

CLINICAL SKILLS PATIENT SIMULATOR

Juno

Juno is a mid-fidelity simulator designed to offer comprehensive training for clinical nursing skills, including tracheostomy, ostomy and oral care.

With realistic articulation, this clinical skills manikin can sit upright at a full 90-degree angle and is ideal for:

- Fluid administration (eyes and ears)
- Intramuscular injections
- Intravenous insertions
- Care and maintenance of:
 - Nasogastric tubes
 - Chest tubes
 - Stomas
 - Tracheostomies

Add to the realism of conflicting patient priorities by running synchronized simulations on multiple Juno manikins simultaneously.



TECHNOLOGY THAT ADAPTS TO YOUR NEEDS

Boost clinical experiences by easily adding an electronic package that includes:

- Pulse and non-invasive blood pressure arm with unilateral radial and brachial pulses*
- A tablet providing access to Maestro instructor-driven software
- Heart, lung and bowel sounds to detect normal and abnormal functions
- 4-lead ECG monitoring for rhythm display

PREPARING TOMORROW'S CLINICIANS TODAY

Mobile and easy to use, Juno expands learning opportunities for various clinical situations.

Moulage Magic

Buy inserts that already feature relevant (and realistic) moulage, saving you time and money.

Oral Care

Learn proper oral hygiene, including removing Juno's bottom teeth to practice denture care.

Ostomy Practice

irrigate and suction using real fluids to care for and maintain three ostomy sites.

Technical Specifications

MANIKIN

Dimensions: 64" H x 20.5" W x 10" D (162.56 cm x 52.07 cm x 25.4 cm)

Approximate Weight: 50 lbs. (22.7 kg), varies depending on options

ELECTRICAL

AC Input: AC 115-230VAC, 50/60Hz

2 internal batteries: 15V 3.20Ah lithium-ion, rechargeable

Manikin battery life: Approximately 4 hours

Available in two skin tones: Medium Dark

Available in two models: Base (no electronics) and Complete (electronics)

Standard Equipment

Software-compatible tablet (Complete)

Maestro software suite—instructor-driven (Complete)

One Maestro Standalone license (Complete)

Includes 10 simulated clinical experiences (Complete)

- Chronic heart failure exacerbation
- Gastrointestinal bleed secondary to esophageal varices
- Skills validation
- Asthma management of a patient in home-care setting
- Postoperative care of the patient with complications: pneumonia
- Suctioning and tracheostomy care with hypoxia
- Basic assessment of the hip-replacement patient
- Postoperative care of the patient with a ruptured diverticulum
- Seizure disorder and moderate learning disability
- Dementia and urinary tract infection in a patient with DNR orders

Electronic user guide (Complete)

One year of Express warranty plan

Optional Equipment

Patient monitor computer (Complete) Breast exam accessory

Interchangeable mouldaged wound inserts Fundus assessment accessory

Post-mastectomy accessory Articulating arms

Ultrasound training IV arm or ultrasound insert for venous cannulation and infusion

Optional Software

Six additional learning modules (Complete)

Key Features & Benefits

Airway (assess and manage airway)

Oral and dental hygiene care Endotracheal tube placement

Nasal packing Tracheostomy tube placement

Nasopharyngeal and oropharyngeal airway placement Endotracheal tube and tracheostomy tube suctioning with fluids

Bag-valve-mask (BVM) ventilation

Articulation

Realistic articulation

Range of motion in hips, knees, ankles, shoulders, elbows and wrist

Cervical motion for practice of patient stabilization

Cardiac (Complete) (assess and manage cardiac status)

Defibrillation and cardioversion via software

4-lead ECG monitoring with real equipment

12-lead dynamic ECG display

Circulation (assess and manage perfusion status)

Unilateral blood pressure measurement by auscultation and palpation (Complete)

Bilateral carotid pulses (Base)

Unilateral radial and brachial pulses with programmable intensities (Complete)

Unilateral subclavian catheter insertion for care and maintenance

Gastric and urinary

(assess and manage gastrointestinal and genitourinary status; deliver and manage medications and fluids; perform catheter and enema insertions)

Nasogastric tube insertion and gastric lavage and gavage with fluids

Ostomy care and irrigation of a variety of configurable stomas

Enema administration with fluids

Urinary catheterization with fluids

Interchangeable genitalia

Medication Administration

Eye and ear irrigation

Six intramuscular locations for medication administration: bilateral deltoids, bilateral vastus lateralis, ventrogluteal and dorsogluteal

Respiratory (assess and manage breathing)

Manual bilateral chest rise and fall with BVM ventilation via face mask, endotracheal tube and tracheostomy tube

Bilateral chest tube insertion for care and maintenance

Sounds (Complete)

Auscultation of normal and abnormal heart, lung and bowel sounds

Prerecorded speech and vocal sounds

Bidirectional audio communication between manikin and operator

Vascular Access (manage intravenous and intraosseous access for medication delivery)

Unilateral IV cannulation at antecubital and dorsum of hand

Fluid and medication administration

Blood draw with vacuum-sealed blood collection system