

Manikin Infant Care – Training in Pediatric and Neonatal Care



The **Infant Care Mmanikin** is a realistic educational tool designed for learning and practicing **pediatric and neonatal nursing care**. Reproducing the general anatomy of a newborn, it allows learners to practice numerous common care procedures and techniques in a training environment.

With its **depicted internal organs, interchangeable genitalia, and articulated limbs**, this man manikin offers a wide range of simulation possibilities. It is particularly well-suited for nursing training institutions, childcare schools, and healthcare professionals seeking to develop or maintain their infant care skills.

A realistic manikin for learning newborn care

The trainingmanikin features a body shape similar to that of a newborn. Its head, arms, and legs are movable, allowing users to replicate various positions and procedures encountered in pediatric care.

The mobility of the joints facilitates handling, positioning, and care exercises. The flexible ears and palpable fontanelles enhance the anatomical realism of the manikin and allow learners to become familiar with certain physical characteristics of infants.

What types of care can be practiced with the infant “manikin”?

This **infant medical simulationmanikin** allows users to practice several basic care techniques and specialized nursing procedures:

- **Tracheostomy care:** training in the insertion and maintenance of a tracheostomy tube
- **Urinary catheterization:** learning male and female bladder catheterization

- **Tube feeding:** practice inserting a feeding tube nasally or orally
- **Enema administration:** simulation of the placement and administration of an enema
- **Injections:** exercises in intramuscular and subcutaneous injections in the designated areas
- **Anatomical palpation:** locating fontanelles and palpating the testicles
- **General Care:** Handling, positioning, and routine care procedures for infants

Training in male and female urinary catheterization

The manikin features **interchangeable male and female genitalia**. This design allows students to learn about the anatomical and technical differences encountered during **urinary catheterization in infants**.

Exercises can thus be performed on a single manikin, eliminating the need for two separate models. This versatility is an advantage for organizing practical nursing and pediatric care sessions.

Training in intramuscular and subcutaneous injections

The **pediatric care manikin** also **allows for** the practice of injections on designated training areas, particularly on the thigh and buttocks.

Instructors can thus guide students in mastering technical procedures, locating injection sites, and handling equipment during simulation exercises.

Training in Tube Feeding and Tracheostomy Care

The “manikin” allows users to practice **inserting a feeding tube through the nose or mouth**. This feature supports learning the procedures involved in enteral feeding for infants.

It also allows students to practice the **placement and care of a tracheostomy tube** as part of educational sessions focused on pediatric technical care.

Internal Organs and Removable Abdomen

The “manikin” features a **removable abdominal wall** that provides access to the depicted internal anatomical structures.

It includes, in particular:

- A heart
- Lungs
- A stomach
- An intestinal tract
- A bladder

This setup allows students to combine the performance of technical procedures with a better understanding of the infant's anatomy and the organs involved in care.

Palpable fontanelles and anatomical mobility

The head of the manikin has a flexible surface that allows learners to **palpate** the enables them to identify these anatomical landmarks characteristic of the neonatal period.

The articulated limbs and head also facilitate positioning and handling exercises, which are essential for learning infant care.

An educational tool for medical training institutions

The **Infant Care Manikin (manikin)** can be used in various training settings:

- Nursing training institutes (IFSI)
- Childcare training programs
- Schools and training centers for healthcare professionals
- Pediatric and neonatal care education
- Practical medical simulation workshops
- Refresher sessions on infant care procedures

It allows participants to practice procedures in an educational setting before performing them in a real clinical setting.

Components of the Infant Care “ manikin ”

The infant care manikin comes with the anatomical components and accessories needed for the main educational scenarios:

- Manikin Newborn care
- Interchangeable abdominal parts and male and female genitalia
- Internal organs represented: heart, lungs, stomach, intestines, and bladder
- Injection practice areas
- Syringe
- Suction tube
- Feeding tube
- Bladder catheter
- Adhesive urine collection bag
- Catheter lubricant
- Carry bag

Technical specifications of the manikin

- **Simulated Patient:** Newborn
- **Anatomical configurations:** interchangeable male and female
- **Mobility:** articulated head, arms, and legs
- **Abdomen:** removable wall with internal organs
- **Educational functions:** tracheostomy care, urinary catheterization, tube feeding, injections, enemas, and anatomical palpation
- **Length:** approximately 52 cm
- **Weight:** approximately 2.5 kg
- **Transport:** carrying bag included

Benefits of the Infant Care manikin

- Realistic reproduction of a newborn's anatomy
- Numerous opportunities for pediatric care training
- Interchangeable genitalia for male and female exercises
- Training in catheterization and tube feeding
- Training in intramuscular and subcutaneous injections
- Option to practice tracheostomy care
- Removable abdomen with depicted internal organs
- Palpable fontanelles
- Movable head and limbs
- Educational accessories and carrying case included

MMF, a provider of medical training and simulation manikins

MMF provides healthcare professionals, instructors, and educational institutions with **medical simulation manikins** designed to teach technical procedures and patient care.

The infant care manikin is a versatile educational tool for developing **pediatric and neonatal nursing** skills, thanks to its numerous features and training accessories.