Abdominal Injection Simulator



The abdominal injection simulator is a training tool designed to teach subcutaneous injections and the placement of infusion sets for insulin pumps. It allows users to practice proper techniques on a realistic abdominal area without using a live patient.

Its flexible abdomen helps learners understand injection placement, site rotation, and how to avoid the recommended area around the navel. Its realistic skin and simulated abdominal tissue provide a suitable training aid for nursing education, diabetes self-management education, and self-injection training.

Technical Specifications

Technical Specifications – Abdominal Injection Simulator	
Product Type	Abdominal Injection Simulator
Skills Practiced	Subcutaneous injections, self-injection, insertion of infusion sets for insulin pumps
Simulated area	Abdomen
Structure	Realistic skin with simulated abdominal tissue
Educational safety	Soft plastic backing that limits the full penetration of needles
Training fluid	Distilled water only
Products Not to Be Used	Insulin or actual medications
Shipping weight	Approximately 0.45 kg
Box dimensions	10 x 6 x 1.25 inches

Uses

- training in subcutaneous injection;
- learning how to set up infusion sets for an insulin pump;
- training in self-injection with a pen;

- therapeutic education for patients with diabetes;
- training in nursing, paramedical care, or clinical skills laboratories.

FAQ – Abdominal Injection Simulator

Can insulin or real medications be used with this simulator?

No. The instructions state that you should not use insulin or real medications, as they can damage the material.**Distilled water** is recommended for the exercises.

Why is it important to practice rotating injection sites?

Rotating injection sites helps students learn to vary the injection areas and avoid repeated injections in the same spot, which aligns with best practices taught in subcutaneous injection training.

Can the simulator be reused?

Yes, it can be used for multiple training sessions. However, the instructions specify that it is considered disposable, and that rotating injection sites and using smaller needles can help extend its lifespan.