008.

Helpful Hint #2: Using Ultrasound Guidance

An ultrasound-imaging unit can be used with both CentraLineMan and FemoraLineMan. For the best results, *turn up the gain* on the ultrasound unit and apply gel to the tissue before proceeding.



By using the arterial pump, a pulse can be created and easily identified, increasing the realism of the procedure.

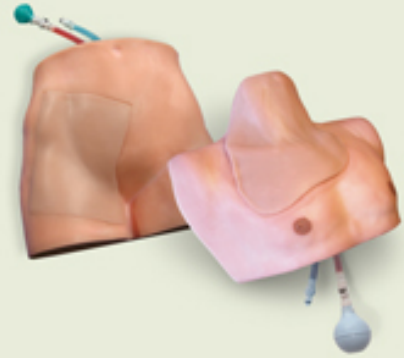


The syringe can also be used to lower the venous pressure, thus simulating low-pressure complications. To do this, withdraw 20 milliliters of venous blood into the syringe. The vein will become noticeably flat on the ultrasound unit. Continue to withdraw fluids and the vein can be completely flattened. Reinsert the fluid with the syringe to obtain normal pressure.

Also, with the use of ultrasound, the anatomical landmarks can be viewed and the sternocleidomastoid muscle can be located.

CVC Trainers - Package Pricing!

Simulab is offering an **additional 10% off** the already discounted price when you purchase our Vascular Access Training Package. This package includes the CentraLineMan System and the FemoraLineMan System plus an additional replaceable tissue for each system. [Click here for details on this offer.](#)



Hurry! Orders have to be placed by **June 30, 2008**:

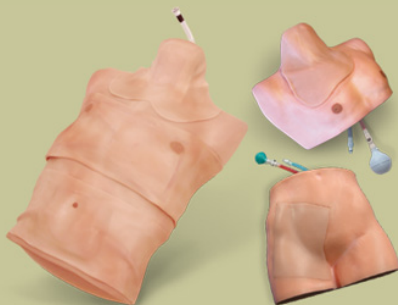
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Interested in other opportunities to save? Visit our new [Package Pricing page](#) or contact Simulab's Customer Care Team today!

sales@simulab.com 206-297-1260

If you would like any additional information about the CentraLineMan System, the FemoraLineMan System, or Simulab's other products and services, please call us at 206-297-1260 or visit www.simulab.com.

Sincerely,



Three System Package Price! Save \$\$ when you buy Simulab's Three System Package, which includes TraumaMan, CentraLineMan, and FemoraLineMan. [Contact us](#) today for details.

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