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| **Mobile :** | +91 88495 63724 | **Email:** | sem@semtrainers.com |
| **Mobile 1:** | +91 98791 03905 | **Website:** | www.semtrainers.com |

# Life/form® Adult Sternal Intraosseous Infusion Simulator

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| Item No. | LF04200U |
| Weight | 7.611kg |
| Make: | Nasco Healthcare, USA |

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**SKU:**

**Categories:**Intraosseous

## Product Description

The Life/form® Adult Sternal Intraosseous Infusion Simulator is a first of its kind dramatic training aid designed to demonstrate, simulate, and prepare all levels of health care professionals for use of the sternal intraosseous approach. Created with the consultation of experts that developed this technique, incredible realism and accurate landmarks will allow students to simulate this new life-saving procedure with skill, confidence, and accuracy. This procedure is a quick and simple alternative to conventional IV infusion. It saves time and saves lives in demanding emergency environments. The simulator uses a replaceable bone that is designed to be rotated and punctured several times, extending the life of the simulator. The sternum may be filled with simulated blood to better visualize true flashback. The kit includes: 10 replaceable simulated bones that should allow at least 10-12 punctures, syringe with

tubing, blood mixture and a hard carrying case.

**Why Choose the Life/form® Adult Sternal Intraosseous Infusion Simulator for Your Simulation Lab in India?**

The Life/form® Adult Sternal Intraosseous Infusion Simulator (Item No. LF04200U) by Nasco Healthcare, USA is a 7.611 kg first-of-its-kind dramatic training aid designed to simulate and prepare all levels of healthcare professionals for use of the **sternal** intraosseous approach — a distinct and clinically critical IO access site that no tibial IO trainer can replicate. Developed in consultation with the experts who created this technique, the simulator features incredible realism and accurate anatomical landmarks, giving trainees the confidence, skill, and accuracy to perform this life-saving procedure under pressure. For ACLS training centres, military and pre-hospital training programmes, emergency medicine residency courses, and advanced nursing simulation labs in India, the sternal IO approach is a quick and simple alternative to conventional IV infusion in demanding emergency environments where peripheral and tibial access has failed or is unavailable.

The simulator uses a replaceable bone specifically designed to be rotated and punctured multiple times — each bone yields at least 10 to 12 punctures before replacement, extending the usable life of the simulator significantly beyond single-use designs. The sternum may be filled with simulated blood to visualise true flashback on correct needle placement, training the aspiration confirmation step that validates sternal IO position before infusion begins. Accurate surface landmarks allow trainees to locate the correct sternal IO insertion site correctly under time pressure — the same requirement they will face in a real emergency when conventional access has been exhausted. The simulator pairs with the Adult Intraosseous Infusion Simulator (LF03830) for training centres that need both tibial and sternal IO approaches covered in a single simulation curriculum.

Included in the kit: 10 replaceable simulated bones, a syringe with tubing, blood mixture, and a hard carrying case for organised storage and transport.

**Why Buy from SEM Trainers?** SEM Trainers & Systems is an authorized distributor of Nasco Healthcare products in India with over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support. All products carry genuine manufacturer warranty.

**Frequently Asked Questions**

**Q: How does this differ from the Adult Intraosseous Infusion Simulator (LF03830)?** A: LF03830 trains the tibial IO approach. This simulator (LF04200U) trains the sternal IO approach — a distinct anatomical site and technique requiring a dedicated trainer. For complete IO training covering both sites, both simulators are needed.

**Q: How many punctures can each replacement bone handle?** A: Each bone is designed to be rotated and punctured multiple times, yielding at least 10 to 12 punctures before replacement — reducing consumable costs compared to single-puncture designs.

**Q: What is included?** A: 10 replaceable simulated bones, a syringe with tubing, blood mixture, and a hard carrying case.