

CAE

Healthcare

CAE Medicor User Guide

Injectable Skin Pads



Disclaimer

This product is a simulation device designed for training and demonstration purposes only.

Proprietary Notice

This document, including the information contained herein, is confidential and/or proprietary to CAE Inc., and shall not be reproduced or disclosed in whole or in part, or used for any purpose whatsoever without the prior written authorization of CAE Inc.

Trademark Information

Trademarks and/or registered trademarks of CAE Healthcare Inc. and/or its affiliates include but are not limited to: Apollo, Ares, AresAR, Aria, Athena, BabySIM, BluePhantom, Caesar, CathLabVR, EndoVR, HPS, ICCU, InfantSIM, iStan, Juno, LapVR, LearningSpace, Lucina, LucinaAR, Luna, Maestro, Medicor, METIman, Müse, NeuroVR, PediaSIM, SimEquip, Simulex, StethoSym, SymDefib, SymEyes, UniSIM, Vimedix, VimedixAR and Vivo. All other brands and product names are trademarks or registered trademarks of their respective owners. All logos, tradenames and trademarks referred to and used herein remain the property of their respective owners and may not be used, changed, copied, altered, or quoted without the written consent of the respective owner. All rights reserved.

Contents

Cautions and Warnings.....	1
General Precautions.....	1
Latex Statement.....	1
Fluids.....	1
Needles.....	2
Introduction.....	3
Anatomy.....	4
Equipment Overview.....	4
Using the Training Model.....	5
Setup.....	5
Training.....	5
Care and Maintenance.....	7
Storage and Transport.....	7
Cleaning.....	7
Cleaning the Internal Injection Sponge.....	7
Help and Technical Assistance.....	8

THIS PAGE INTENTIONALLY LEFT BLANK

Cautions and Warnings

Read this user guide, including all cautions and warnings, before you use your CAE Medicor™ skills training model. Use this product only as described in this guide. If you use it incorrectly, it may be unsafe and will void your warranty. Keep this information for future reference.

General Precautions

- Do only the procedures supported by the model as described in this user guide.
- Use needles only. Do not use or store scissors, scalpels, box-cutters, or other sharp objects with the model.
- Do not pull on the model skin. This can cause the skin to tear.
- Do not expose the model to sunlight for prolonged periods.
- Do not use or store the model near a heat source.
- Avoid contact with materials that can discolor the model.
- Do not use chemical solvents on the models.
- Clean the model with water and a light soap solution only. Do not immerse or use large amounts of liquid to wash it.

Latex Statement

- Currently, CAE Medicor products with tubing contain latex. Solutions to remove latex from our product line are in development.
- Users with latex sensitivity should use caution when replacing tubing.
- Please refer to the specific product details for information on additional latex components.

Fluids

- Use only fluid solutions made with CAE Medicor powders in our products. Do not substitute any other fluid and use fluid only as directed.
- Do not modify fluid reservoirs or any other product component.
- Protect your eyes, skin, and clothing against accidental fluid exposure. The Material Safety Data Sheet (MSDS) is available on the CAE Healthcare website.
 - May irritate eyes or skin; flush well with water.
 - May contain pigments that stain clothing; wash immediately with cold soapy water.
- Fluids are not intended for human consumption. If accidental ingestion occurs, drink a glass of water and consult a physician.

Needles

- Use only new, sharp, unbent 22 gauge needles. Smaller needles (higher than 22 gauge) can bend during use and damage the model.
- The self-healing feature of CAE MedicSkin™ applies only to needle sticks. Healing is not guaranteed if needles larger than 22 gauge, scalpels, or other sharp implements are used to cut into or pierce the model.
- Replace needles after ten uses. Dull needles can damage the model.
- Use extreme caution when using needles during training to avoid injury.

Introduction

This user guide describes the features, use, and care of the following skills training models:

- CAE Medicor Intradermal Injection Skin Pad
- CAE Medicor Intradermal Injection Skin Pad with Belt
- CAE Medicor Intramuscular Injection Skin Pad
- CAE Medicor Intramuscular Injection Skin Pad with Protection Plate and Belt
- CAE Medicor Subcutaneous Injection Skin Pad
- CAE Medicor Subcutaneous Injection Skin Pad with Protection Place and Belt

These training models are intended as platforms for the practice of injection procedures. Models with a belt may be worn by a standardized patient or manikin.



CAE Medicor Intradermal Injection Skin Pad with Belt



CAE Medicor Intramuscular Injection Skin Pad with Belt



CAE Medicor Subcutaneous Injection Skin Pad with Belt

Anatomy

The injectable skin pad models are constructed of realistic CAE MedicSkin and offered in three different skin tones. Some models have a protection plate to prevent accidental puncture when the model is being used with a standardized patient or manikin.

The anatomy of these models includes:

- Simulated dermal and muscle layers

The intramuscular and subcutaneous injection models have an internal sponge to collect injected fluid. The sponge material resists deterioration and mold generation, even after repeated injections. There is an opening to allow the sponge to drain and dry. For further information, see the *Care and Maintenance* section of this guide.

Equipment Overview

The following items are included with your shipment:

- Injectable skin pad skills trainer

The following additional items are required for training but not included in your purchase:

- Procedure equipment per local protocol

Using the Training Model

This section has information and instructions about the setup and use of the skills training model and any specific procedures.

Setup

Follow the guidelines below to unpack and set up your model:

1. Open the shipping carton:
 - Use extreme caution with sharp tools, such as a box cutter, to avoid damage to the training model or any accessories.
2. Unpack the equipment:
 - Remove the model from its shipping container.
 - Review the equipment, accessories, and supplies. See the *Equipment Overview* section of this user guide for a list of items included with this model.
3. Set up the skills training model:
 - Place the model on a very stable table or similar work surface. Belted models may be worn by a standardized patient or manikin.
 - Place the model on smooth surfaces only. Rough or uneven surfaces can leave impressions on the skin and damage the model.

Training

Our products are essential practical components to complement and enhance your training curriculum and provide a realistic simulation experience to practice the psychomotor skills needed for various procedures.

CAE Medicor products do not teach procedures or techniques. Refer to your institution or training program for more information.

THIS PAGE INTENTIONALLY LEFT BLANK

Care and Maintenance

With proper care, your training model will remain in optimal condition and ready for use.

Storage and Transport

Follow these guidelines to properly store or transport your model:

- Storage temperature degree range: 64 - 77 °F (18 - 25 °C)
- Store in a dry location protected from dust and direct contact with sunlight.
- Do not store in contact with other training models or hard objects as the pressure can damage the CAE MedicSkin tissue. Do not stack multiple training models on top of each other.
- Transport the model securely so it does not fall.
- Do not carry by the belt as this will damage the model.

Cleaning

To maximize the lifespan of the product, clean the product thoroughly after each use and before storage.

To clean the exterior:

1. Mix one cup of tap water with ¼ teaspoon of mild liquid soap (such as dish soap).
2. Gently clean the exterior with the soap mixture and a soft, non-abrasive sponge or cloth.
3. Rinse lightly with clean water.
4. Dab or pat with a clean, soft, lint-free cloth to dry the product after cleaning. Do not wipe or rub the skin, which can damage it.
5. Make sure the model is completely dry for storage.

Cleaning the Internal Injection Sponge

The intramuscular and subcutaneous models have an internal sponge. When training is complete, or anytime the sponge is full, follow these steps:

1. Remove the cap of the opening on the skin pad.
2. Press or squeeze to expel fluid.
3. Allow the sponge to drain and dry completely before replacing the cap and storing.

Note: The intradermal model does not have a sponge. Remove any injected fluid by using the syringe and needle to extract it at the same locations where it was injected.

Help and Technical Assistance

For assistance, contact CAE Customer Support. Contact information for all regions is available on the back cover of this guide and on the CAE Healthcare website.



Healthcare

For more information about CAE products, contact your regional sales manager or the CAE distributor in your country, or visit caehealthcare.com.

Tel +1941-377-5562 or 866-233-6384

For customer support, please contact CAE.

Customer Support Headquarters - United States

Monday - Friday from 7:00 a.m. to 6:00 p.m. ET

Phone 1-866-462-7920

Email: srqcustomerservice@cae.com

Customer Support - Canada

Monday - Friday from 8:00 a.m. to 5:00 p.m. ET

Phone 1-877-223-6273

Email: can.service@cae.com

Customer Support - Europe, Middle East, and Africa

Monday - Friday from 8:00 a.m. to 5:00 p.m. CET

Phone +49 (0) 6131 4950354

Email: international.service@cae.com

Customer Support - United Kingdom and Ireland

Monday - Friday from 9:00 a.m. to 5:00 p.m. GMT

Phone +44 (0) 800-917-1851

Email: uk.service@cae.com

Customer Support - Latin America

Monday - Friday from 9:00 a.m. to 5:00 p.m. BRT/BRST

Phone +55 11 5069-1510

Email: la.service@cae.com

Customer Support - Asia Pacific

Monday - Friday from 8:00 a.m. to 5:00 p.m. CET

Phone +49 (0) 6131 4950354

Email: ap.service@cae.com