

Nursing Catalog



**Nursing Clinical Lab
as per
INC Guidelines**



SEM TRAINERS & SYSTEMS

WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE

SEM - Scientific Educative Methods in Science, Engineering & Medicine

Researchers Designers & Consultants
(Simulations & Training Methodologies)



A center for the dissemination of
simulation training methodologies in
Science, Engineering & Medicine

Think Tank and Consultants
in Medical Clinical Skills Laboratories

 Shop No. 7, Saibaba Apartment,
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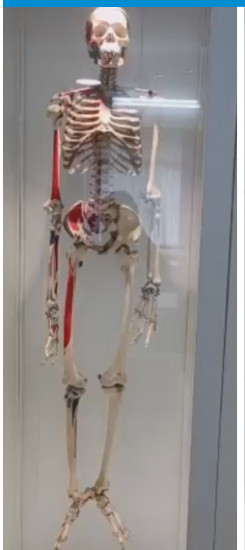
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 **Gujarat** : 97256 80788 / 78629 28520

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PLANNING A CLINICAL SKILLS LAB

With Over 3000+ customers, using over 3500 Manikins and Medical Simulators in more than 250+ Cities and Towns across all over India covering 10,000+ models, Manikins, Simulators, from over 10 leading International USA and European, manufacturers from under one source.

SEM Trainers & Systems will reach out to you.



400+

Experience



320+

Clinical Labs



3000+

Customers



250+

Cities



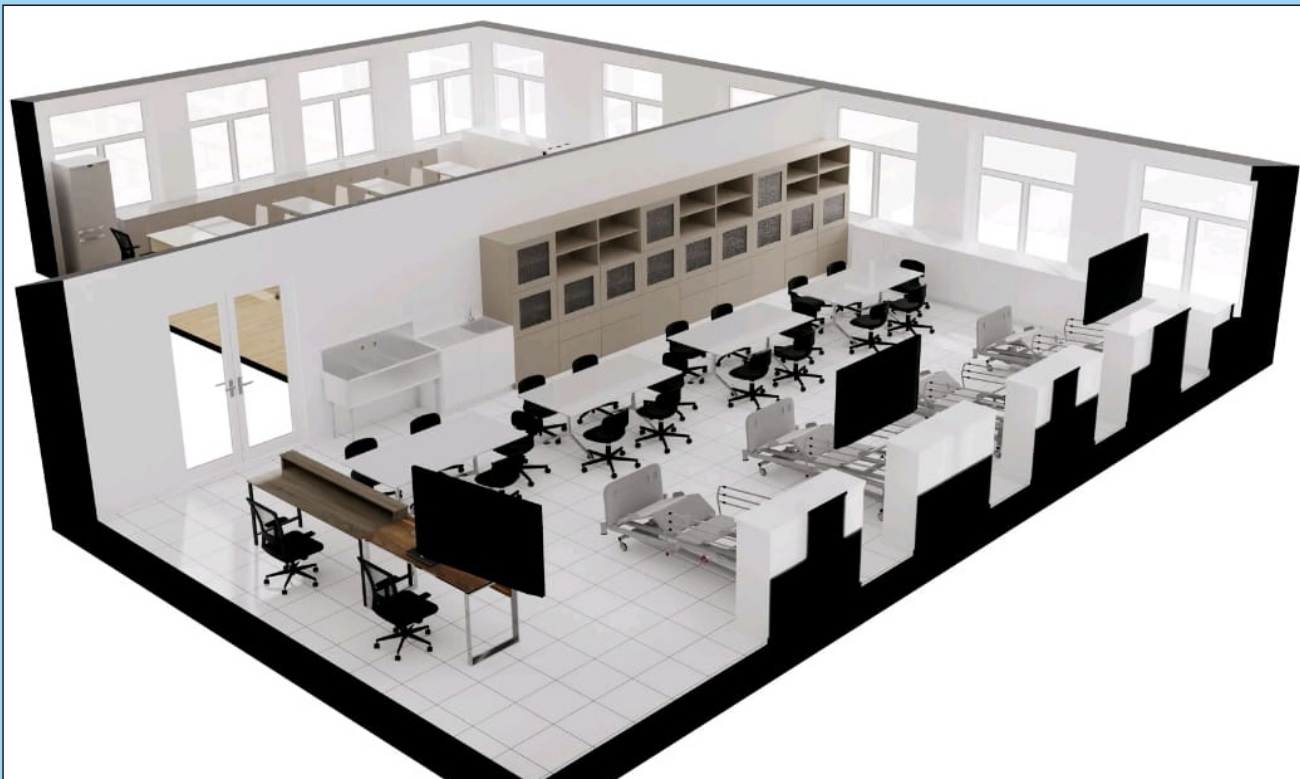
10000+

Models



10+

Manufacturers



Partial List of Skills Lab Set Up All India

- CARE India Patna Bihar.
- Mahatma Gandhi Institute of Nursing science Wardha.
- Armed Forces Medical College Pune.
- Kamineni Institute of Medical Sciences Hyderabad.
- Kokilaben Dhirubhai Ambani Hospital Mumbai.
- Jawaharlal Medical College Belgaum.
- BLDE University Shri B M Patil Medical College Bijapur.
- Symbiosis Center For Healthcare Pune.
- Era 's Medical College Lucknow.
- Army school of Nursing Guwahati.
- Vinoba Bhave Hospital Silvasa.
- Sewarural Jhagadiya Gujarat.
- SDM Medical College Dharwar.
- D Y Patil Hospital and Medical Research Center Kolhapur.
- Apollo Hospital Bilaspur.
- Maniba Bhula institute of Nursing Science Bardoli.
- Krishna Institute of Nursing Sciences Karad.
- Government K.G Hospital for women and children Chennai.
- Fedearation of Obstetrics & Gynecological Societies (60 Medical colleges) of India (FOGSI).
- Everon Skills Development Chennai Tamil Nadu.
- State Family Welfare Bureau Directorate of Health Services (77 Civil Hospitals & ZP) Government of Maharashtra.
- AIIMS Patna
- KLE Medical College Belgaum
- Directorate of Health Services Odhisa.
- Government Institute of Medical Sciences Noida
- Mahatma Gandhi Mission Institute of Health Sciences Mumbai
- Shri Atal Bihari Vajpayee Medical College and Research Institute Bengaluru
- Lala Lajpat Rai Memorial Medical College Meerut
- G.M.E.R.S Medical Colleges Gujarat
- School of Medical Assistants INHS Asvini Mumbai
- Ayurved College and Research Center Pune
- AIIMS Patna
- KLE Medical College Belgaum
- Directorate of Health Services Odhisa.



SEM Understands



- The challenges involved in saving life in hospitals or disaster sites.
- Saving life begins with the right knowledge and appropriate training methods. Saving life begins with appropriate learning and training equipment's.
- The supreme importance of quality and excellence
- The prime importance of affordability to all.
- Combined excellence in quality, appropriate training equipment's & right affordability
- The best and most comprehensive range of appropriate training equipment's.
- Highest world class quality ISO-DIN 9001 Quality Certification Standard Worlddidac Quality Charter
- Lowest Costs - Factory to your door - delivery anywhere in India
- Highest medical safety, portability, durability, medical fidelity
- Certified by world renowned agencies to be “within limits for toxic and carcinogenic contaminations and emissions.”



ABOUT NASCO HEALTHCARE , USA (MANUFACTURER- OEM)

Nasco Pioneers in Medical Procedures Techniques and EMS Simulators

- The Company with the largest number of Industry "Firsts"
- Nasco-Simulaids Pioneers In Creating "Hands-On" Training Materials
- First to introduce CPR Baby Manikins,
- First to introduce Fire and Water Rescue Manikins,
- First to introduce Intubation Heads
- First to introduce Silicone in manufacturing Manikins
- First to introduce hand held Personal Digital Assistants and now Ipads:
- First to introduce Moulage Wounds for US Armed Forces
- Pioneers in the field of Smart Manikins for EMS-Trauma Training
- Pioneers-Largest variety of patch on/strap on Wounds for every perceived Medical Emergency.
- Nasco the Leading Name-Brand in Medical Education for the last 75 Years
Over 96,000 unique products in Education and Training sold in over 180 countries
- Nasco has the largest base of Training Materials in all Medical, Biological Sciences, in the world
- Nasco-Simulaids has a Manikin-Simulator for training in every known Medical Condition
- Manikins designed by Specialists and Clinicians in Nursing, Medicine, Pediatrics Surgery EMS
- Lowest ever International Prices ruling since last twenty years
- Covered under ISO 9001 and ISO 13485 Quality Charters and IEC Standards
- Nasco Plastics covered under internationally renowned Trade Marks Names and Patents
- Designs Innovatively simple Didactically focused and rugged Easy to use light weight
- Physiologically-Anatomically Accurate Correct, functional in all specific techniques taught
- Materials have realistic Anthropomorphic visual appearance, appropriate palpable features
- Durable long lasting life cycles of over 10 years



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Be extra careful of Foreign Companies dumping 2nd hand used Manikins in India

1. Can be contaminated with bacterial infectious loads
2. Leeching of Toxic, flammable additives accelerated in age hardened rubbers plastics
3. Manikins are never fumigated sterilized at point of import into India
4. Manikins are made from various Plastics Rubbers. Subject to brittle age hardening
5. Life of Manikins is very residual due to brittle age hardening. (1-2 years)
6. No Spares and parts will ever be available
7. Skills on Manikins may not reflect BEST CURRENT MEDICAL PRACTICES
8. Companies DO NOT DECLARE items to be 2nd Hand. Practice downright DISHONESTY
9. You become a VICTIM of STRUCTURED OBSOLESCENCE for Commercial gain only 11: Dishonesty destroys all SANCTITY in the chain of Learning-Training
10. When Commercial Interests are paramount, DISHONESTY becomes the Foundation
11. Any Learning-Training is a NOBLE venture particularly MEDICAL EDUCATION
12. In plain terms you are cheated. "Taken for a ride"

Do not get carried away by Cheap low Prices, Huge Discounts,
Examine issues of Quality, Overall Life Utility Cycle of Manikin,
Durability, Accuracy and Simplicity of Use

DO NOT GET CHEATED: GET CORRECT GUIDANCE
From:
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INC Skill lab Guidelines

I. NURSING FOUNDATION & MEDICAL SURGICAL NURSING LABORATORY

This laboratory will also have facilities for practice of Advanced Nursing.

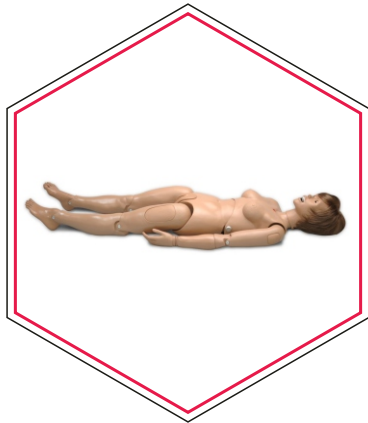
A. Manikins/Simulators and Equipments

S.No.	Items	Quantity
1.	Manikins/Simulators for demonstrating nursing procedures	
	Adult male	2
	Adult female	5
	CPR	1
	IV arm (trainer)	2
	IM injection trainer	2
	ID injection trainer	2
	Catheterization trainer (male/female)	1 each
	Ostomy/stoma simulator (Colostomy/Gastrostomy)	1
	Airway suction trainer	2
	Chest tube manikin	1
	Lung examination trainer/auscultation trainer	1
	Nasogastric tube feeding trainer/simulator	1
2.	Furniture	
	Patient cots-Adult	10
	Bed side locker	10
	Stool/Chair	10
3.	Trays of different sizes (plastic)	
	- 24" x 16"	10
	- 14" x 10"	10
	- 11" x 9"	6
	- 8" x 5"	6
4.	Trays with cover (stainless steel)	
	- 24" x 16"	2
	- 14" x 10"	6
	- 11" x 9"	6
	- 8" x 5"	10

Nursing Foundation & Medical Surgical Nursing Laboratory

Manikins for Demonstrating Nursing Procedure :

Sr.No.	Description	Qty	Model No.	Item Name
1	Adult Male	2	SB23541 L	Simple Simon Light
2	Adult Female	5	SB23540 L	Simple Susie Light Skin
3	CPR	1	Prestan	Prestan Adult CPR Manikin
4	IV Arm (Trainer)	2	7010	Training arm for intravenous injection and infusion
5	IM Injection Trainer	2	LF00961	Intramuscular Inj Sim
6	ID Injection Trainer	2	LF01008	Simulator Intrderml Inject
7	Catheterization Trainer (Male/Female)	1	LF00843	Male/female Catheter Trainer
				OR
			LF00857	Male & Female cath Simulatrs
8	Ostomycare Simulator (Colostomy/Gastrostomy)	1	LF00906	Ostomy Care Simulator
9	Airway Suction Trainer	2	LF01174	Ng Tube&trach Skills Sim
10	Nasogastric Tube Feeding Trainer/Simulator	1		Procedure available in the above Model No. LF01174
11	Chest Tube Manikin	1	LF03770	Chest Tube Manikin
12	Lung Examination Trainer/Auscultation Trainer	1	LF01142	Auscult Trainer W/scope





Simple Simon® (Male) - Light

Model No. SB23541(L) Sh. wt. 34 lbs.

Make: Gaumard, USA



- Simulate a number of exercises from transverse colostomy management to tracheotomy, from intramuscular injection to ophthalmological treatment
- Joints are strong and movements lifelike, even to the extent of permitting pronation and supination of the forearm
- Comes without internal tanks
- Genitals are not interchangeable

The manikin offers these additional features:

- Articulating head, jaw, elbows, wrists, ankles, and knees
- Bathing and bandaging
- Enema administration
- Eyes open and close
- Instruction manual
- Intramuscular injection
- Nasal and oral tube placement
- NG and OG tube feeding and gastric suction
- Opening for gastrostomy
- Ophthalmic exercises
- Catheterization exercises
- Otic drops and irrigation
- Soft, realistic face skin, hands, feet, fingers, and toes
- Wig for hair care exercises
- Tracheotomy placement
- Transverse colostomy, ileostomy, and suprapubic stomas to practice irrigation
- Upper and lower dentures for oral hygiene
- Meets OBRA requirements



Simple Susie® (Female) - Light

Model No. SB23540 L

Make : Gaumard, USA



- Simulate a number of exercises from transverse colostomy management to tracheotomy, from intramuscular injection to ophthalmological treatment
- Joints are strong and movements lifelike, even to the extent of permitting pronation and supination of the forearm
- Comes without internal tanks
- Genitals are not interchangeable

The manikin offers these additional features:

- Articulating head, jaw, elbows, wrists, ankles, and knees
- Bathing and bandaging
- Enema administration
- Eyes open and close
- Instruction manual
- Intramuscular injection
- Nasal and oral tube placement
- NG and OG tube feeding and gastric suction
- Opening for gastrostomy
- Carry bag
- Ophthalmic exercises
- Catheterization exercises
- Otic drops and irrigation
- Soft, realistic face skin, hands, feet, fingers, and toes
- Wig for hair care exercises
- Tracheotomy placement
- Transverse colostomy, ileostomy, and suprapubic stomas to practice irrigation
- Upper and lower dentures for oral hygiene
- Vaginal douching and Pap smear exercise
- Meets OBRA requirements



Prestan Adult CPR Training Manikin

Model No. : PP-AM-100M

Make : Prestan, USA



Professional-quality manikin at a fraction of the cost! Comprehensive design allows for practice of Heimlich maneuver and abdominal thrusts, as well as CPR and mouth-to-mouth breathing. Realistic anatomical markings (Adam's apple, carotid arteries, navel, rib cage, chest notch) make it easy to learn correct hand placement for checking pulse, performing chest compressions, and more.

Prestan Professional CPR-AED Manikins are now approved for use by American Heart Association for the American Red Cross layperson and professional rescuer training courses.

Realistic to the eye and the touch, the Prestan Adult Professional Manikin is unlike any other on the market. Prestan manikins are uniquely designed as a clamshell and accommodates an easy-to-insert face shield/lung bag.

The Prestan manikins are equipped to be used with ANY AED trainer on the market today. The manikins come in three skin tones: Light, medium, and dark, and come with or without the CPR Monitor. They come individually, in a convenient four pack, or in a "Family Pack," consisting of an adult manikin, a child manikin, and an infant manikin.

Compression Clicker sound to give feedback and Compression Depth

2019 AHA Compliant with CPR Rate Monitor: Prestan's revolutionary new CPR Rate Monitor allows for instant feedback to both instructor and student regarding the rate of chest compression. This allows each student to gauge their rate of compressions on their own as well as allowing the instructor to monitor several students quickly and easily.

Product Dimensions and Weight:

- Weight: 7 lbs.
- Dimensions: 7" x 14" x 23"

Contents:

- Prestan Adult Manikin
- (OPTIONAL CPR Monitor)
- 10 Lung Bags
- Instruction Sheet
- 1 Nylon Carrying Case



- Red light: 1 to 59 compressions per minute
- Yellow light: 60 to fewer than 79 compressions per minute
- One green light: 80 to 99 compressions per minute
- Two green lights: 100 compressions per minute



Training arm for intravenous injection and infusion

Model No. 7010 Make : Erler Zimmer, Germany



- The high-quality Erler Zimmer injection arm offers a wide range of application possibilities for professional and realistic training of blood collection, ideally suited for the training and further education of medical personnel.
- The injection arm is very lifelike, especially in terms of the puncture feeling, requires hardly any care and has skin and veins that can be changed easily and quickly.
- This unbeatable value for money model is particularly suitable for group training. The wear parts are easily changed by the user and cost a fraction of comparable competitor products, so you can let your practitioners practice as often as they like.
- 5 year warranty, manufactured in Germany.

Ideally suited for:

- Intravenous injection
- Intravenous infusion
- Blood collection
- Palpation of veins
- Placement of a venous access

Scope of delivery:

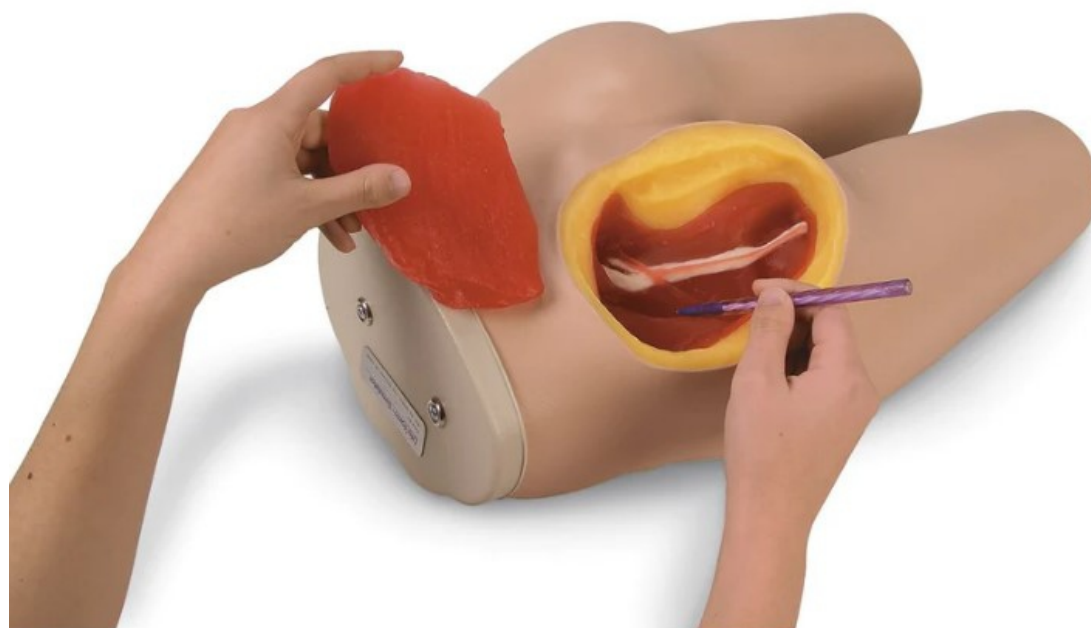
- 1x adult injection arm incl. skin and venous system
- 1x arm support
- 4x fluid container
- 1x 250ml artificial blood
- 1x stand for artificial blood
- 1x product manual



Intramuscular Injection Simulator

Model No. : LF00961U Sh. wt. 18 lbs.

Make : Nasco Healthcare, USA



- Simulated bony structure is embedded in the torso and represents the superior end of the femur, or greater trochanter, the posterior superior and anterior superior iliac spines, and the sacrum
- Bony structure provides palpable anatomical landmarks to identify proper injection sites
- Section of the upper, outer quadrant of the left gluteal area is cut away to visualize the underlying structures
- Gluteus medius and gluteus maximus muscles, sciatic nerve, and vascular structures are clearly shown
- 3 types of intramuscular injections can be taught and practiced on this simulator: dorsogluteal, ventrogluteal, and vastus lateralis injections
- Extremely realistic skin and muscle textures, as well as bone shape and position, closely resemble a live patient
- Perforation of the tissue with a needle duplicates the sensation of administering an actual injection
- Includes instruction manual, supply of syringes, and hard carry case
- 5-year warranty

Consumables & replacement parts Model No.

Replacement Muscle Sh. wt. 0.50 lbs.

LF00963U



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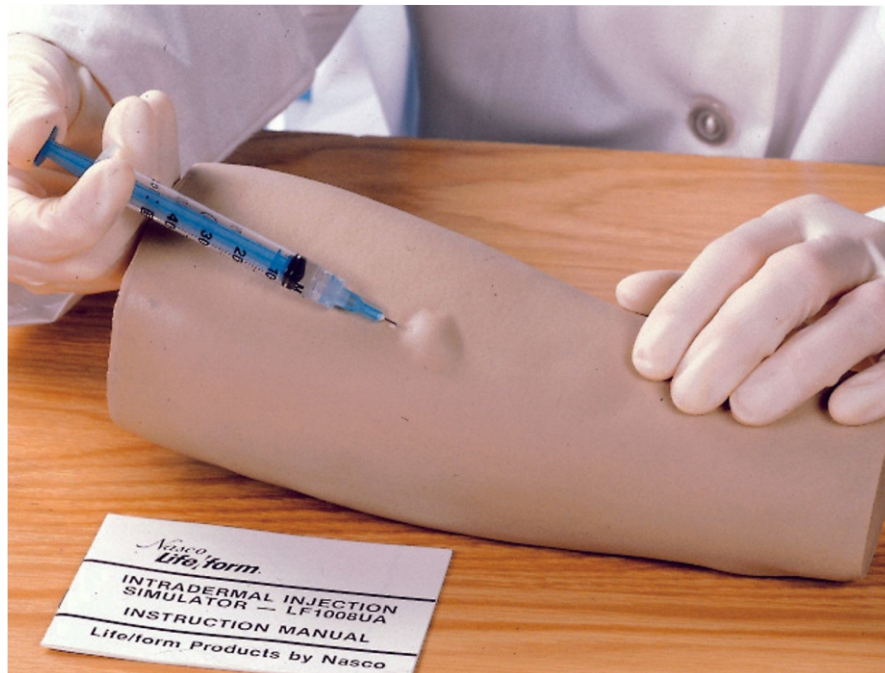
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Intradermal Injection Simulator

Model No. : LF01008U Light Sh. wt. 2.25 lbs.

Make : Nasco Healthcare, USA



- Practice intradermal injections safely and conveniently with the Life/form® Intradermal Injection Simulator
- Unit consists of a casting molded from a real forearm from the wrist to just below the elbow
- Life/form® soft vinyl skin provides realistic feel and appearance to ensure a realistic training experience
- 8 sites for practicing intracutaneous injections
- If fluid is properly injected, a characteristic skin welt will form
- Welt is removed by withdrawing the fluid after practice
- Each site is reusable by dozens of students
- Includes arm section with 8 injection sites, 2-oz. bottle of liquid skin repair, syringe, instruction manual, and storage box
- Included intradermal sealant (LF01009U) will extend the life of skin; however, skin is not replaceable and the simulator will eventually need replacement
- 13 in. x 11 in. x 5 in.
- 5-year warranty

Consumables & replacement parts Model No.

Intradermal Sealant 2-oz. bottle. Sh. wt. 0.25 lbs.

LF01009U



Male & Female Urinary Catheterization Trainer

Model No. : LF00843U Sh. wt. 19 lbs.

Make : Nasco Healthcare, USA



New and improved urinary catheterization trainer with soft, realistic material, male genital insert with foreskin, female genital inserts, urinary and suprapubic catheterization

capabilities, and rectal suppository and enema features included.

• Includes:

- o Soft Female Genital (1)
- o Soft Male Genital (1)
- o Simulator Lubricant 2 oz. (1)
- o 16 French Foley Silicone Catheter
- o Genital Housing Unit (1)
- o 1 qt. Simulated urine
- o Reusable Fluid Supply Bag
- o Bladders (3)
- o Foreskins (3)
- o Suprapubic Skin (3)
- o Syringe (1)
- o Baby Powder (1)
- o Hard carry case
- Fluid supply stand not included
- 5-year warranty



Male & Female Catheterization Simulator Set

Model No. : LF00857U Sh. wt. 33 lbs.

Make : Nasco Healthcare, USA



- A lubricated catheter can be inserted in the urethral orifice, passed through the urethra, and into the bladder
- Student will feel normal restrictions caused by the mucosal folds, bulbous urethra, and internal urethral sphincter, just prior to entrance into the bladder
- Teaches proper positioning and movement of the penis to allow the catheter to pass easily
- Simulator is the lower torso of a middle-aged woman with thighs abducted for proper position during catheterization
- Includes a bladder reservoir, patient urethra, and a valve simulating the internal urethral sphincter
- Normal feeling of resistance and pressure is experienced as a catheter is passed through the urethra, past the sphincter, and into the bladder
- When the catheter enters the bladder, artificial urine (water) will flow from the catheter
- External genitalia and perineum are molded in lifelike form
- Labia minora can be spread apart naturally to reveal the clitoris, urethral opening, and vaginal introitus
- Includes lubricant, silicone catheter, instruction manual, and hard carry case
- 5-year warranty

Consumables & replacement parts	Model No.	Consumables & replacement parts	Model No.
Foley Catheter, Silicone Each. Sh. wt. 0.25 lbs. • 16 FR 5 cc Pkg. of 10. Sh. wt. 0.63 lbs.	LF01127U LF01128U	Nasco Cleaner Sh. wt. 0.88 lbs. • Use to remove stubborn stains from simulators and trainers • 12-oz. bottle	LF09919U
Fluid Administration Set Sh. wt. 0.25 lbs. • With special adapter for Male and Female Catheterization Simulators • Includes fluid bag with tubing and a fitting	LF01098U	Catheter Obstruction Tool Sh. wt. 0.38 lbs. • Use to clear any obstructions within the urethra • Comes in a zipper closure bag with lubrication and instructions	LF00844U
Fluid Supply Stand Sh. wt. 4 lbs. • 5 in. x 8 in. base, 5/16 in. steel hooked rod	LF01022U		
Lubricant Kit Sh. wt. 0.88 lbs. • 2-oz. bottle • Pkg. of 6	LF00985U		



Ostomy Care Simulator

Model No. : LF00906 Light Sh. wt. 24 lbs.

Make : Nasco Healthcare, USA



- Ideal for demonstration and practice for several procedures
- Anatomy of both a colostomy and ileostomy are carefully reproduced to provide lifelike functions and appearance
- Dilation of the stomas can be demonstrated and practiced, along with application of postoperative and permanent ostomy bags
- Colostomy can be irrigated
- Syringes are inserted through ports in the back of the simulator; 1 pumps the ileostomy with clear water or water tinted for exact realism, and the other syringe pumps synthetic stool to the colostomy
- Syringes are included to pump materials through the unit to provide drainage and excretion at the ileostomy and colostomy
- Consistency of the stool can be varied by using water to thin the material, and most of the stool can be salvaged and reused
- Soft, pliable material is used for the stomas in order to achieve a most realistic tactile sensation
- Includes a supply of simulated stool, instruction manual, and hard carry case
- 5-year warranty

Consumables & replacement parts Model No.

Adult Ostomy Kit

LF00897U

- 2 syringes without needles
- 4-oz. jar of simulated stool
- 4 1/4-oz. tube of lubricant
- 1 vinyl glove Sh. wt. 1.25 lbs.

Adult Ostomy Bag

LF00896U

- Closed pouch Sh. wt. 0.06 lbs.

Simulated Stool

LF00962U

Sh. wt. 0.63 lbs.



NG Tube & Trach Skills Simulator

Model No. : LF01174U Sh. wt. 24 lbs.

Make : Nasco Healthcare, USA

- Realistic landmarks, trachea, esophagus, lungs, and stomach
- Thickener can be mixed with water to simulate mucous-like fluids of a real patient
- Fluid can be added for realistic tracheostomy care and suctioning
- Allows for the practice of dressing changes and cuff inflation
- Realistic procedures include NG tube care, including insertion, irrigation, and removal; gastric lavage and gavage; feeding tube insertion and removal with the ability to practice feeding; nasogastric and esophageal tube care; oropharyngeal and nasopharyngeal care; and tracheostomy tube care
- Intubation using a laryngoscope blade and size 6.0 ET tube may also be practiced
- Designed to use size 6 tracheostomy tube, a size 6.0 mm ET tube, and a size 6 NG tube
- Includes spray-pump lubricant, a packet of thickener, instruction manual, and hard carry case
- Simulator does NOT include tracheostomy, ET, or NG tubes
- 5-year warranty



Consumables & replacement parts	Model No.
Replacement Lungs Sh. wt. 3 lbs.	LF01174(A)U
Replacement Stomach Sh. wt. 0.19 lbs.	LF01174(B)U



Chest Tube Manikin

Model No. : LF03770 Light Sh. wt. 30 lbs.

Make : Nasco Healthcare, USA



- Right side of the manikin has 2 cut-away viewing areas to provide awareness of the anatomical relationships between the skin surface, musculature, ribs, and lungs
- Left side has a pressurized tension pneumothorax site to relieve air that has accumulated within the pleural space and is restricting lung inflation
- Also a site where chest tubes may be surgically placed to treat pleural effusion by draining fluids from the pleural space
- Fluid color, volume, and viscosity can be varied
- Perfect for teaching the concepts and mechanics of closed water-seal drainage systems like "Pleur-Evac" type units
- Includes 2 visual sites for chest tube maintenance, 5 replaceable surgical chest tube sites, 5 replaceable pneumothorax chest pads, instruction manual, and hard carry case
- Chest tubes or water-seal drainage system not included
- 5-year warranty

Consumables & replacement parts	Model No.
Surgical Skin Pads • Rotating pad allows multiple cuts to be made • Pkg. of 5 Sh. wt. 0.94 lbs.	LF03771U
Subcutaneous Surgical Pads • Pkg. of 5 Sh. wt. 1.25 lbs.	LF03772U
Pneumothorax Chest Pads • Pad allows multiple needle sticks • Pkg. of 5 Sh. wt. 0.56 lbs.	LF03773U
Simulated Pericardium • Pkg. of 10 Sh. wt. 0.88 lbs.	LF03768U
Replacement Chest Tube Reservoir Bags Sh. wt. 0.25 lbs.	LF03778U
Thickener Sh. wt. 0.31 lbs.	LF03774U
Blood Powder Sh. wt. 0.19 lbs.	LF03775U
Nasco Cleaner Sh. wt. 0.88 lbs.	LF09919U



Auscultation Trainer 2.0

Model No. LF01290EX Light Sh. wt. 30.1 lbs

Make : Nasco Healthcare, USA

Nasco Healthcare's Auscultation Trainer 2.0 powered by SmartScope 2.0 is the latest evolution of our Auscultation Trainer, offering highly realistic simulation of heart, lung, and bowel sounds to improve diagnostic accuracy.

Using the SmartScope 2.0, lung sounds can be detected at eleven anterior, ten posterior, and two midaxillary locations. Learners can practice auscultation at five anterior heart sites and five bowel sites.

A diagnosis of the condition chosen by the instructor can be determined by comparing the variations in sounds at different sites, mimicking the experience with a real patient.

Instructors can choose from a comprehensive menu of heart, lung, and bowel conditions utilizing the Be READY Auscultation app for iPad.*



Lung Conditions:

- Bronchovesicular
- Bronchial
- Cavernous
- Coarse Crackle
- Egophony
- Fine Crackle
- Friction Rub
- Mono Wheeze
- Normal Lung
- Pectoriloquy
- Pulmonary Edema
- Rhonch
- Stridor
- Vesicular
- Wheeze

Heart Conditions:

- Aortic Regurgitation
- Atrial Septal Defect
- Holosystolic
- Midsystolic
- Mitral Stenosis
- Normal
- PDA
- Pulmonary
- Stenosis
- S3 Gallop
- S4 Gallop
- Systolic Click
- VSD

Includes:

- Auscultation Torso
- SmartScope 2.0 with single and dual-user headpieces
- Carry case
- Five-year warranty on manikin. Two-year warranty on electronics.

Ship Weight: 30.1 lbs.

Dimensions. (Inches): 34.5 x 20 x 10.25

Key Features :

- Customizable illuminated sites can be shut on/off to adjust training difficulty
- Realistic heart, lung, and bowel sounds
- Wireless connectivity
- Palpable landmarks
- Carry case
- SmartScope 2.0
- 5-year warranty on manikin
- 2-year warranty on electronics
- Dual head teaching stethoscope adapter
- NEW Custom sounds via user upload
- NEW Rechargeable USB-C

Bowel Conditions:

- Normal
- Hypoactive
- Hyperactive
- User can also upload their own custom sounds to sites.



INC Skill lab Guidelines

Advanced Nursing Laboratory

S.No.	Items	Quantity
1.	Electronic ICU cot with appropriate attachments	1
2.	Advanced IV arm/Arterial puncture arm	1

9

S.No.	Items	Quantity
3.	Central venous cannulation trainer	1
4.	ECG machine/ECG simulator	1
5.	Airway management simulator	1
6.	Defibrillator CPR trainer	1
7.	Hemodynamic monitoring simulation kit	2
8.	Tray sets/kits to perform advanced nursing procedures	As required
9.	Drugs, fluids, IV sets, emergency medication	As required
10.	High fidelity simulator (optional) – If other simulators are part of this, separate trainers/simulators are not required	1

S.No.	Description	Qty	Model No.	Item Name
1	Advanced IV arm / Arterial Puncture arm	1	LF01121 U	Advance Venipuncture and Injection Arm
				OR
			LF00995 EX	Arterial Puncture Arm
2	Central venous cannulation trainer	1	LF01087	Central Venous Cannulation Simulator
3	ECG machine/ECG simulator	1	LF03670 A	Interactive ECG Simulator
4	Airway management simulator	1	LF03699 U	Airway Larry' Adult Airway Management Trainer with Stand
5	Defibrillator CPR trainer	1	PP-AEDUT-101	Prestan AED UltraTrainer with English / Spanish Languages
6	High fidelity simulator (optional)- If other simulator are part of this, separate trainer/simulators are not required	1	S315.600.25 0.705	HAL@S315.600 CPR+D Skills Trainer with OMNI@2 Full-body option



SEM TRAINERS & SYSTEMS
 ☎ 8849563724 | 9879103905

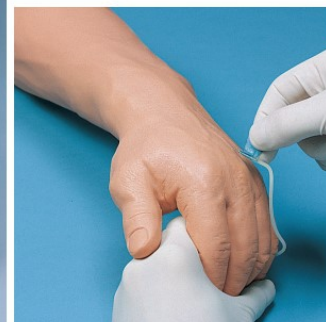
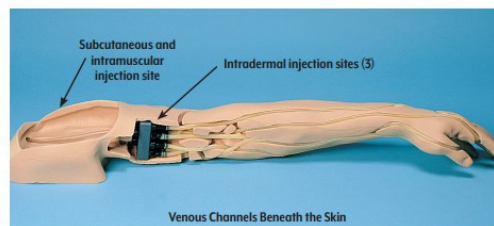
Shop No.7, Saibaba Apartment, Opp. Main Post Office,
 Halar Road, Valsad-396001, Gujarat.



Advanced Venipuncture and Injection Arm

Model No. : LF01121U Each. Sh. wt. 20 lbs.

Make : Nasco Healthcare, USA



This revolutionary training arm provides complete venous access for IV therapy, phlebotomy, intramuscular and intradermal injections. An extensive 8-line vascular system allows students to practice venipuncture at all primary and secondary locations, including starting IVs and introducing Over the Needle IV Catheters.

Soft, flexible fingers are molded separately with extreme attention paid to every detail - right down to the fingerprints! Flexion of the wrist helps students develop manipulation skills. The replaceable skin rolls as the veins are palpated, and a discernible "pop" is felt when entering the veins.

Key Features

- Simplified setup with one external fluid bag supplying artificial blood to all veins simultaneously
- Dorsal surface of hand includes injectable metacarpal, digital, and thumb veins. Antecubital fossa includes the median cephalic, median basilic, and median cubital veins
- Venipuncture can also be performed along the basilic, cephalic, accessory cephalic, and median antebrachial veins
- Intramuscular injections may be performed in the deltoid muscle and intradermal injection sites are located in the upper arm.
- Intramuscular injections into the deltoid muscle are enhanced by the soft, lifelike skin and by the natural bony landmarks in the region.
- Intradermal injections using distilled water will create characteristic skin welts at designated sites on the upper arm

Complete Venous Access:

- Basilic V.
- Cephalic V.
- Digital V.
- Dorsal Metacarpal V.
- Median Basilic V.
- Accessory Cephalic V.
- Extensive Venipuncture System
- Flexible Fingers and Wrist
- Intradermal Injections
- Intramuscular Injections
- Median Antebrachial V.
- Median Cephalic V.
- Median Cubital V.
- Replaceable Skin and Veins
- Thumb V.
- Five-year warranty.

Consumables & replacement parts Model No.

Replacement External Tubing Sh. wt. 0.25 lbs. LF00990U



SEM TRAINERS & SYSTEMS

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Shop No.7, Saibaba Apartment, Opp. Main Post Office,
Halar Road, Valsad-396001, Gujarat.



Arterial Puncture Arm

Model No. : LF00995U Sh. wt. 17 lbs.

Make : Nasco Healthcare, USA



- Features the realism of appearance and performance necessary to provide realistic practice for trainees
- Easy to set up and use, this valuable training aid is ideal for practice and demonstration in drawing arterial blood samples for monitoring blood gases
- Identify puncture locations through palpation of the pulse at either the radial or brachial sites
- Realistic arterial pressure produces a realistic backflow of blood in the syringe, confirming proper needle location in the artery
- Periodic use of the tubing sealant provided will extend the life of each Skin/Artery Kit
- Arm has one artery tubing section installed
- Includes two 3 cc syringes with needles, fluid supply bag, 2 replacement sections of artery, 1 pint Life/form® arterial blood, tubing sealant, instruction manual, and soft carry case
- Fluid supply stand not included
- Cannot place arterial lines
- 28 in. x 13 in. x 5 in.
- 5-year warranty

Consumables & replacement parts	Model No.
Skin Replacement Kit with 3 Artery Sections Includes skin, 2 foam pads, lubricant, tubing with pulse bulb, 1 complete artery, 2 middle artery sections, and instruction manual Sh. wt. 2.25 lbs.	LF00998U
Arterial Puncture Arm Artery Replacement Only Includes 3 arteries and lubricant Sh. wt. 0.50 lbs.	LF01059U
Arterial Blood Quart Sh. wt. 0.38 lbs.	LF01004U
Nasco Cleaner Use to remove stubborn stains from simulators• 12-oz. bottle Sh. wt. 0.88 lbs.	LF09919U

Consumables & replacement parts	Model No.
Arterial Puncture Arm Injection Replacement Pad Sh. wt. 1.25 lbs.	LF00992U
Tubing Sealant Periodic use will extend the life of skin and arteries Sh. wt. 2 lbs.	LF01099U
Fluid Supply Stand 5 in. x 8 in. base, 5/16 in. steel hooked rod Sh. wt. 4 lbs.	LF01022U
Fluid Supply Bag 500 ml Sh. wt. 0.31 lbs.	LF01130U
Replacement Pulse Bulb 3 oz. Sh. wt. 0.19 lbs	LF03490U



Central Venous Cannulation Simulator

Model No. : LF01087 Sh. wt. 23 lbs.

Make : Nasco Healthcare, USA



- Designed for learning and practicing CVC techniques
- Anatomically accurate, palpation is exactly the same as on a patient
- Sternal notch, sternocleidomastoid, clavicle, and other supporting features are present
- Internal features include a replaceable muscle and bone section, subclavian, internal jugular, external jugular, and carotid
- Use of a Swan-Ganz catheter is possible
- Neck of the simulator is positioned to the left, making landmark identity quite easy visually
- Sternal notch "sinks" 1-1.5 cm when palpated
- Accurate external and internal landmarks
- Includes fluid supply bags, replaceable skin, needles, 1 qt. blood, instruction manual, and hard carry case
- 5-year warranty

Consumables & replacement parts	Model No.
Skin Repair Kit Extends the life of replacement skins with brush-on treatment Sh. wt. 0.50 lbs.	LF01112U
Replacement Tubing Kit Each set consists of 1 subclavian vein, 1 internal jugular vein, 1 external jugular vein, and connectors 6 sets. Sh. wt. 1.75 lbs.	LF01113U
CVC Skin Replacement Sh. wt. 3.75 lbs.	LF01079U
CVC Simulator Replacement Kit Includes skin and veins Sh. wt. 4.50 lbs.	LF01078U

Consumables & replacement parts	Model No.
CVC Simulator Bone and Muscle Replacement Kit Sh. wt. 7 lbs.	LF01093U
Vein Tubing Sealant Kit Sh. wt. 2 lbs.	LF01099U
Fluid Supply Stand 5 in. x 8 in. base, 5/16 in. steel hooked rod Sh. wt. 4 lbs.	LF01022U
Fluid Administration Set Includes fluid bag with tubing and a fitting Sh. wt. 0.25 lbs.	LF01098U
Venous Blood Quart. Sh. wt. 0.38 lbs. Gallon. Sh. wt. 0.88 lbs.	LF00845U LF00846U





Interactive ECG Simulator

Model No. LF03670 A Sh. wt. 3 lbs.

Make : Nasco Healthcare, USA



- Defibrillation shock can be delivered through manikin or simulator
- Connect defibrillator/external pacer to simulator using adapters
- Built-in circuitry allows you to defibrillate and pace directly into the ECG simulator and observe ECG rhythms through the PADS connector
- Convert feature
- Select another rhythm to run immediately after defib discharge
- Pacing can be done on any manufacturer's defibrillator
- 17 Adult/Pediatric Rhythms
- 6 Waveforms
- Battery saver feature powers-off simulator automatically when not in use



Airway Larry- Adult Airway Management Trainer with Stand

Model No. : LF03699U Sh. wt. 30 lbs.

Make : Nasco Healthcare, USA

A professionally made platform that simulates a non-anesthetized patient with realistic anatomy and landmarks. Ideal for practicing oral, digital and nasal intubation, suction techniques and proper cuff inflation. Suitable for both introductory classes and advanced students.

Key Features:

- Learn correct oral, digital and nasal intubation as well as E.T., E.O.A., P.T.L., L.M.A., E.G.T.A., Combitube® and King System insertion
- Allows for practice on correct suction and cuff inflation techniques
- Realistic jaw thrust technique and Sellick maneuver instruction
- Manual carotid pulse
- Bifurcated lungs
- Includes carrying case and spray lubricant



Realistic Anatomy and Landmarks including:

- Teeth
- Tongue
- Oral and nasal pharynx
- Larynx
- Epiglottis
- Arytenoids
- False cords
- True vocal cords
- Trachea
- Lungs
- Esophagus
- Stomach
- 5-year warranty.



Prestan AED Ultra Trainer with English/Spanish Language

Model No. PP-AEDUT-101 Sh.

(Pestan Products, USA)



The PRESTAN AED UltraTrainer is our most compact, lightweight AED trainer solution with full customization options to accommodate any classroom training situation. This AED trainer resembles a live training experience like no other on the market. For use with patented PRESTAN Pad Sensing System.

Programming can toggle between two languages and is easily upgradeable for any AHA guideline changes.

Prestan AED UltraTrainer™ Single Unit with English/Spanish Languages (3 “C” batteries not included)

Includes:

- One set of Adult/Child Training Pads with unique Pad Sensing System,
- Pads storage tray,
- Instructions and carry bag

PRESTAN offers a **THREE YEAR LIMITED WARRANTY** against any defects in workmanship or materials under normal use with respect to its PRESTAN AED TRAINERS.



HAL® S315.600 CPR+D Skills Trainer with OMNI®2 full-body option

Model No. S315.600.250.705 Sh. (Gaumard, USA)

The HAL® S315.600.250 CPR+D Skills Trainer Torso with OMNI® 2 is the newest addition to the S315 family of CPR skills trainers. The durable all-in-one design eliminates the need for external pumps, compressors, or attachments, making this CPR training torso portable enough for traveling CPR outreach instructors and strong enough to train professionals in-house.

HAL® CPR+D Skills Trainer with OMNI® 2

Model: S315.600.250

EASY-TO-USE, DURABLE, & PORTABLE HANDS-ON BLS TRAINING

Whether for outreach or professional development, the new HAL S315.600.250 is a great addition to every basic life support training curriculum. Practice assessing breathing, performing quality CPR, delivering a shock, and recognizing return of spontaneous circulation. HAL is the portable, all-in-one training solution for every training need.



Programmable EKG

Illustrate shockable and non-shockable EKG with 20+ preprogrammed rhythms



Intubatable Airway

Perform nasal and oral intubation with standard, real adjuncts



Realistic Chest Rise

Visualize realistic chest rise with BVM ventilation



Spontaneous Chest Rise and Pulse

Identify proper chest rise and pulses without add-on items



Monitor with Real Equipment

Use real AED/defibrillator to monitor programmable EKG



Real Energy Defibrillation

Defibrillate directly on conductive skin patches or pad-free posts with up to 360 joules of real energy from real equipment



Feedback and Control

See immediate feedback on actions and easily select the appropriate responses



Post-cardiac Arrest

Train to check for the return of spontaneous circulation (ROSC)



Debriefing Tools

OMNI® 2 automatically detects and records events for easy debriefing



HAL® S315.600 CPR+D Skills Trainer with OMNI®2 full-body option

Model No. S315.600.250.705 Sh. (Gaumard, USA)

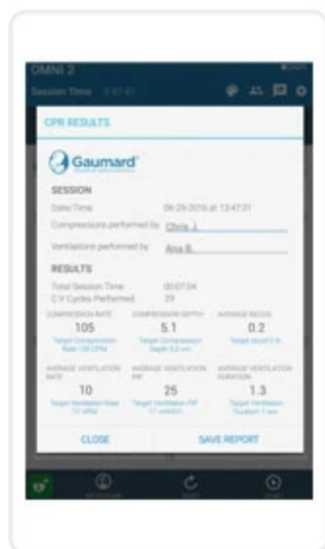
Resuscitation Training with OMNI® 2



The new OMNI® 2 features basic life support specific simulation tools designed to help boost skill acquisition, enhance the simulated experience, and support assessment and debriefing. It's the one handy tool that can do it all.

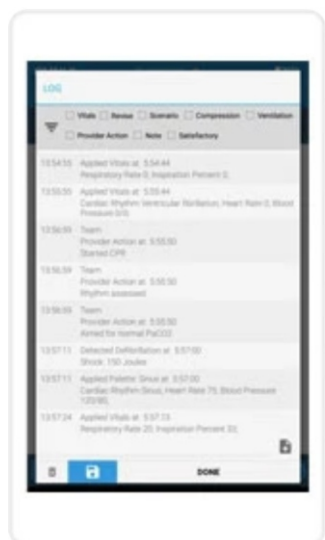
Real-time eCPR™ feedback

The OMNI® 2 features CPR coaching and evaluating modes. In the CPR coach mode audible tones guide compression rate and ratio for learners. In the evaluating mode real-time monitoring of CPR metrics provides feedback of time to CPR, compression depth and rate, ventilation rate and volume, "no-flow" time, and number of cycles.



eCPR™ Performance Reports

Set parameter goals, evaluate individual and/or team efforts, and save and share reports to discuss and improve quality of CPR.



Data-rich Debriefing Tools

Automatically records events during simulation. Select from lists of common actions specific to a scenario type or algorithm. Save and share session logs for archiving and debriefing.

INC Skill lab Guidelines

III. PRE-CLINICAL SCIENCES LABORATORY

A. Realia, Specimens and Equipments

S.No.	Items	Quantity
1.	Adult human articulated skeleton with hanging facility in a glass cupboard with locking facility	2
2.	Full set of dis-articulated adult human skeleton	2
3.	Open racks for displaying the specimen	10
4.	Anatomy dissection kit	10
5.	Microscope – monocular, binocular	10
6.	Prepared educational slides (histo-pathology)	5 sets

B. Models

S.No.	Items	Quantity
1.	Full size human body showing all muscles and arteries	2
2.	Human Torso	
	Male	2
	Female	2
3.	Skin cross section	2
4.	Heart and large blood vessels	2
5.	Heart with detachable parts on a stand	2
6.	Eye with detachable parts on a stand	2
7.	Ear with different sections	2
8.	Human brain with spinal cord	2
9.	Lungs and Trachea	2
10.	Larynx	2
11.	Digestive System	
	Stomach	2
	Small intestine	2
	Large intestine	2
	Hepatobiliary system	1

INC Skill lab Guidelines

S.No.	Items	Quantity
12.	Female Reproductive System	1
	Uterus on stand	2
	Ovaries	
	Macroscopic structure	2
	Microscopic structure	2
13.	Male Reproductive system	2
14.	Urinary System (Kidney)	
	Macroscopic structure	2
	Microscopic structure	2
15.	Joints and Ligaments	
	Wrist & Ankle	2 (1 each)
	Elbow & Knee	2 (1 each)
	Shoulder & Hip	2 (1 each)
16.	Teeth	2

C. Working Models

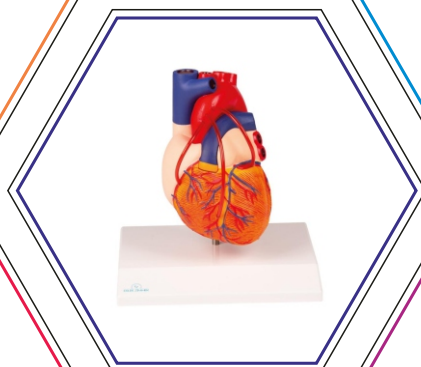
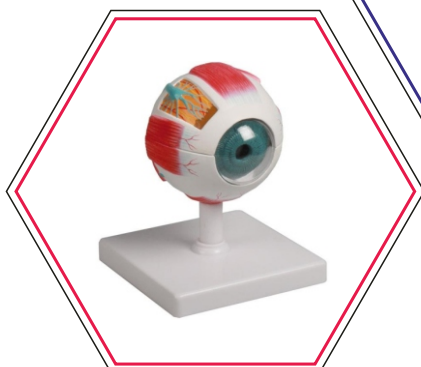
S.No.	Items	Quantity
1.	Heart	1
2.	Lungs	1
3.	Kidney	1
4.	Joints	1

D. Charts

S.No.	Items	Quantity
1.	Skeleton system	2
2.	Muscular system showing different muscles of the body	2
3.	Joints and ligaments	2
4.	Nervous system	
	Brain	2
	Spinal cord	2
5.	Cardio-vascular system	2
6.	Respiratory system	2

Pre- Clinical Sciences Laboratory

Sr.No.	Description		Model No	Item Name
1	Adult human articulated skeleton with hanging facility in a glass cupboard with locking facility	2	MG35315	Flexible Adult Skeleton, Mounted
2	Full set of dis-articulated adult human skeleton	2	MG22950	Disarticulated Skeleton, Unmounted
3	Full size human body showing all muscles and arteries	2	MG8999	Muscular Figure Model, ½ Size
4	Human Torso		MG31998	Classic Unisex Torso with Opened Neck & Back Model, 18 parts
5	Skin cross section	2	MG31096	Skin Section Model, 70X Enlarged
6	Heart and large blood vessels.	2	MG22275	Classic Heart Model with Coronary Bypass
7	Heart with detachable parts on a stand	2	MG22278	Classic Heart Model
8	Eye with detachable parts on a stand	2	MG29941	Eye Model, 6X Enlarged, 6 Parts
9	Ear with different sections	2	MG36905	Ear Model
10	Human brain with spinal cord	2	MG21721	Neuro Brain Model, 2-Parts
11	Lungs and Trachea	2	MG30888	Lungs with Larynx Model, 7-Parts
12	Larynx	2	MG29156	Larynx Model, 2X Enlarged, 5-Parts
13	Digestive System		MG35391	Digestive System Model, 2 Parts
14	Stomach	2	MG23161	Stomach Model, 6 Parts
15	Female Reproductive System	1	MG30136	Female Pelvis Model, Median Section, 2 Parts
16	Uterus on stand	2	MG29789	Uterus & Ovary with Pathologies Model
17	Male Reproductive system	2	MG30140	Male Pelvis Model, Midsection, 4 Parts
18	Urinary System (Kidney)	2	MG40888	Female Urinary System Model
				OR
			MG31016	Kidney with Adrenal Gland Model, 1.5X Enlarged, 2 Parts
19	Elbow & Knee	1	MG24049	Hand Joint with Ligaments Model
		1	MG24050	Elbow Joint with Ligaments Model
20	Shoulder & Hip	1	MG24052	Functional Shoulder Joint Model
			MG24054	Ankle Joint with Ligaments Model
			MG24051	Functional Knee Joint with Ligaments Model
			MG24053	Functional Hip Joint Model
21	Teeth	2	MG23876	Dental Care Model





Flexible Human Adult Skeleton, Mounted

Model No. MG35315 Sh. wt. 20.9 lbs

Make : Nasco Healthcare, USA



Life-size, flexible anatomical model of an adult male skeleton. It features high anatomical accuracy, with removable limbs and flexible joints, allowing for practical study of the skeletal system. Its stand with casters ensures mobility and practicality.

One year warranty

Model size: 17.7 x 14.2 x 70.9 in.

Model weight: 19.8 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



Adult Human Skeleton, Unmounted

Model No. MG22950 Sh. wt. 18.7 lbs

Make : Nasco Healthcare, USA



A life-size model showing the complete human skeleton with separated bones: skull, axial skeleton, hyoid bone, ribs, sternum with rib cartilage, upper and lower limbs, sacrum and coccyx are represented in high detail. One side (of the left foot) are in wire, the other set is removed. The skull can be disassembled into 3 parts: skullcap, skull base and mandible.

One year warranty

Model size: 19.3 x 11.8 x 16.5 in.

Model weight: 17.6 lbs.



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Human Muscle Figure, 1/2 Natural Size, 27 Parts

Model No. MG8999 Sh. wt. 13.89 lbs

Make : Nasco Healthcare, USA



This 1/2 life-size anatomical model of a muscular figure features 27 removable parts, hand-painted and detailed in vibrant colors for easy understanding of human anatomy. It includes superficial and deep musculature, as well as important internal organs, and comes with a detailed information card identifying the anatomical structures.

One year warranty

Model size: 32.3 x 10.2 x 6.3 in.

Model weight: 14 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



Classic Unisex Human Torso with Opened Neck & Back, 18 Parts

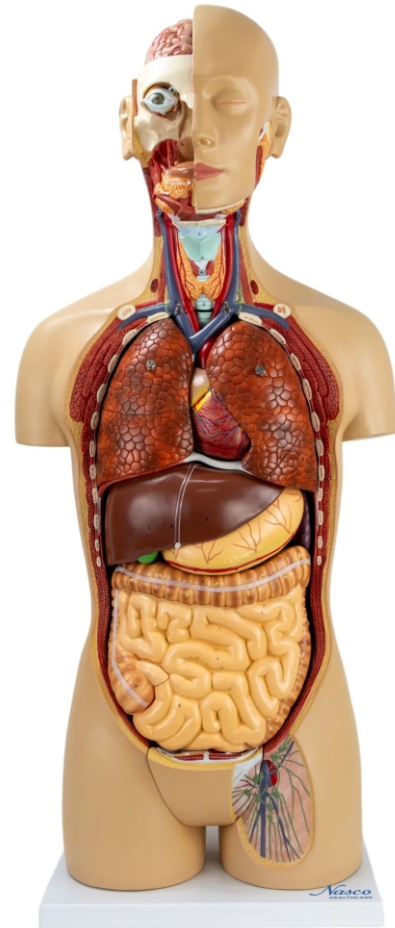
Model No. MG31998 Sh. wt. 22 lbs

Make : Nasco Healthcare, USA

life-size consists of 18 pieces, providing a realistic and detailed reproduction of internal organs. The head is sectioned to expose one half of the brain. The neck is dissected through the ventral surface to show muscular, glandular, vascular, and neural structures. The chest and abdomen are completely open for a perfect, unrestricted view of the internal organs and associated structures. Anatomical structures of the body's main systems are numbered and identified in an information leaflet that accompanies the product.

Removable Structures include:

- Half of the brain, divided along the longitudinal axis to expose
- fissures, internal structures and blood vessels
- The eye with optic nerve and extraocular muscles
- The trachea
- The descending thoracic aorta and esophagus
- The right and left lungs (2 pieces each), showing the bronchial tree and vasculature
- The liver with gallbladder
- Half of a kidney, sectioned along the frontal plane to show the internal structure and vessels
- The heart in two parts showing the atria, ventricles, heart valves and cut through the ventricular heart wall
- The stomach
- The pancreas, stomach, duodenum and spleen with vessels and ducts
- The small intestine and large intestine with a removable window in the cecal region
- The removable cover in the crotch area



One year warranty

Model size: 35 x 16.1 x 9.1 in.

Model weight: 20.9 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



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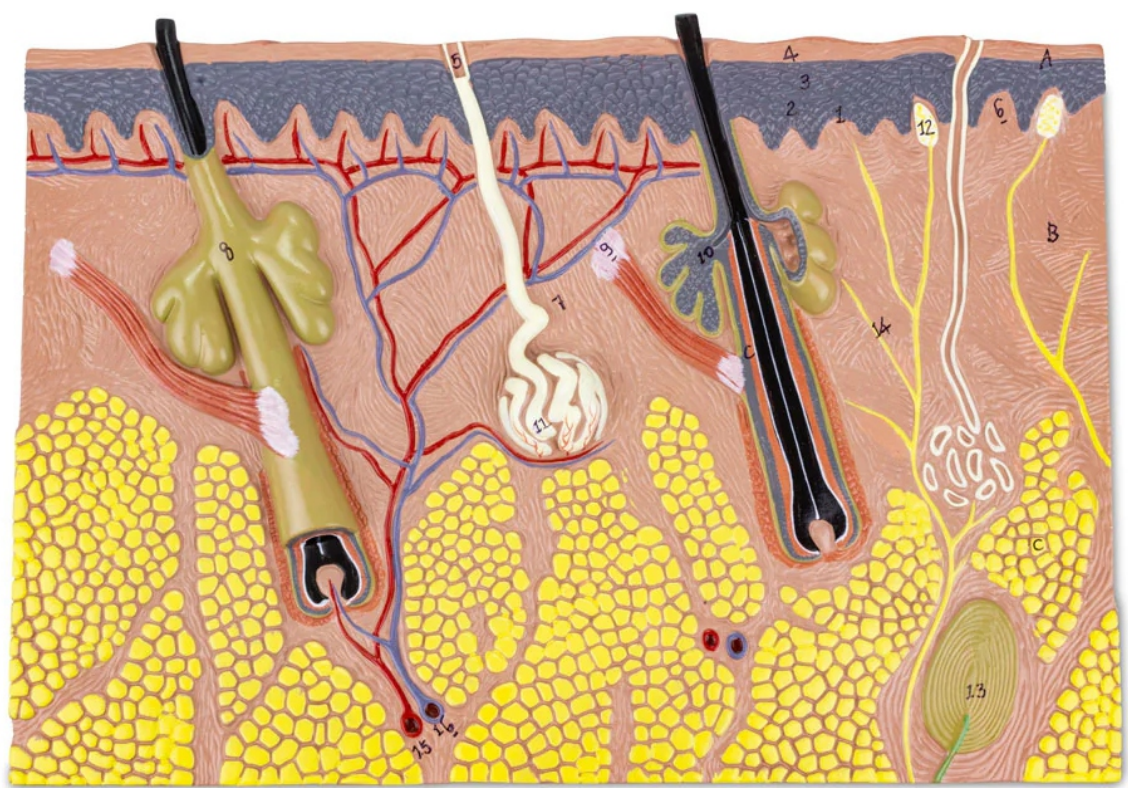
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Human Skin Section, 70 X Enlarged

Model No. MG31096 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA



A model enlarged 70 times the natural size and shows the main structures through three layers of the hairy skin: hair follicles, sebaceous and sweat glands, erector muscles, sensitive corpuscles, nerves and blood vessels are defined. Important anatomical structures are numbered and indicated for easy understanding.

One year warranty

Model size: 13.2 x 9.3 x 2.8 in.

Model weight: 3.3 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



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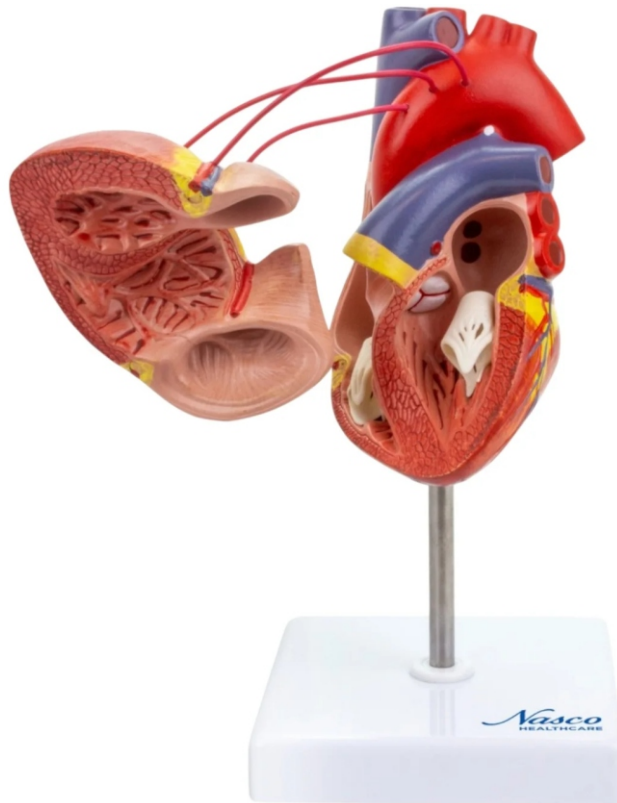
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Classic Human Heart with Bypass, 2 Parts

Model No. MG22275 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



This anatomical heart model presents a detailed representation of cardiac anatomy, including three saphenous vein grafts, demonstrating venous bypass to the right coronary artery, the anterior interventricular descending artery, and the circumflex branch of the left coronary artery. The anterior wall is removable, allowing visualization of the internal chambers and valves of the organ.

One year warranty

Model size: 4.3 x 4.3 x 9.8 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4natomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



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Classic Human Heart, 2 Parts

Model No. MG22278 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



Life-size adult human heart, dissected into two parts for detailed study of the cardiovascular system. The anterior wall can be removed, revealing the ventricles and atria, as well as the tricuspid, pulmonary, mitral, and aortic valves.

One year warranty

Model size: 4.3 x 4.3 x 7.1 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



Human Eye 6X Enlarged, 6 Parts

Model No. MG29941 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA



A model six times life-size, the model can be dissected in the horizontal plane to show internal details. Cornea, iris, lens and vitreous body can be removed from the model. Muscle attachments in the sclera and part of the choroid are also shown.

One year warranty

Model size: 6.7 x 5.9 x 10.6 in.

Model weight: 2.2 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



Human Ear Natural Size

Model No. MG36905 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



Full-size normal model showing the semicircular canals and cochlea in the inner ear, auditory ossicles of the middle ear, tympanic membrane, temporalis and tensor tympani muscles.

One year warranty

Model size: 3.9 x 2.8 x 5.9 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



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Human Neuro - Anatomical Brain, 2 Parts

Model No. MG21721 Sh. wt. 4.4 lbs

Make : Nasco Healthcare, USA



Life-size brain model with different color coding for regions: frontal lobe; parietal lobe; occipital lobe; temporal lobe; motor cortex; somatosensory cortex; limbic cortex; cerebellum; brain stem. Important anatomical structures are numbered and indicated in different colors for easy understanding. Made with long-lasting synthetic material. Accompanying an interactive 3D anatomical model with augmented reality is a great tool to encourage learning and support. This platform allows students to engage in comparative analysis of anatomical models as they compare and contrast the structure of individual organs. This initiative also provides a platform for continuing education, providing opportunities for all students to increase their knowledge of anatomy, physiology and pathophysiology.

One year warranty

Model size: 7.9 x 6.7 x 5.9 in.

Model weight: 3.3 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4natomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



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Human Lung with Larynx, 7 Parts

Model No. MG30888 Sh. wt. 5.5 lbs

Make : Nasco Healthcare, USA



Life-size reproduction of the complete respiratory system, composed of 7 parts, including the sagittally dissected larynx, the frontally dissected lungs, and a two-part heart. This detailed model allows for the study of respiratory and cardiac anatomy, with manual numbering and painting to facilitate the identification of structures.

One year warranty

Model size: 15.8 x 10.2 x 4.7 in.

Model weight: 4.4 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



Human Larynx 2 X Enlarged, 5 Parts

Model No. MG29156 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



A 5-part model segmented longitudinally to reveal in detail the internal structures, including those of the hyoid bone, cartilage, ligaments, muscles, vessels, nerves and the thyroid gland. Important anatomical structures are numbered and indicated in different colors for easy understanding.

One year warranty

Model size: 5.9 x 5.9 x 8.1 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4natomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



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Human Digestive System, 2 Parts

Model No. MG35391 Sh. wt. 7.7 lbs

Make : Nasco Healthcare, USA



A life-size model that shows the human digestive tract from the mouth cavity to the rectum. The oral cavity, the pharynx and the first part of the esophagus are dissected along a midsagittal plane. The liver is shown along with the gallbladder and the pancreas is dissected to expose internal features. The stomach is open along a frontal plane; the duodenum, cecum, part of the small intestine and rectum are open to expose its interior. The transverse colon is removable.

One year warranty

Model size: 35.4 x 12.6 x 5.5 in.

Model weight: 6.6 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

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Human Stomach with Rear Organs of Upper Abdomen, 6 Parts

Model No. MG23161 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA



Life-size model with the following features: Stomach with 2 parts along with Pancreas, Spleen and Duodenum (shown in open section), Gallbladder with bile ducts, Abdominal aorta, Vena cava, Mesenteric and Iliac vessels. Two sections of the liver and gallbladder are interchangeable.

One year warranty

Model size: 7.9 x 5.9 x 12.6 in.

Model weight: 2.2 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

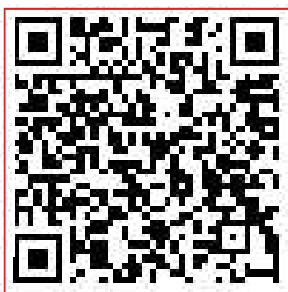
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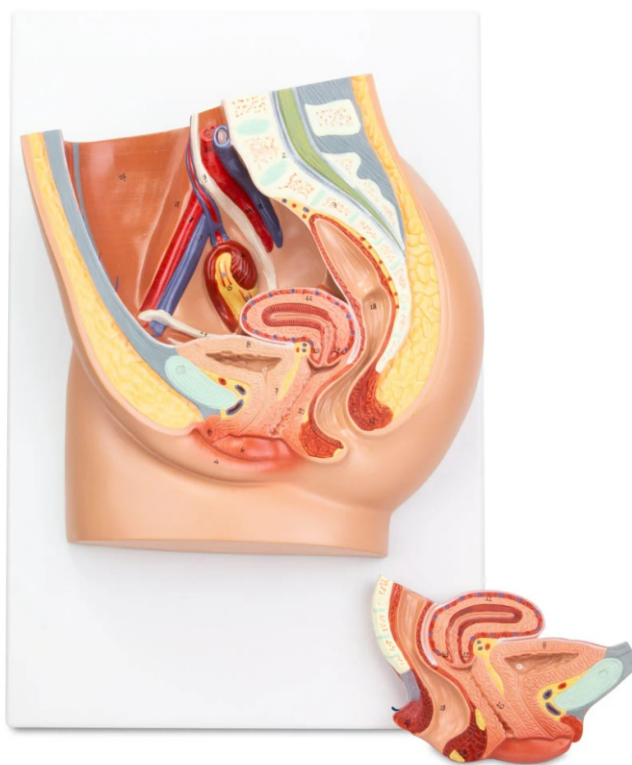
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Female Pelvis in Median Section, 2 Parts

Model No. MG30136 Sh. wt. 5.5 lbs

Make : Nasco Healthcare, USA



This mid-cut model shows all the important structures of the female pelvis. One half of the genitalia is removable, allowing for a more in-depth study of the internal structures.

One year warranty

Model size: 5.1 x 15.8 x 10.2 in.

Model weight: 4.4 lbs



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4natomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



Uterus - Ovary with Pathology

Model No. MG29789 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA



Full-size cross-section model illustrating various pathologies, some of which include: adhesions, carcinoma in four common areas, cysts, endometriosis, fibroids, pedunculated fibroid tumor, polyps and salpingitis.

One year warranty

Model size: 8.8 x 6.3 x 2.5 in.

Model weight: 2.2 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

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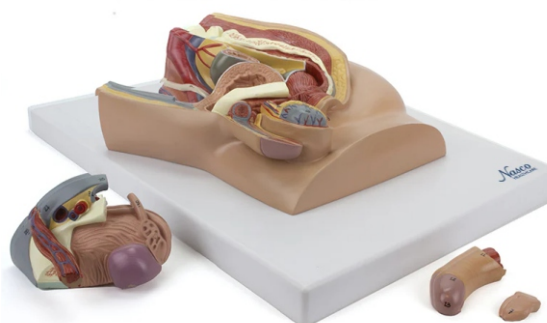




Male Pelvis in Median Section, 4 Parts

Model No. MG30140 Sh. wt. 5.5 lbs

Make : Nasco Healthcare, USA



This four-part anatomical model of a male pelvis provides a detailed representation of the male reproductive system, urinary system, vascular system, and muscle anatomy. One half of the genitalia is removable, allowing for a more in-depth study of the internal structures.

One year warranty

Model size: 5.1 x 15.8 x 10.2 in.

Model weight: 4.4 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

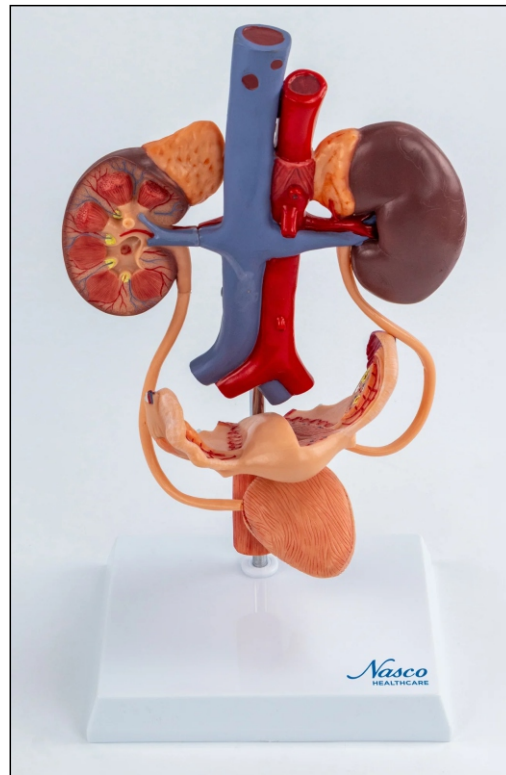
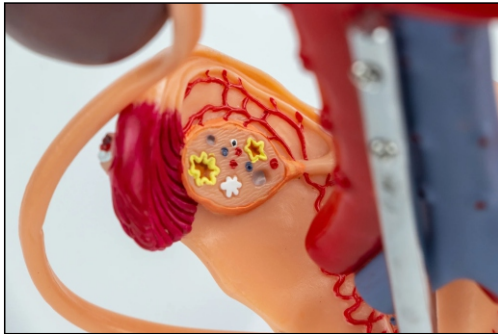
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Urinary System, Female

Model No. MG40888 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA



This model presents a comprehensive approach to the characteristics of the female urinary system, covering the internal structures. It highlights crucial organs including the kidneys, urinary bladder and urethra. The urinary system plays an essential role in eliminating waste and regulating fluid balance in a woman's body, contributing to overall health and wellbeing.

One year warranty

Model size: 9.7 x 7.1 x 14.2 in.

Model weight: 2.2 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

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Human Kidney Section with Adrenal Gland 1.5 X Enlarged

Model No. MG31016 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



Model in 2 parts, 1.5 times life-size, showing the human kidney in the frontal region. Internal structures are clearly revealed, including the cortex, medulla, pyramids, calyces, renal pelvis (partially open), ureter, origins of the renal artery and vein. The front of the model is removable for closer internal examination. Important anatomical structures are numbered and indicated in different colors for easy understanding.

One year warranty

Model size: 7.9 x 5.9 x 2.4 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



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Hand Joint with Ligaments

Model No. MG24049 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



A life-size model of a realistic representation of the detailed human hand that shows the anatomical structures and physiological movements of a hand joint with its ligaments. Articulated model that displays ligaments, bones that make up the wrist joint. The model displays: Ulna: distal part; Radius: distal part; Carpal bones: scaphoid, lunate, pyramidal and pisiform, trapezium, trapezoid, capitate and hamate; Metacarpal bones: consisting of 5 metacarpal bones; Wrist joint ligaments. The finger bones of the hand consist of 14 phalanges, 8 carpal bones, and 5 metacarpal bones. The study of the ligaments of the wrist joints formed by: distal radio-ulnar and radio-carpal.

One year warranty

Model size: 7.9 x 5.9 x 10 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

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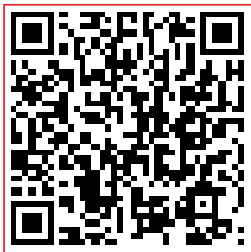


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Functional Human Elbow Joint with Ligaments

Model No. MG24050 Sh. wt. 2.2 lbs
Make : Nasco Healthcare, USA

A life-size, one-piece, realistic representation of the human elbow joint. It presents the anatomical structures and physiological movements (adduction, anteversion, retroversion, internal and external rotation).

One year warranty

Model size: 5.1 x 5.1 x 9.1 in.
Model weight: 1.1 lbs.



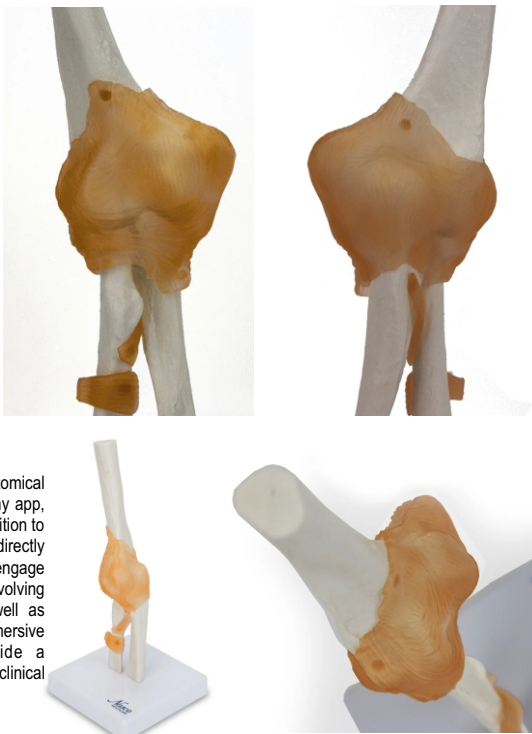
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EXCLUSIVE SMART TAG INTERACTION

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Functional Human Shoulder Joint

Model No. MG24052 Sh. wt. 2.2 lbs Make : Nasco Healthcare, USA

A life-size model demonstrating the shoulder joint with its ligaments, including the coracoid process, scapula (shoulder blade), clavicle, part of the humerus, and joint ligaments. Allows demonstration of movements such as abduction, anteversion, retroversion, internal and external rotation of the shoulder. Ligaments are represented with texture for better understanding of connective structures.

One year warranty

Model size: 8.3 x 6.3 x 11.8 in.
Model weight: 2.2 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.

EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4natomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.





Ankle Joint with Ligaments

Model No. MG24054 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



One-piece, life-size articulated model that displays ligaments, bones that make up the ankle joint, provides fidelity to the details. The model displays the following structures: Tarsal Bones: Proximal row - Calcaneus and Talus, Distal row - Navicular, Cuboid, Medial Cuneiform, and Lateral Cuneiform; Metatarsal Bones: Proximal and distal epiphysis (base and head); Toe bones: Proximal, middle and distal phalanges and Hallux; Peroneum, Lower part of the Tibia and Fibula, Astragalus, Scaphoid, Upper ankle joint; Subtalar joint, Transverse tarsal joint, Tarsometatarsal joint, Metatarsophalangeal joints, Interphalangeal joints, Ligaments, Achilles tendons, Peroneal longus tendons of the an

One year warranty

Model size: 7.9 x 5.9 x 10 in.

Model weight: 1.1 lbs



AUGMENTED REALITY

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Functional Human Joint with Ligaments

Model No. MG24051 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA

A life-size, detailed model representing the knee joint with its ligaments, menisci, and patellar ligament. Allows demonstration of physiological movements, including adduction, anteversion, retroversion, and internal and external rotations.

One year warranty

Model size: 4.7 x 4.7 x 12.6 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

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EXCLUSIVE SMART TAG INTERACTION

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Functional Human Hip Joint

Model No. MG24053 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA

A detailed, life-size, single-piece model illustrating the hip joint and its physiological movements, including adduction, anteversion, retroversion, internal and external rotation. Composed of a femoral head and ilium, molded based on original bones, it offers high realism for the study of anatomy.

One year warranty

Model size: 7.9 x 5.9 x 10 in.

Model weight: 1.1 lbs.



AUGMENTED REALITY

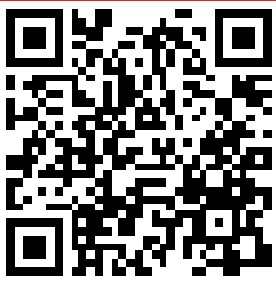
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EXCLUSIVE SMART TAG INTERACTION

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Dental Care, Natural Size

Model No. MG23876 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA



A realistic life-size model that shows an adult's upper and lower dentition, including palate, crown, gums, upper arch, lower arch and tongue. Helps teach proper oral hygiene procedures. Made from long-lasting synthetic material and handassembled in detail, it is longlasting. The movable arches can adjust the mouth opening for brushing, flossing and other functions. The model has 28 teeth. Suitable for school teaching tools, learning monitors and collectibles, it will also be an important addition to laboratory

One year warranty

Model size: 3.2 x 3.2 x 2.8 in.

Model weight: 1.1 lbs



AUGMENTED REALITY

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INC Skill lab Guidelines

S.No.	Items	Quantity
76.	Dry duster (cloth)	25
77.	Mops	4
78.	Pitcher (10-15 lt.)	4

2. Child Health Nursing

A. Models and Manikins (Mannequins)/Simulators

S.No.	Items	Quantity
1.	Pediatric training manikin	2
2.	Infant and child airway management trainer	1 each
3.	Infant injectable head	2
4.	Infant auscultation simulator	2
5.	NG tube trainer (pediatric)	2
6.	Pediatric multi venous training arm kit	2

B. Charts

S.No.	Items	Quantity
1.	Growth and development chart	1
2.	Weaning foods chart	1
3.	Breast feeding positions	20
4.	IMNCI chart (12 posters)	1 set
5.	CPR – Infant & child	1 each

Sr. No.	Description	Qty	Model No.	Item Name
1	Pediatric training manikin	2	SB48204 U	Pumping Heart Model
2	Infant and child airway management trainer	1	MG30888	Human Lungs with Larynx, 7 Parts
3	Infant injectable head	2	MG31021	Human Kidney Section with Nephrons, Blood Vessels & Renal Corpuscle
4	Infant auscultation Simulator	2	MG29750	Human Shoulder Articulating Rotator Cuff
5	NG tube trainer (pediatric)	2	MG34917	Human Knee with Muscles
6	Pediatric multi venous training arm kit	2	MG30900	Human Hip with Muscles

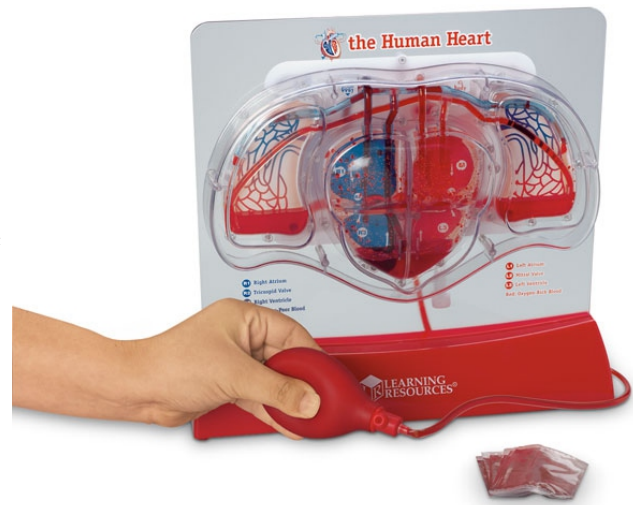


Pumping Heart Model

Model No. SB48204U Sh. wt. 3.25 lbs

Make : Nasco Healthcare, USA

- Create a memorable exploration of how the heart and lungs work together for oxygen exchange
- A simple hand pump demonstrates basic heart and pulmonary blood flow
- No mess — liquid is sealed in
- Includes clearly labeled heart chambers, main artery, veins, lungs, and activity guide
- 12 in. L x 11 in. W x 5 in. D



Human Lung with Larynx, 7 Parts

Model No. MG30888 Sh. wt. 5.5 lbs

Make : Nasco Healthcare, USA

Life-size reproduction of the complete respiratory system, composed of 7 parts, including the sagittally dissected larynx, the frontally dissected lungs, and a two-part heart. This detailed model allows for the study of respiratory and cardiac anatomy, with manual numbering and painting to facilitate the identification of structures.

One year warranty

Model size: 15.8 x 10.2 x 4.7 in.

Model weight: 4.4 lbs.



AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

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Human Kidney Section with Nephrons, Blood Vessels And Renal Corpuscle

Model No. MG31021 Sh. wt. 7.7 lbs

Make : Nasco Healthcare, USA



Set of three models showing the basic structure of the kidney. In the first, we can see a frontal section of the kidney, enlarged 3 times its natural size, illustrating the adrenal gland, the cortex, the medulla, the pyramids with papillae, the renal pelvis and the blood vessels. The second model represents a nephron enlarged to 120 times its natural size, which shows the renal tubules, a system of collection tubes and the loop of Henle. The third illustrates the Malpighian corpuscle with Bowman's capsule, enlarged to 700 times its natural size.

One year warranty

Model size: 27.6 x 11.8 x 4.3 in.

Model weight: 6.6 lbs.



AUGMENTED REALITY

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Human Shoulder Articulating Rotator Cuff

Model No. MG29750 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA

Right shoulder joint model is a realistic life-size replica. Featuring a right semiarticulated rotator cuff with an encapsulated humerus that can be removed from the capsular ligament. This allows demonstration of the role of the rotator cuff in fixing the humerus in the glenoid cavity and pressing on it during elevation. It is ideal for demonstrating the anatomy of the rotator cuff joint and muscles to patients and students. Made of high quality durable plastic material, includes double-sided key card to display the front and back marked parts; The model presented on a display stand and can be removed from the base is ideal for clinics in orthopedic environments where demonstrations help improve patient understanding and education. This full-size shoulder model includes: subscapularis, supraspinatus, and teres major and minor muscles; acromion, clavicle, humerus and scapula bones; The model includes the infraspinatus, teres minor, teres major, subscapularis and supraspinatus ligaments and muscles; Acromion, clavicle, humerus and scapula bones; Plus 8 ligaments and tendons.

Model size: 5.5 x 6 x 6 in. One-year warranty
Model weight: 2.2 lbs.



AUGMENTED REALITY

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EXCLUSIVE SMART TAG INTERACTION

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Human Knee with Muscles

Model No. MG34917 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA

Full size normal right knee model with muscles includes: rectus femoris, vastus lateralis and vastus medialis muscles; femur, fibula, patella and tibia bones; anterior cruciate ligaments, quadriceps femoris tendon plus six other ligaments and tendons.

One - year warranty

Model size: 3.9 x 3.9 x 9.8 in.
Model weight: 1.1 lbs.



AUGMENTED REALITY

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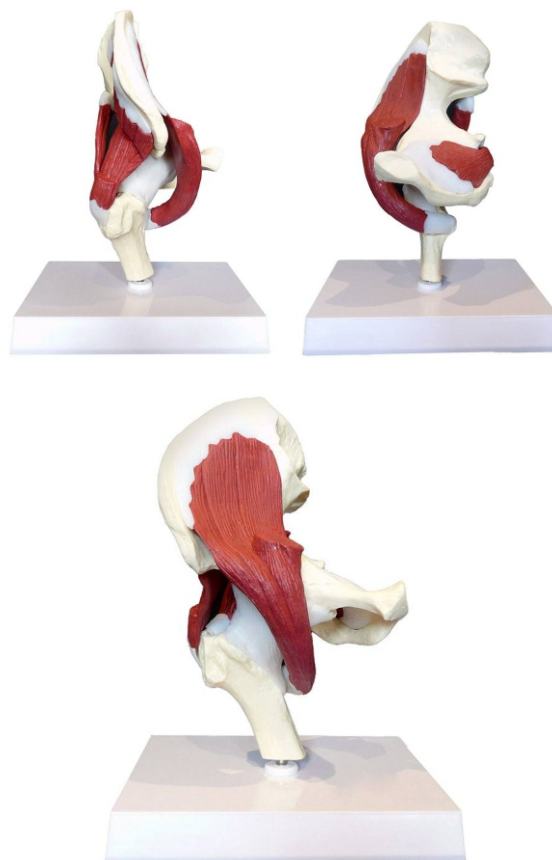




Human Hip with Muscles

Model No. MG30900 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA



Life-size model with femoral portion: gluteus medius, gluteus minor, iliacus, inferior and superior twin muscles, obturator internus, piriformis and psoas muscles and joint capsule ligaments. Made of high quality durable plastic material, the model is articulated and shows the hip muscles in detail, showing the main muscles and ligaments, ideal for offices, clinics, exam rooms, waiting rooms for patient education. The model comes on a stand base and with a double information card. The model can be removed from the base.

One year warranty

Model size: 5 x 4.7 x 8.3 in.

Model weight: 2.2 lbs.



AUGMENTED REALITY

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INC Skill lab Guidelines

V. MIDWIFERY & CHILD HEALTH NURSING LABORATORY

1. Midwifery

A. Models and Manikins (Mannequins)/Simulators

S.No.	Items	Quantity
1.	Stages of development of embryo model	1 set each
2.	Abdominal (Antenatal) palpation manikin with Leopold manoeuvre	2
3.	Human fetus replicas	2
4.	Child birth (Advanced birthing) simulator with episiotomy repair attachments	4
5.	Cervical dilatation model with attachments	2
6.	Female pelvis model	5
7.	Fetal skull model	5
8.	Placenta	2
9.	Breast examination model	2
10.	Essential new born care & new born resuscitation manikin & kit (Neo Natalie)	4
11.	Baby doll/New born baby	2
12.	Adult IV arm training kit	2
13.	IM injection training manikin	2
14.	Female catheterization manikin	2
15.	Manikin for simulation and management of PPH (Mama Natalie)	4
16.	Adult CPR manikin	1
17.	Zoe model with post-partum uterus for IUCD insertion (Gynecological simulator)	1
18.	Anteverted and retroverted uterus model	1
19.	Hand held uterus model	2
20.	Penile model	2

B. Charts

S.No.	Items	Quantity
1.	Pregnancy chart (breast changes and uterus changes)	1
2.	Fetal development chart	1
3.	EDD calculator chart/wheel	20

MIDWIFERY & CHILD HEALTH LABORATORY

Sr.No.	Description	Qty	Model No.	Item Name
1	Stages of development of embryo model	1	MG31154	Pregnancy Series Models, Set of 8
2	Abdominal (Antenatal) palpation manikin with Leopold manoeuvre	2	SB38758L	Total Childbirth Education Station
3	Human fetus replicas	2		
4	Child birth (Advanced birthing) simulator with episiotomy repair tvey attachments	4	SB38758L	Total Childbirth Education Station
5	Cervical dilatation model with attachments	2	SB38758L	Total Childbirth Education Station
6	Female pelvis model	5	MG22964	Female Pelvis Model
7	Fetal skull model	5	MG22302	Fetal Skull Model Mounted on Stand, 30th Week
8	Placenta	2	MG16212	Placenta Model
9	Breast examination model	2	LF00980	Advanced breast exam simulator
10	Essential new born care & new born resuscitation manikin & kit (Neo Natalie)	4	101-340	Neo Nate – Neonatal Resuscitation Trainer
11	Baby doll / New born baby	2	SB34425L	Newborn Baby Dolls
12	Adult IV arm training kit	2	7010	Training arm for intravenous injection and infusion
13	IM injection training manikin	2	LF00952	Injection Training Model
14	Female catheterization manikin	2	LF00856	Catheterization Simulator, female
15	Manikin for simulation and management of PPH (Mama Natalie)	4	SB50848L	Susie® Advanced OB Simulator
16	Adult CPR manikin	1	PP-AM-100M-MS	Adult Manikin with CPR Feedback, Single
17	Zoe model with post-partum uterus for IUCD insertion (Gynecological simulator)	1	SB28796L	Zoe® Gynecologic Simulator
18	Anteverted and retroverted uterus model	1		
19	Hand held uterus model 261	2	MG36026	Uterus with Ovary Model, 2-Parts
20	Model feathers	2	L45	Condom Training model, white skin colour





Pregnancy Series, 8 Models

Model No. MG31154 Sh. wt. 12.1 lbs

Make : Nasco Healthcare, USA



This pregnancy series set with eight models demonstrates the development process of the human fetus from the 4th week to the 7th month of pregnancy. All the main anatomical structures of the uterus and fetus are represented. One of the models in the set shows a pregnancy with twins. Each model is mounted on an individual stand that can be removed for easy viewing. 1-month-old embryo; 2-month-old embryo; 3-month-old embryo; 4-month-old fetus (lying transversely); 5-month-old fetus (breech position); 5-month-old fetus (lying transversely); twin fetuses at 5 months (normal position); 7-month-old fetus.

One year warranty

Model size: 22.4 x 7.1 x 10.6 in.

Model weight: 11 lbs.



EXCLUSIVE SMART TAG INTERACTION

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AUGMENTED REALITY

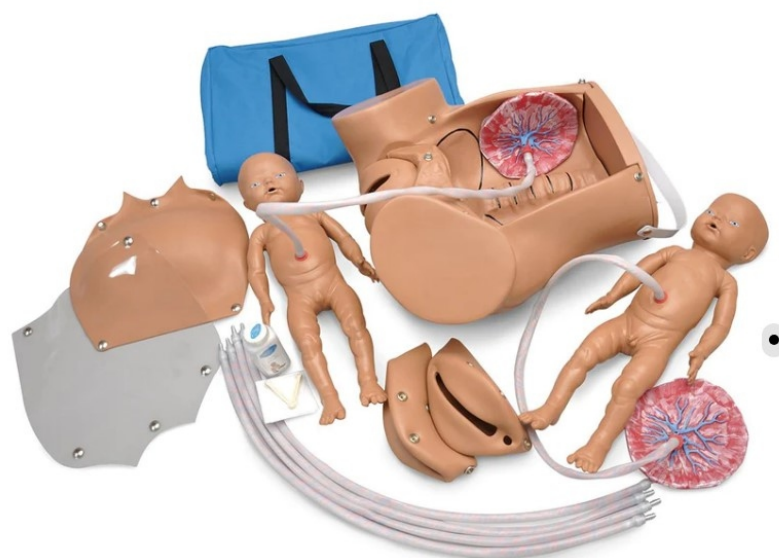
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Total Childbirth Education Station - Light

Model No. SB38758 L (Gaumard USA)



The Obstetric Susie® S500 is a versatile childbirth skills trainer for practicing routine and complicated delivery techniques. Participants can practice providing care through the birthing process from delivery to postpartum care. The simulator's lifelike features ensure participants can go hands-on and practice the skills needed to provide safe and effective care during high-risk/low-frequency events.

- Normal vaginal delivery
- Complete, frank, and footling breech birth
- C-section delivery
- Ritgen's maneuver
- Episiotomy
- Vertex presentation
- Intrauterine manipulation
- Vertex/vertex, vertex/breech, breech/vertex, or breech/breech presentation in multiple births
- Prolapse of umbilical cord
- Demonstration of placenta previa: total, partial, and marginal
- Normal delivery of umbilical cord and placenta
- Palpation of fetal fontanelles
- Removable diaphragm end plate for manual positioning of fetal baby/babies
- Removable stomach cover for positioning fetus
- Life-size pelvic cavity with major anatomic landmarks
- Hand-painted outline of the bony pelvis
- Three soft vulval inserts for episiotomy exercises
- One baby boy and one baby girl, each with umbilical cord and placenta
- Anatomically accurate backbone and fontanelles on fetal baby/babies

Package Contents:

- Obstetric Susie® S500 Skill Trainer
- One skin-tone stomach cover
- Four extra umbilical cords
- Two umbilical clamps
- Talcum powder
- Instruction manual
- Soft carrying bag



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Human Female Pelvic Skeleton

Model No. MG22964 Sh. wt. 3.3 lbs

Make : Nasco Healthcare, USA

A life-size replica of a female pelvis, rich in anatomical detail, ideal for study and demonstration. This model features the pelvic bones, sacrum, ilium, ischium, pubic symphysis, pubis, acetabulum, obturator foramen, and coccyx with high precision. The structure is presented without a support base, allowing for greater flexibility in its use.

One-year warranty

Model size: 9.7 x 7.1 x 8.5 in.

Model weight: 2.2 lbs.



AUGMENTED REALITY

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Foetal Skull, 30th week of Pregnancy

Model No. MG22302 Sh. wt. 2.2 lbs

Make : Nasco Healthcare, USA

A life-size anatomical model representing a human fetal skull at 30 weeks of gestation, mounted on a polymer base with a metal support and rod. It features precise details of the main cranial bone structures, ideal for study and demonstration.

One-year warranty

Model size: 4.3 x 4.3 x 7.9 in.

Model weight: 1.1 lbs.



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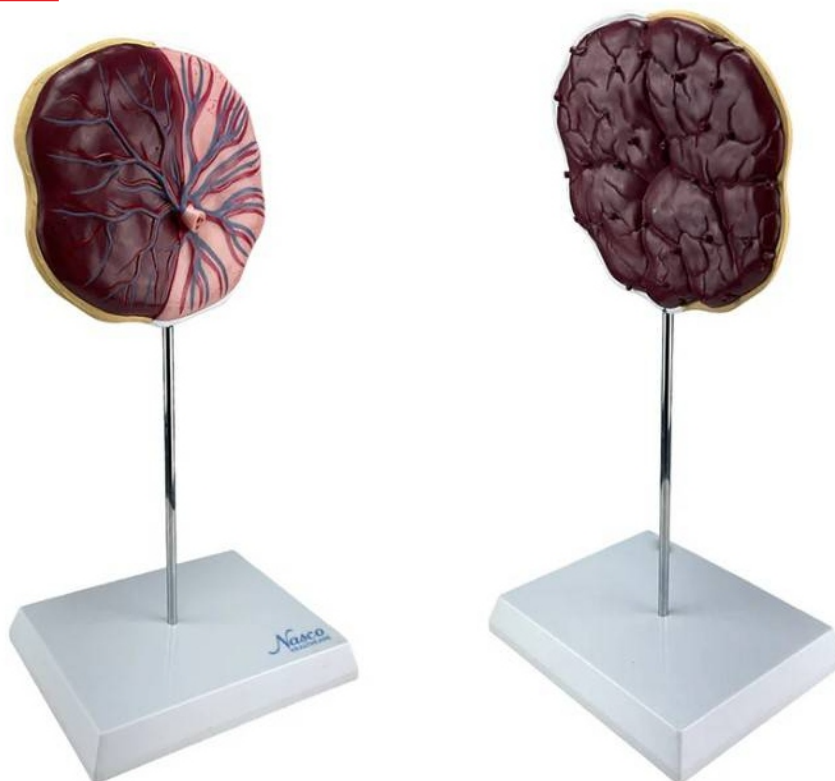




Human Placenta

Model No. MG16212 wt. 2.2 lbs

Make : Nasco Healthcare, USA



An exceptionally detailed anatomical model of the placenta. It is a life-size model that shows the structures of the maternal side and fetal side, including the inside of the placenta. The maternal side of the model presents the dark red structure of the decidua exposing the cotyledons. The fetal side of the model reveals the smooth, shiny amnion (amniotic membrane) partially removed, exposing the intervillous space and umbilical vessels.

One-year warranty

Model size: 5.5 x 5.1 x 1 in.

Model weight: 1.1 lbs.



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Advanced Breast Examination

Model No. LF00980 Sh. wt. 17 lbs

Make : Nasco Healthcare, USA



Life/form® Advanced Breast Exam Simulator •

Tissue density varies within the simulated breast

Tumors of varying sizes (1-4 cm diameter), shapes (round, oval, irregular/stellate), and densities can be inserted by the instructor for an expanded combination of training scenarios

Tumors represent adenomas, cysts, malignant tumors, and enlarged lymph nodes

Torso is correctly positioned in the supine position and allows access to both axillae

Features palpable ribs, sternum and clavicles, and enlarged lymph nodes in the axillary and subclavicular areas

5-year warranty

- Peau d'orange ("orange peel skin") with inflammation,
- inverted nipple, skin dimpling, and asymmetry are
- also depicted on the incredibly realistic skin
- Designed for supine or upright examination
- Training may also be done without the overlay skin
- Includes a rigid underbody, right and left breast
- inserts, overlay skin, 3 tumor sets (27 lumps), 9 soft nodules to represent soft breast tissue, 1 hard lump to represent chest wall infiltration, baby powder, instruction manual, and hard carry case
- 14 in. W x 11 in. H x 6 in. D

Consumables & replacement parts	Model No.
Left Breast Replacement Sh. wt. 2 lbs.	LF00980(A)U
Right Breast Replacement Sh. wt. 1.50 lbs.	LF00980(B)U
Replacement Tumor Set — 27 Lumps Sh. wt. 0.50 lbs.	LF00980(C)U



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Neo Nate - Neonatal Resuscitation Trainer

Model No. 101-340 Make : Nasco Healthcare, USA



Effective simulation of standard and emergency care immediately after birth.

Simulated birth cries, airway clearance, auscultation of heart sounds, ventilation with proper head tilt and chin lift, simulated heartbeat and umbilical pulse.

A high-quality, lifelike neonatal trainer designed for the instruction of basic care and lifesaving skills in the moments immediately after birth. Neo Nate addresses key training demands of neonatal care specialists in clinical settings, making it ideal for the training of nurses, midwives, obstetricians, and neonatal/pediatric care providers.

Key Features

- Three-year warranty
- Removable chest overlay with lungs and umbilical stump
- Umbilical cord management
- Realistic chest compressions with click
- Visible chest rise during ventilation
- Simulated vital signs



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Doll New Born BLK Girl 21"

Model No. SB34425 L Sh. wt. 5 lbs

Make : Gaumard, USA



Newborn Baby Dolls

- Lifelike baby is only 1 day old, its eyes are just slightly open, its umbilical cord is still visible, and it has a "soft spot" on its carefully sculpted head
- Soft vinyl body with jointed arms and legs
- Surface washable and posable
- The doll is anatomically correct for complete realism
- Baby dolls arrive with diapers
- 21 in. long

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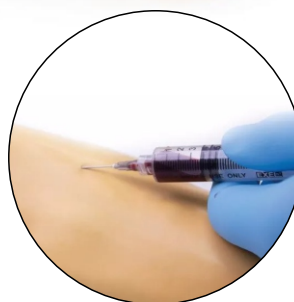
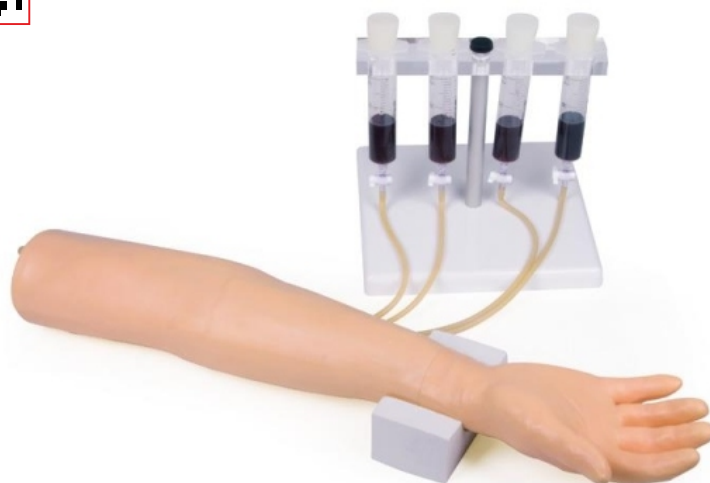
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Training Arm for Intravenous Injection and Infusion

Model No. 7010 (Erler Zimmer, Germany)



- The high-quality Erler Zimmer injection arm offers a wide range of application possibilities for professional and realistic training of blood collection, ideally suited for the training and further education of medical personnel.
- The injection arm is very lifelike, especially in terms of the puncture feeling, requires hardly any care and has skin and veins that can be changed easily and quickly.
- This unbeatable value for money model is particularly suitable for group training. The wear parts are easily changed by the user and cost a fraction of comparable competitor products, so you can let your practitioners practice as often as they like.
- 5 year warranty, manufactured in Germany.

Ideally suited for:

- Intravenous injection
- Intravenous infusion
- Blood collection
- Palpation of veins
- Placement of a venous access

Scope of delivery:

- 1x adult injection arm incl. skin and venous system
- 1x arm support
- 4x fluid container
- 1x 250ml artificial blood
- 1x stand for artificial blood
- 1x product manual



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Injection Trainer Light

Model No. LF00952 Sh. wt. 2.25 lbs

Make : Nasco Healthcare, USA



The Life/form® Injection Training Models allows individuals to Practice intradermal, subcutaneous, and intramuscular injections safely and conveniently.

The soft, realistic material can be punctured repeatedly without showing needle holes. Injecting with liquids is not recommended.

Pad measures 7 in. L x 4 in. W x 2-1/2 in. D.

Five-year warranty.

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Female Catheterization Simulator

Model No. LF00856 Sh. wt. 7.833kg

Make : Nasco Healthcare, USA



- Simulator is the lower torso of a middle-aged woman with thighs abducted for proper position during catheterization
- Includes a bladder reservoir, patient urethra, and a valve simulating the internal urethral sphincter
- Normal feeling of resistance and pressure is experienced as a catheter is passed through the urethra, past the sphincter, and into the bladder
- When the catheter enters the bladder, artificial urine (water) will flow from the catheter
- External genitalia and perineum are molded in lifelike form
- Labia minora can be spread apart naturally to reveal the clitoris, urethral opening, and vaginal introitus
- Includes lubricant, silicone catheter, instruction manual, and hard carry case
- 5-year warranty

Consumables & replacement parts Model No.

Foley Catheter, Silicone

- 16 FR 5 cc Each. Sh. wt. 0.25 lbs.
- Pkg. of 10. Sh. wt. 0.63 lbs.

LF01127U

LF01128U

Fluid Administration Set

- With special adapter for Male and Female Catheterization Simulators
- Includes fluid bag with tubing and a fitting
- Sh. wt. 0.25 lbs.

LF01098U

Fluid Supply Stand

- 5 in. x 8 in. base, 5/16 in. steel hooked rod
- Sh. wt. 4 lbs.

LF01022U

Consumables & replacement parts Model No.

Lubricant Kit

- 2-oz. bottle
- Pkg. of 6 Sh. wt. 0.88 lbs.

LF00985U

Nasco Cleaner

- Use to remove stubborn stains from *Life/form*® simulators and trainers
- 12-oz. bottle Sh. wt. 0.88 lbs.

LF09919U

Catheter Obstruction Tool

- Use to clear any obstructions within the urethra
- Comes in a zipper closure bag with lubrication and instructions Sh. wt. 0.38 lbs.

LF00844U



Susie® Advanced OB Simulator

Model No. SB50848 L Sh. wt. 16kg (Gaumard USA)



This battery powered birthing simulator offers more than 30 hours of operation and uses durable materials for years of usage.

Delivered with midwifery gown, two pair of non-latex gloves, suction bulb, conventional stethoscope, Pinard stethoscope, blood collection stand with squeeze bulb, simulated blood and urine concentrate, 1 non-sterile urinary catheter, 3 distensible cervixes, 2 placentas with removable fragments, silicone lubricant and talcum powder, instruction manual and carrying bag.

Features

- Lightweight birthing torso available in light, medium or dark skin colors
- Vertex or breech deliveries
- Vacuum augmentation or forceps assisted deliveries
- Replaceable vulval inserts and highly distensible cervixes
- Removable abdominal and opaque covers
- Audible maternal heart sounds from 0 to 200 bpm
- Audible newborn heart sounds from 0 to 220 bpm
- Audible newborn cries, grunting, and stridor
- Fetus with elevating pillow for practicing Leopold maneuvers
- Rectum allows medication

Birthing Baby Having:

- Two placentas with removable fragments
- Four umbilical cords
- Two connectors
- Two umbilical clips
- Birthing baby having skull with fontanelles

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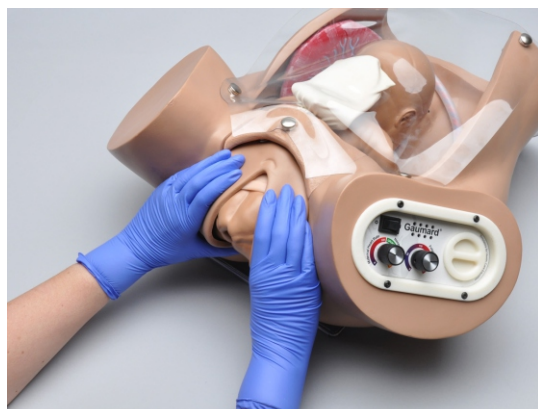
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Susie® Advanced OB Simulator

Model No. SB50848 L Sh. wt. 16kg (Gaumard USA)



- Audible heart rate from 0 to 220 bpm
- Soft face skin fits over head for vacuum/forceps delivery

Newborn Baby Having:

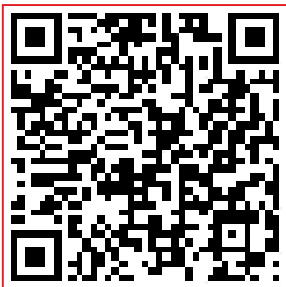
- Umbilical pulse operated by squeeze bulb
- Head cap to minimize hypothermia
- Umbilical catheterization

Other Features:

- Postpartum hemorrhage 1.25 liters of fluid
- Control postpartum hemorrhage by massaging uterus
- Bladder catheterization with variable urinary flow

Accessories:

- Battery powered. Four AA cells capable of more than 30 hours of operation
- Midwifery gown with snaps
- Two pair of non-latex gloves
- Suction bulb
- Conventional stethoscope
- Pinard stethoscope
- Blood collection stand with squeeze bulb to regulate pressure-Simulated Blood concentrate
- Simulated urine concentrate
- One non-sterile urinary catheter (not for human use)
- Three distensible cervixes
- Two placentas with removable fragments
- Silicone lubricant and talcum powder
- Directions for use
- Transportation and storage bag



Prestan Professional Adult Manikin with CPR Feedback, Single (Medium Skin)

Model No. PP-AM-100M (Prestan Products, USA)



Professional-quality manikin at a fraction of the cost! Comprehensive design allows for practice of Heimlich maneuver and abdominal thrusts, as well as CPR and mouth-to-mouth breathing. Realistic anatomical markings (Adam's apple, carotid arteries, navel, rib cage, chest notch) make it easy to learn correct hand placement for checking pulse, performing chest compressions, and more.

Prestan Professional CPR-AED Manikins are now approved for use by American Heart Association for the American Red Cross layperson and professional rescuer training courses.

Realistic to the eye and the touch, the Prestan Adult Professional Manikin is unlike any other on the market. Prestan manikins are uniquely designed as a clamshell and accommodates an easy-to-insert face shield/lung bag.

The Prestan manikins are equipped to be used with ANY AED trainer on the market today. The manikins come in three skin tones: Light, medium, and dark, and come with or without the CPR Monitor. They come individually, in a convenient four pack, or in a "Family Pack, consisting of an adult manikin, a child manikin, and an infant manikin.

Compression Clicker sound to give feedback and Compression Depth

2019 AHA Compliant with CPR Rate Monitor: Prestan's revolutionary new CPR Rate Monitor allows for instant feedback to both instructor and student regarding the rate of chest compression. This allows each student to gauge their rate of compressions on their own as well as allowing the instructor to monitor several students quickly and easily.

Product Dimensions and Weight:

- Weight: 7 lbs.
- Dimensions: 7" x 14" x 23"

Contents :

- Prestan Adult Manikin
- (OPTIONAL CPR Monitor)
- 10 Lung Bags
- Instruction Sheet
- 1 Nylon Carrying Case



- Red light: 1 to 59 compressions per minute
- Yellow light: 60 to fewer than 79 compressions per minute
- One green light: 80 to 99 compressions per minute
- Two green lights: 100 compressions per minute



Zoe Gynecologic Simulator, Light

Model No. SB28796 L Sh. wt. 30 lbs (Gaumard, USA)



Combines the ability to demonstrate multiple gynecologic procedures, as well as practice laparoscopic examination and minilaparotomy

Features:

- Full-size adult female lower torso with relevant internal anatomic landmarks
- Bimanual pelvic examination
- Palpation of normal and pregnant uteri
- Vaginal examination (including insertion of speculum)
- Visual recognition of normal and abnormal cervixes
- Uterine sounding
- IUD insertion and removal
- Contraceptive sponge insertion and removal
- Female condom insertion and removal
- Diaphragm and cervical cap insertion and removal
- Laparoscopic visualization and occlusion of fallopian tubes
- Minilaparotomy
- 1 anteverted and 1 retroverted parous uterus
- One 10-week pregnant uterus
- 1 postpartum uterus
- 5 normal cervixes with patent os
- 4 abnormal cervixes
- 10 fallopian tubes
- Realistically sculpted and anatomically accurate ovaries and fimbriae
- Uterus and cervix feature patented "screw" design for fast and easy change-out
- Includes complete skin covering, talcum powder, K-Y Jelly, instruction manual, and soft nylon carry bag



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Uterus - Ovary Healthy, 2 Parts

Model No. MG36026 Sh. wt. 0.5Kg

Make : Nasco Healthcare, USA

The model clearly shows the healthy uterine ovary in 2 parts, connected by a magnet. It allows observation of the entire structure of the uterus, which makes it an ideal piece for use in educational institutions or for demonstration in medical offices.

One year warranty

Model size: 9.5 x 7.9 x 4.7 in.

Model weight: 2.2 lbs.



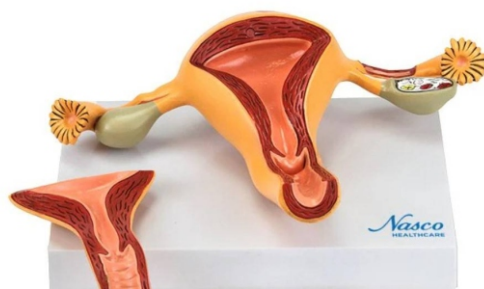
AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.



EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4anatomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.



Condom Training Model, white Skin colour

Model No. L45 (Erler Zimmer, Germany)



This life size model of an erected penis can be fixed on the table using a sucker foot and is perfect for training the correct use of a condom. Can be used with normal condoms, no special condom required.

Penis length: 13.5 cm

White skin colour.



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INC Skill lab Guidelines

S.No.	Items	Quantity
76.	Dry duster (cloth)	25
77.	Mops	4
78.	Pitcher (10-15 lt.)	4

2. Child Health Nursing

A. Models and Manikins (Mannequins)/Simulators

S.No.	Items	Quantity
1.	Pediatric training manikin	2
2.	Infant and child airway management trainer	1 each
3.	Infant injectable head	2
4.	Infant auscultation simulator	2
5.	NG tube trainer (pediatric)	2
6.	Pediatric multi venous training arm kit	2

B. Charts

S.No.	Items	Quantity
1.	Growth and development chart	1
2.	Weaning foods chart	1
3.	Breast feeding positions	20
4.	IMNCI chart (12 posters)	1 set
5.	CPR – Infant & child	1 each

S.N.	Description	Qty	Model No.	Item Name
1	Pediatric training manikin	2	SB22746 L	Mike/michelle 5yr Ped Lght
2	Infant and child airway management trainer	1	LF03609	Child Airway Mngt Trainer with stand
				OR
			LF03623	Infant Airway Mgmt Trainer with stand
3	Infant injectable head	2	LF00999	Infant Injectable Head
4	Infant auscultation Simulator	2	LF01201	Infant Auscultation Simltr
5	NG tube trainer (pediatric)	2	160-8551	NG Tube Trainer
6	Pediatric multi venous training arm kit	2	LF00958 U	Pediatric Arm



Mike® and Michelle® Pediatric Care Simulator - 5-Year-Old.

Model No. SB22746 L (Gaumard, USA)



- Sophisticated pediatric simulators for training in standard and advanced clinical procedures
- Realistic face, body, and fully jointed elbows, wrists, knees, and ankles
- Bathing and bandaging activities
- Feature soft, childlike face skin self-molded hair eyes open and close in realistic eye sockets for ophthalmic procedures fully articulated head and jaw with teeth and tongue NG and otic exercises bends 30° at waist jointed elbows and knees realistic hands, feet, fingers, and toes soft upper body skin over hard upper body intramuscular injection sites in left and right upper thighs TB test site interchangeable male organ tracheostomy opening male and female catheterization removable internal tanks enema administration and neck brace
- Fully jointed wrists and ankles
- Comes with nylon carry bag
- 44 in. long



Child Airway Management Trainer with Stand

Model No. LF03609 Sh. wt. 17 lbs.

Make : Nasco Healthcare, USA



- Simulated head of a 5-year-old child featuring realistic size and anatomy
- Perfect for practicing airway management skills on pediatric patients
- Realistic anatomy includes mouth, tongue, oral pharynx, larynx, epiglottis, vocal cords, trachea, and esophagus
- Separate lungs for auscultation
- Manual carotid pulse
- Inflatable stomach to indicate esophageal insufflation
- Practice suctioning as well as oral, nasal, and intubation techniques
- Includes lungs, stomach, pump spray lubricant, instruction manual, and hard carry case
- 5-year warranty



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Infant Airway Management Trainer with stand

Model No. LF03623 Sh. wt. 16 lbs

Make : Nasco Healthcare, USA



- Features realistic size and anatomy and is perfect for practicing airway management skills on an infant
- Includes head mounted on sturdy stand, lungs, stomach, pump spray lubricant, instruction manual, and hard carry case
- 5-year warranty



NG Tube Trainer

Model No. 160-8551 Wt. 1.35kg

Make : Nasco Healthcare, USA



Use this economical trainer for instruction of nasogastric tube insertion and care. The esophagus and stomach reside within the head for ease in storing and transporting to various classrooms or lab tables. The head comes mounted on a flat plate to hold it steady. No moving parts and simple construction assure longevity. The only replacement part is the stomach bag. Clean up is easy and quick.



Infant Injectible Head

Model No. LF00999 Sh. wt. 9.50 lbs
Make : Nasco Healthcare, USA



The Life/form® Paediatric Head is an Invaluable tool for demonstrating and practicing infusions and injections in the temporal and jugular veins of a newborn to twelve-month-old infant.

Functional head is realistically modeled to represent a six-month-old infant.

This model provides realistic sensation and response. The lifelike vinyl skin actually rolls as you palpate to allow location of the vein. The synthetic rubber tubing for the veins was carefully selected to provide a lifelike simulation of vein size, and feeling of puncture and palpation for practicing venipuncture.

The temporal vein of the Life/form® Paediatric Head is easily accessible for IV infusions. Practice in the jugular vein is equally realistic. The neck is made of soft, flexible foam to provide a realistic feel of palpation and puncture.

Includes a Life/form® Head with skin and veins, fluid supply bag, two different gauge winged infusion needles, one pint Life/form® blood, teaching guide, and hard carry case. Fluid supply stand not included

Five-year warranty.

Carton size: 19 in. x 10 in. x 5 in.

Consumables & replacement parts	Model No.
Pediatric Head Replacement Skin and Vein Kit Sh. wt. 2 lbs.	LF01003U
Pediatric Head Vein Replacements Only Sh. wt. 0.25 lbs.	LF01058U





Infant Auscultation Trainer

Model No. LF01201

Make : Nasco Healthcare, USA



- Visual and tactile realism are combined in the simulator to provide the most realistic training possible
- Anatomical landmarks provide key features necessary to learn proper infant handling in emergency and non-emergency situations
- Features 1 heart, 1 bowel, and 2 lung sites on the anterior surface, and 2 lung sites on the posterior surface
- Practice umbilical clamping, cutting, cannulation, and blood aspiration with the chest skin and umbilicus
- Anatomically correct in both size and detail
- Palpate to identify the correct auscultation sites to hear different heart, bowel, and lung sounds
- Select from 11 heart conditions, 4 bowel conditions, and 9 lung conditions
- For a list of heart, bowel, and lung conditions, visit our website
- Includes full-body infant airway management trainer, auscultation chest skin, chest skin for practicing CPR, SmartScope™ remote, umbilical cord replacements with clamps, artificial blood, IV bag, spray pump lubricant, syringe needle, instruction manual, and hard carry case
- 5-year warranty

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Pediatric Arm

Model No. LF00958 Light Sh. wt. 11 lbs

Make : Nasco Healthcare, USA



- Exact reproduction of the arm of a 6-year-old child
- Practice venipuncture and intramuscular injection techniques and procedures used in young children
- Soft foam is used to simulate the deltoid muscle and allows the student to “get the feel” of administering intramuscular injections to children
- Simulated bone in the shoulder defines and limits the injection area
- Water may be used as an injection fluid in the shoulder area
- Includes a Life/form® arm, fluid supply bag, 3 cc syringe, 1 pint Life/form® blood, instruction manual, and hard carry case
- Fluid supply stand not included
- 5-year warranty
- Carton size: 22 in. x 11 in. x 6 in.

Consumables & replacement parts	Model No.
Pediatric Arm Replacement Skin and Vein Kit Sh. wt. 1.50 lbs.	LF00986U
Pediatric Arm Vein Replacements Only Sh. wt. 0.25 lbs.	LF01056U



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TERi™ Androgynous Geriatric Trainer

Option-1

Geriatric Patient Care Trainer

General patient care, daily living assistance simulation platform.

Model No. : LF04300 Light.
Sh. wt. 66 lbs.

Option-2

Geriatric Patient Skills Trainer

Physical skills practice simulation platform with injection/IV, catheterization, cardiovascular and respiratory support.

Model No. : LF04301 . Light.
Sh. wt. 74 lbs.

Option-3

Geriatric Patient Simulator

Comprehensive and complete simulation platform including patient monitoring capability.

Model No. : LF04302 . Light.
Sh. wt. 108 lbs.

Make : Nasco Healthcare, USA



Nasogastric Tube Procedures^{2,3}

Placement, Lavage, Gavage, Feeding and Suctioning



Intravenous, Injection, Subcutaneous Injection Sites^{2,3}, optional on 1 Multiple Locations
Equipped with Standard Arm IM Injection Pads



PROM: Passive Range of Motion^{1,2,3}
Seating, Laying, Finger/Toe Manipulation with No Effort from Patient

Cardiovascular Support^{2,3}
Carotid Pulses, CPR with Quality Performance Metrics & Auscultation



Enhanced Aesthetics^{1,2,3}
Soft Silicone Skin with Noticeable Normal and Cancerous Skin Moles, Stage 1 Sacral Ulcer and Reddened Skin Folds



Grooming & Daily Living Assistance^{1,2,3}
Bathing, Clothing Changes, Denture Placement/Removal, Hearing Aid Placement/Removal, Eye Irrigation & Optic Drops, Ostomy & Urinary Catheter Care, Hair Care

Respiratory Support^{2,3}
Manual Ventilation with Chest Rise, Oxygen Administration, Tracheostomy Care, Airway/Trach Suctioning, Airway Intubation, Ventilation and Auscultation



Indwelling Male & Female Urinary Catheterization^{2,3}
Includes Support for Urethral and Suprapubic Catheters

Advanced Skills^{2,3}
Urinary Catheterization, Enema Administration, Pelvic and Prostate Examination

Seven cervical conditions are included:

- 1.) normal,
- 2.) early pregnancy,
- 3.) polyp,
- 4.) early cancer,
- 5.) late cancer, 6.) inflammation,
- and 7.) dysplasia

There are five prostates included with yoursimulator. 1.) normal size, 2.) normal size with hardnodule, 3.) enlarged on one side, 4.) enlarged across the midway with hard nodule, and 5.) enlarged with hard irregular surface early cancer, 5.) late cancer

TERi™ Androgynous Geriatric Trainer

- A comprehensive male/female elderly patient care trainer for medical simulation.
- Evolving from our GERi™/KERi™ full-body manikins, it has a more realistic look and feel accurately representing the human anatomy. Weight is distributed to represent a real patient for lifting and carrying. Height of TERi Manikin is 5 feet.
- Each version is affordable and durable with upgradable items.



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TERi™ Androgynous Geriatric Trainer

Make : Nasco Healthcare, USA



Model No.		LF04300 Light	LF04301 Light	LF04302 Light	LF04299 Light
	Feature Set Capability	Geriatric Patient Care Trainer	Geriatric Patient Skills Trainer	Geriatric Patient Simulator	Auscultation Patient Skills Trainer
General	Superior range of motion	✓	✓	✓	✓
	Enhanced full body aesthetics	✓	✓	✓	✓
	Lightweight: 50 lbs.	✓	✓	✓	✓
	Pupils	✓	✓	✓	✓
	Male and female	✓	✓	✓	✓
	Soft male and female genitalia	✓	✓	✓	✓
Skin Care	Normal and cancerous moles	✓	✓	✓	✓
	Stage I sacral ulcer	✓	✓	✓	✓
	Reddened skin folds	✓	✓	✓	✓
	Bandaging and wound dressing	✓	✓	✓	✓
Movement Assistance, Fall Prevention and Care	Patient positioning	✓	✓	✓	✓
Bathing	Clothing changes	✓	✓	✓	✓
	Bed baths	✓	✓	✓	✓
Grooming & Daily Living Assistance	Eye irrigation and optic drops	✓	✓	✓	✓
	Dental care	✓	✓	✓	✓
	Ear canal irrigation	✓	✓	✓	✓
	Hearing aid	✓	✓	✓	✓
	Hair care	✓	✓	✓	✓
Nursing Care	Pericare	✓	✓	✓	✓
	Ostomy care	✓	✓	✓	✓
	Urinary catheter care	✓	✓	✓	✓
	Stomas	✓	✓	✓	✓
	Standard arms with injection sites	✓	✓	✓	✓
	Support for oxygen administration	✓	✓	✓	✓
	Left blood pressure arm (with radial pulse)	Option*	✓	✓	✓
Advanced Skills	Injection sites	Option*	✓	✓	✓
	Gastrostomy procedures		✓	✓	✓
	Nasogastric tube procedures		✓	✓	✓
	Respiratory support: tracheostomy care, airway/trach suctioning		✓	✓	✓
	Urinary catheterization		✓	✓	✓
	Enema administration (female)		✓	✓	✓
	Pap smears (female)		✓	✓	✓
	Pelvic examination (female)		✓	✓	✓
	Prostate examination (male)		✓	✓	✓
	Right IV arm trainer	Option*	✓	✓	✓
	IV arm circulation pump	Option*	Option*	Option*	Option*
ACLS/BLS	Foot Assessment, Wound Care and Edema		✓	✓	✓
	CPR with quality performance metrics		✓	✓	✓
	Carotid pulse		✓	✓	✓
	Articulating jaw	✓	✓	✓	✓
	Intubation		✓	✓	✓
Advanced Nursing ACLS/BLS	Ventilation		✓	✓	✓
	Auscultation (heart and lung sounds)				✓
Monitoring & Therapeutics	Patient vital signs and monitored signals	Option ¹	Option ^{2,3}	✓ ³	✓ ³



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GERi™ Complete Nursing Skills Manikin

Model No. LF04001 Sh. Wt. 28 lbs.

Make : Nasco Healthcare, USA

GERi™ has an elderly appearance with skin wrinkles and folds. Complete lifelike range of motion, realistic patient positioning, and non-pinching joints - moves like a person.

- Full-size adult manikin - measures 58 in.
- Overall female appearance
- Converts to male with removal of wig and attachment of male genitals



Visual Inspection:

- Normal and Cancerous Mole
- Stage 1 Sacral Ulcer
- Dilated and Constricted pupils
- Reddened Skin Folds

Patient Care Simulation:

- Bandaging and Wound Dressing
- Bed Baths
- Clothing Changes
- Denture Placement and Removal, Upper and Lower
- Ear Canal Irrigation, Otic Drops, and Hearing Aid Placement
- Eye Irrigation
- Finger and Toe Manipulation with Bandaging - Flexible and Individually Molded
- Hair Care Washing and Combing
- Intramuscular Injection Sites: Arm, Thigh, Buttock
- Oral and Nasal Hygiene: Lavage, Gavage, and Suctioning
- Ostomy Care: Ileostomy and Colostomy Tissue
- Maintenance and Appliance Application, Lavage, and Suctioning
- Patient Positioning
- Patient Transfer Techniques
- Pericare
- Tracheostomy Care, Lavage and Suctioning

The complete GERi™ Manikin also includes:

- Gastrostomy Procedures, Lavage and Gavage
- Enema Administration, Female Only
- Urinary Catheterization, Female and Uncircumcised Male
- Pap Smears and Douching
- Prostate Exam, Stage B
- Nasogastric Tube Placement
- Internal Fluid Reservoirs

Ideal for OBRA Required Training. Carry case not included.
Five-Year Warranty.



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SKILLQUBE qubeZERO

Model No. : SQqubeZeroEX

(SkillQube, Germany)

qubeZERO is a generic version of a patient monitoring device.

qubeSERIES monitoring simulation system for your patient monitor/defibrillators.



Key Features:

- Full functional ECG-monitor interface
- CPR-mode, defibrillation, pacemaker
- Checklists and standard procedures for documentation
- Seamless integration with qubeAV mobile debriefing system
- Browser-based scenario editor, image, and video library
- Control of vital parameters by instructor
- Auscultation functionality, blood glucometer, thermometer with an assessment app



Product components:

- 1 software license for a monitor/device
- Hardware (frame, carry case, cables)
- Sensors: CPR feedback



Not included/must purchase the following separately:

iPad Pro 12.9" (5th Generation 2021, 128GB min)
 iPad 10.2" (9th Generation 2021, 64GB min)
 iPod 4" (7th Generation 2019, 32GB min)
 Dimensions: 24" x 15.75" x 11.5".

Sh. wt. 11.57 lbs without Apple hardware.



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Deluxe Child CRiSis™ Manikin with ECG Simulator

Model No LF03617 Sh wt 38 lbs

Make : Nasco Healthcare, USA



- Complete PALS training capabilities in 1 manikin
- Simulating a 5-year-old child, it combines all of the skill stations on 1 manikin, making training more realistic and giving students an appreciation for the smaller scale of the patient
- Realistic anatomy and landmarks include a mouth, tongue, oral pharynx, epiglottis, arytenoids, vocal cords, trachea, and esophagus
- Manikin is 46 3/4 in. long and weighs 20-lbs.
- 5-year warranty

Features:

Airway Management

- Compatible airway management devices include E.T., E.O.A., E.T.L., L.M.A., E.G.T.A., CombitubeR, and King Systems
- Inflatable stomach bladder to indicate esophageal intubation
- Oral, nasal, and digital intubation capabilities
- Realistic anatomical features
- Separate left and right lungs for auscultation
- Suctioning capabilities

Blood Pressure Arm

- Auscultatory gap
- Systolic and diastolic levels, heart rate, and sound volume
- Palpable radial pulse
- Speaker in arm reproduces real blood pressure sounds
- 5 Korotkoff sounds

CPR

- Fully articulated head, neck, and jaw
- Jaw thrust
- Palpable and visual landmarks
- Palpable carotid pulse (manual)

IV Arm

- Articulated at the biceps for antecubital and dorsal access
- Realistic flashback from a pressurized system
- Replaceable skin and veins
- Smaller lumen tubing simulates the size of a child's veins

Defibrillation Chest

- Compatible with all standard brands and types of defibrillators, monitors, and patient simulators
- Internal load box absorbs full strength shock
- Manual, automatic, and semi-automatic defibrillation
- Pacing
- Rhythms are detected at 4 ECG sites and 2 defibrillation sites

Femoral Access

- Articulated leg requires proper positioning
- Palpable arterial pulse (manual)
- Palpable symphysis pubis and anterior superior iliac spine
- Realistic flashback from pressurized venous system
- Replaceable injection pad

Intraosseous Infusion

- Palpable landmarks include the patella, tibia, and tibial tuberosity
- Pressurized system allows aspiration of fluid
- Replaceable bones and skin

The addition of interactive ECG Arrhythmia Simulator

ECG simulator recreates 17 adult heart rhythms and 17 pediatric rhythms



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STAT Baby Advanced

Model No. 101-8010 Sh. wt. 122 lbs.

Make : Nasco Healthcare, USA



- Utilizes easy-to-use iPad®* technology
- Gives the instructor control of the physiological features of the baby to deliver challenging training to develop student assessment skills and easily tracks sessions for later review and debriefing
- Manage student information, easily create alternate scenarios or use existing, and efficient records management of the training
- Satisfies every training need for post-neonatal care of pediatric patients
- iPad®* included
- Lifelike skin
- Accepts LMA, ET, OPA, NPA, and LT airways
- Sternal retraction
- Fully enclosed crib with waterproof surface
- 6 ft. (183 cm) tether assembly
- Heart sounds
- Lung sounds
- Voice sounds
- Spontaneous breathing
- 7 pulse points
- I/O leg
- 3 IV sites
- PICC access site
- IM/SQ injection sites
- Advanced intubation head with tongue edema and laryngospasm
- Pneumothorax reduction bilaterally
- 4-lead monitoring
- Chest tube insertion (left side only)
- Defibrillation
- Rectal medication
- Urinary catheterization
- 55 in. x 28 in. x 11 in.
- 1-year warranty

Consumables & replacement parts	Model No.
Leg Skin (1 Left and 1 Right) 1.25 lbs.	101-428U
Arm Skin (1 Left and 1 Right) 1.25 lbs.	101-429U
I/O Leg Bones (Pkg. of 12) 0.88 lbs.	101-431U
Arm/Hand Replacement Vein Kit 0.19 lbs.	101-095U
IV Replacement Vein Kit 1.25 lbs.	101-427U
Pneumothorax Pads (Pkg. of 4) 1.25 lbs.	101-430U
IM Injection Site (Pkg. of 4) 1.25 lbs.	101-432U
Subcutaneous Injection Site (Pkg. of 4) 1.25 lbs.	101-433U



C.H.A.R.L.I.E. Neonatal Resuscitation Simulator

Model No. LF01421 Sh. wt. 14 lbs.

Make : Nasco Healthcare, USA

Meet Baby C.H.A.R.L.I.E. and satisfy all your training requirements for NRP 7th edition

C : Compressions, Cardiac
H : Heat compatible
A : Airway, Arterial access via the umbilicus
R : Resuscitation
L : Laryngeal mask capable for oxygen use or PPV
I : Intravenous, Intraosseous, Intubation
E : ECG

Features:

- Airway, breathing, intubation, and ventilation
- Chest tube placement
- CPR
- ECG simulation (must have ECG simulator SVN-670 or SVN-102)
- Gastrointestinal (GI) tube
- Intraosseous infusion
- Observation and measurement
- Palpable manual pulse points in 7 locations
- Patent umbilicus with venous and arterial access
- PICC site in arm
- Urinary catheterization to use with interchangeable genitalia



C.H.A.R.L.I.E. Neonatal Resuscitation Simulator with Interactive ECG Simulator

- Defibrillation shock can be delivered through manikin or simulator
- Connect defibrillator/external pacer to simulator using adapters
- Built-in circuitry allows you to defibrillate and pace directly into the ECG simulator and observe ECG rhythms through the PADS connector
- Convert feature
- Select another rhythm to run immediately after defib discharge
- Pacing can be done on any manufacturer's defibrillator
- Battery saver feature powers-off simulator automatically when not in use
- 6 waveforms
- 17 adult/pediatric rhythms



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C.H.A.R.L.I.E. Neonatal Resuscitation Simulator

Model No. LF01421 Sh. wt. 14 lbs.

Make : Nasco Healthcare, USA

• C.H.A.R.L.I.E. comes complete with:

- Airways, 2, standard and advanced
- Baby powder
- Blood
- Carry bag
- Defibrillation chest
- Intraosseous bones and skin
- IV bag
- IV skin and veins for hand and foot
- Male and female genitalia
- Myelomeningocele
- Needles
- Omphalocele
- Umbilicus
- Instruction manual
- 5-year warranty

Consumables & replacement parts	Model No.
Bilateral Chest Insert Sh. wt. 0.63 lbs.	LF01401U
Unilateral Chest Insert Sh. wt. 0.63 lbs.	LF01402U
Replacement Airway Sh. wt. 0.25 lbs.	LF01403U
Replacement IV Hand Skin and Vein Sh. wt. 0.06 lbs.	LF01404U
Replacement IV Foot Skin and Vein Sh. wt. 0.06 lbs.	LF01405U
Umbilicus with Pulse Sh. wt. 0.06 lbs.	LF01412U
Birth Defects Sh. wt. 0.56 lbs.	LF01407U
Replacement Advanced Airway Sh. wt. 0.38 lbs.	LF01408U
Defibrillation Chest Sh. wt. 0.50 lbs.	LF01409U
Replacement Genitalia Male and female. Sh. wt. 0.50 lbs.	LF01410U
Replacement I/O Skin Sh. wt. 0.50 lbs.	LF01411U
I/O Bone and Blood Capsule Pkg. of 12. Sh. wt. 2 lbs.	101-092U





PALS IV Arm

Model No. LF03637 U Sh. wt. 2.50 lbs

Make : Nasco Healthcare, USA



- **Life/form® Infant IV Arm**
- Special, extremely thin, synthetic skin, and tubing with appropriately small lumen and thin walls
- Cephalic and basilic vein are accessible, as well as the dorsal venous arch on the hand
- Includes 2 IV bags with clamps, 1 pint blood, and winged infusion set
- 5-year warranty

Consumables & replacement parts	Model No.
Infant IV Arm Replacement Skin and Veins Sh. wt. 2.50 lbs.	LF03641U
Blood Quart. Sh. wt. 0.38 lbs. Gallon. Sh. wt. 0.88 lbs.	LF00845U LF00846U
Fluid Supply Bag 500 ml. Sh. wt. 0.31 lbs.	LF01130U
Fluid Supply Stand • 5 in. x 8 in. base, 5/16 in. steel hooked rod Sh. wt. 4 lbs.	LF01022U





Clinical Chloe™ Advanced Patient Care Simulator

Model No. SB51891 L Sh. wt. 50 lbs.

(Gaumard, USA)



General Patient Care

- Articulating head, jaw, elbows, wrists, knees, and ankles
- Bathing and bandaging activity
- Enema administration capability
- Full body with soft realistic face skin, hands, feet, fingers, and toes
- Interchangeable male and female organs
- Manual palpable pulses
- Realistic eyes for ophthalmic exercises open and close (1 pupil is dilated)
- Realistic urethral passage and bladder for catheterization exercises
- Set of 2 decubitus ulcers
- Simulated ear canal for otic drops and irrigation
- Stylish wig for hair care exercises and surgical draping
- Transverse colostomy, ileostomy, and suprapubic stomas to practice irrigation
- Ulcerated foot
- Upper and lower dentures for oral hygiene

Breast Palpation

- Breast palpation capability with 1 abnormal breast
- Interchangeable male and female breast inserts

CPR

- OMNI® Code Blue® Pack included to monitor compressions and airway ventilations
- Practice BVM with realistic chest rise
- Practice CPR
- Realistic heart, lungs, ribs, stomach, and liver for unparalleled CPR performance

Airway

- Anatomically accurate airway
- Nasal and oral tube placement
- NG and OG tube feeding and gastric suction
- Tongue, epiglottis, vocal cords, and esophagus look and feel real
- Trachea, bronchi, and lungs enable assessment of airway management skills
- Tracheotomy intubation with replaceable trachea
- Tracheotomy placement

Injection Training

- Advanced training arm and hand for IV, IM, and sub-Q techniques
- Intramuscular injection sites in arm, thighs, and buttock

GYN Training

- Vaginal douching and Pap smear exercises with realistic vagina and cervix

Other

- Bends and detaches at waist for easy storage
- Carrying bag
- Detachable and removable internal tanks
- Instruction manual
- Latch provides secure seal between ostomies and internal tanks
- Neck brace
- 1-year warranty



Trauma Manikin Moulage Kit

Model No. 800-6701 Ship weight 9 lbs.

Make : Nasco Healthcare, USA



Size 13" x 13" x 12". Ship weight 9 lbs.

Can be used with any Rescue manikin, the WMD/CBRNE/DECON Full-Body Trainer (101-088FBU), or the Trauma CPR Manikin (100-2700U), (100-2725U). Application of these realistic bleeding moulages to a full-body manikin facilitates quick identification, diagnosis, and dressing of wounds by trainees. Kit includes compound fractures, contusions, lacerations, evisceration, sucking chest wound, impalement, crushed foot, jaw wound, and projectile entry and exit of arm. These bleeding wounds strap on and are complete with pump assembly. Simulated blood is included. Non-bleeding strap-on wounds include 2nd and 3rd degree burns of the chest, back, forearm, and face. Manikin sold separately.

The kit contains a big variety of bleeding and non-bleeding wounds. A perfect kit to be added to a manikin.

Bleeding wounds (complete with reservoir bags with pump assembly):

- 1 sucking wound of chest
- 1 laceration of the forearm
- 1 broken clavicle with seat belt contusion
- 1 projectile entry & exit of arm
- 1 impalement of lower leg
- 1 crushed foot
- 1 jaw wound (manikin use only)
- 1 laceration of the forehead (manikin use only)
- 1 compound fracture of humerus
- 1 compound fracture of femur
- 1 compound fracture of tibia
- 1 abdominal wound with protruding intestines
- 1 pkg. blood powder for 4.5 litre simulated blood

Non-bleeding wounds:

- 2nd & 3rd degree burn of the chest
- 2nd & 3rd degree burn of the back
- 2nd & 3rd degree burn of the hand
- 2nd & 3rd degree burn of the forearm
- 1 burn of face (manikin use only)



EMT Casualty Simulation Kit

Model No. 800-818 Ship weight 33 lbs.

Make : Nasco Healthcare, USA

The EMT Kit kit has the largest variety of strap-on wounds for ease in getting the most impact with the least skill used during incident training preparation. Additional stick-on wounds and makeup accessories that allow for more detailed enhancement round out this kit.



Contents:

Bleeding strap-on wounds complete with reservoir bags with pump assembly

- 1 jaw wound (#6807)
- 1 abdominal wound with protruding intestines (#6808)
- 2 compound fractures of humerus, upper arm (#6816 each)
- 2 compound fractures of femur, upper leg (#6819 each)
- 1 laceration of forehead (#6725)
- 1 leg amputation (#6760)
- 2 compound fractures of tibia, lower leg (#6761 each)
- 2 gunshot wounds of palm (#6881 each)

Non-Bleeding Simulated Wounds:

- 1 phosphorous burn of hand (#6801)
- 1 sucking wound of chest (#6713)
- 1 face in shock (#6882)
- 1st, 2nd & 3rd degree burn of face (#6828)
- 1st, 2nd & 3rd degree burn of chest (#6724)
- 1st, 2nd & 3rd degree burn of back (#6773)
- 1st, 2nd & 3rd degree burn of hand (#6799)
- 1st, 2nd & 3rd degree burn of forearm (#6802)
- 36 assorted stick-on lacerations & open fracture wounds (reorder #219, 1 doz.)

Makeup Accessories:

- 1 body adhesive for stick-on wounds (#PP2159)
- 2 casualty simulation wax (#223, 1 container)
- 3 bottles coagulant makeup blood (#226, 1 bottle)
- 5 pkgs. powder to make 5 gallons simulated blood (#225, 1 pkg.)
- 1 pkg. of methyl cellulose for blood thickening (#228)
- 1 ea. grease paint colors: white (#220), blue (#222), brown (#221), and red (#218)
- 2 pkg. broken Plexiglas® for simulating glass embedded wound (#230, 1 pkg.)
- 1 container cold cream (#851)
- 2 atomizer mist sprayers (#839 ea.)
- 1 ea. Plastalene Modeling Paste, white (#856)
- 1 ea. Plastalene Modeling Paste, dark (#855)
- 6 tongue depressors (reorder #842, pk. of 100)

- 1 tissue (#844)
- 1 fake dirt (#233)
- 1 charcoal (#854)
- 1 petroleum jelly (#239)
- 1 mirror (#838)
- 2 spatulas (reorder #835, pkg. of 6)

Size: 24" x 9" x 20".



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Tension Pneumothorax Simulator

Model No.150-1800 Sh wt. 9 lbs.

Make : Nasco Healthcare, USA



This model allows medical personnel to practice proper needle insertion which enables built-up air pressure to escape the thorax.

The model accepts needle and thoracotomy in second intercostal space in the midclavicular line or fifth intercostal space in the midaxillary line.

Complete with foot pump, replacement 2-piece pleural chamber, rib cage, and soft lifelike skin. Soft carry bag included. Procedural needle not included.

Size: 19" x 19" x 9".



Chester Chest™ with Peripheral Port Access Arm

Model No. : SB18636 Sh. wt. 11 lbs.

(Vata Inc, USA)

External Central Catheter

- Pre-positioned, surgically placed in the right chest
- Subcutaneous tunnel is visible up to and just over the clavicle
- Distinguishable Dacron® cuff
- Distal catheter end is pre-attached to the blood reservoir bag

Implanted Vascular Access Device

- Located in the left chest under a specially formulated flap designed to simulate real human tissue
- Situated over a rigid underlying surface with molded ribs and a recessed area for the
- interchangeable inserts
- 3 difficult accessing inserts placed either under or over the port to simulate palpating and accessing a port with one of the following types of placements: normal, "tipping," "wandering," or "deeply placed"

Peripheral Placed Central Catheter

- Located in the rotated, extended, detachable right arm
- Dual lumen 5FR PICC exits the slightly raised, basilic vein on the right inner biceps
- Pre-positioned 20G IV catheter in the right forearm
- Catheters are pre-attached to a blood reservoir bag
- Complete blood draws, heparinization, and fluid infusion while attached or
- unattached to the torso

Additional Capabilities:

- Subclavian catheter
- Triple lumen catheter
- Jugular catheter



Chester Chest™ with Peripheral Port Access Arm

- Also has recessed area posterior to PICC insertion site for optional peripheral port (peripheral port sold separately at right)
- Base of recessed area is made of soft materia that permits port to "float" when accessed
- When placed over port, included tissue flap allows for a realistic feel when palpating and accessing

Consumables & replacement parts	Model No.
Chest Tissue Flap Replacement	SB41587U
<ul style="list-style-type: none"> • Duplicates the feel of human tissue • Place chest tissue flap over chest port for realistic practice of palpating and accessing • Proper access of the port is confirmed by a "blood" withdrawal • Maintains integrity even after numerous needle insertions • Replacement chest tissue flap for all • Chester Chest™ versions listed above • 11 1/2 in. x 8 in. Sh. wt. 2.25 lbs. 	

Consumables & replacement parts	Model No.
Carry Case	SB29116U
<ul style="list-style-type: none"> • Soft-sided • 21 1/2 in. x 17 in. x 16 1/2 in. Sh. wt. 5 lbs. 	
Blood Bag Reservoir for Chester Chest™	SB46515U
<ul style="list-style-type: none"> Sh. wt. 0.25 lbs. 	
Practice Port	SB41588U
<ul style="list-style-type: none"> • A real practice port with 9.6 FR catheter for the left side of Chester Chest™ Sh. wt. 2.50 lbs. 	
Universal Catheter Connector	SB50699U
<ul style="list-style-type: none"> • For use with 9.6 FR catheter Sh. wt. 0.50 lbs. 	





Peter PICC Line

Model No. : SB20132 Sh. wt. 12 lbs.

(Vata Inc, USA)



- Portable teaching model has translucent arm skin that allows the visualization of the anatomically correct cephalic, basilic, and median basilic veins
- Axillary jugular, subclavian, and superior vena cava veins are also present, plus a movable chin simulates the occlusion of the jugular to prevent the Peripherally Inserted Central Catheter Line (PICC) from taking this path
- Palpable ribs permit practice in measuring proper catheter length to the correct intercostal space
- Permits the measurement of catheter length outside of the body and the confirmation of proper placement by viewing the distal tip of the catheter in the viewable superior vena cava
- Replaceable, barely translucent arm skin allows visualization of underlying veins
- Includes soft carry case

Consumables & replacement parts	Model No.
Arm Skin Replacement Sh. wt. 0.38 lbs.	SB41585U
Body Skin Replacement. Sh. wt. 1.75 lbs.	SB41586U
Arm Vein Tubing Set Sh. wt. 0.31 lbs.	SB41583U



Pericardiocentesis Simulator with Chest Tube and Pneumothorax

Model No. : LF03769 Sh wt 27 lbs Make : Nasco Healthcare, USA



- Designed specifically to teach the skills needed to perform this difficult procedure correctly, as well as ongoing chest tube maintenance and the management of pre-hospital chest trauma
- Pressurized tension pneumothorax site and a site for the surgical placement of a functional chest tube
- Fluid color, volume, and viscosity can be varied
- May be used with any commercially available closed water seal drainage unit
- Pericardiocentesis may be performed in the left subxiphoid space and in the left fifth intercostal space
- Accurate placement of the needle will allow for the withdrawal of fluid from the simulated pericardium
- Includes fluid reservoir bag, foot pump, surgical skin pads, subcutaneous surgical pads, nurse training pads, pneumothorax pads, blood powder, thickener, simulated pericardium, IV bag, instruction manual, and hard carry case
- Fluid supply stand not included
- 5-year warranty



Spinal Injection Simulator

Model No. : LF01036 Sh. wt. 27 lbs. Make : Nasco Healthcare, USA



- Approaches include spinal anesthesia, spinal tap, epidural analgesia, caudal analgesia, sacral nerve block, and lumbar sympathetic block
- Easy-to-change vertebral column and replaceable skin
- Features proper resistance in needle puncture and accurate palpation reference points
- Spinal column can be charged with fluid
- Sitting or lateral positions for injection practice
- L1 and L2 sections of the vertebral column are visible
- Functional section includes L3-L5 vertebrae, plus the sacrum and coccyx
- Includes a fluid supply bag with connectors, instruction manual, and hard carry case
- Fluid supply stand and needle not included
- 5-year warranty

Consumables & replacement parts	Model No.
Spinal Replacement Kit Skin, musculatures, and spinal cord Sh. wt. 1.75 lbs.	LF01039U
Lubricant Kit — Pkg. of 6 2-oz. bottles Sh. wt. 0.88 lbs.	LF00985U
Fluid Supply Stand Sh. wt. 4 lbs.	LF01022U
Fluid Administration Set Fluid bag with tubing and a fitting Sh. wt. 0.25 lbs.	LF01098U



Infant Male and Female Catheterization

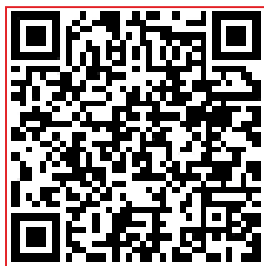
Model No. LF01035 Sh. wt. 2 lbs.

Make : Nasco Healthcare, USA



- 2-in-1 trainer that provides realistic practice of this difficult skills procedure
- Anatomically realistic with both male and female genitals
- Feel resistance and pressure as with a real patient
- Genitals made of soft, lifelike material
- Lower half of infant only
- Practice both male and female infant catheterization training
- Practice insertion, position, catheter balloon inflation and deflation
- Urine flows when catheter is in proper position
- Includes infant torso, 1 male and 1 female genital insert, 2 oz. lubricant, infant Foley catheter, and instruction manual
- 5-year warranty

Consumables & replacement parts	Model No.
Replacement Genital Inserts Sh. wt. 0.38 lbs.	
Female	LF01035(A)U
Male	LF01035(B)U
Replacement Bladder Tube Sh. wt. 0.06 lbs.	LF01221U
Infant Intermittent Catheter	
• 6 in., 8 F Each. Sh. wt. 0.19 lbs.	LF01074U
Pkg. of 10. Sh. wt. 0.44 lbs.	LF01074(A)U
Lubricant Kit Sh. wt. 0.88 lbs.	
• 2-oz. bottles	LF00985U
• Pkg. of 6	



Enema Administration Simulator

Model No. LF00957 Sh. wt. 19 lbs.

Make : Nasco Healthcare, USA



- Use for group demonstrations and practice sessions of any size
- Realistically practice administering an enema using this lifelike model
- Standard enema procedures can be performed using conventional enema apparatus — no special equipment is required
- All aspects of the simulator are realistic in every detail
- Upper buttock is flexible so the trainee must raise the buttock in order to locate and make insertion into the anus
- Drain tube is provided so fluid can be drained directly into a large container or sink
- Includes enema administration set, instruction manual, and hard carry case
- 5-year warranty

Consumables & replacement parts	Model No.
Hevi-Lube Sh. wt. 0.94 lbs. • Specially formulated, highly concentrated lubricant for exclusive use with Life/form® Enema Administration Simulator only • Pint bottle	LF01050U
Fluid Supply Stand Sh. wt. 4 lbs. • 5 in. x 8 in. base, 5/16 in. steel hooked rod	LF01022U
Fluid Administration Set Sh. wt. 0.25 lbs. • Includes fluid bag with tubing and a fitting	LF01098U
Replacement Tubing Sh. wt. 0.31 lbs.	LF01024U
Nasco Cleaner Sh. wt. 0.88 lbs. • Use to remove stubborn stains from Life/form® simulators • 12-oz. bottle	LF09919U



Suture and Stapling Practice Arm

Model No. LF01028 Sh. wt. 2.75 lbs.

Make : Nasco Healthcare, USA



- The Suture and Stapling Practice Arm is made with a soft vinyl skin over a core of stitchable foam to provide a lifelike suturing experience for students or a realistic suturing demonstration by an instructor.
- Realistic skin texture with wrinkles, pores, and visible fingerprints. Soft and pliable for easy sewing, the skin is tough enough that sutures will not pull out when tightened.
- The unit is provided with three "wounds." These "wounds" can be sutured repeatedly until the skin around them is finally worn out then, new "wounds" can be cut. Although disposable, the arm provides hundreds of suturing experiences before wearing out.
- Over one hundred cuts can be made on the trainer and each of these cuts can be sutured several times.
- Comes complete with a starter package of sutures and instruction booklet.

Consumables & replacement parts	Model No.
Suture Replacement Each. Sh. wt. 0.19 lbs. • Includes 4-0 reverse cutting nylon suture	LF07000U
Pkg. of 5. Sh. wt. 1.25 lbs.	LF07000(A)U
Suture Tool Kit with Case Only Sh. wt. 0.38 lbs.	LF01011U
Mayo Hegar Needle Holder Sh. wt. 0.19 lbs. • Highly polished stainless steel • Box lock narrow jaw, serrated and indented • Ratchet lock handle • 6 in. long	C00879U



Suture and Stapling Practice Leg

Model No. LF01034 Sh. wt. 5.50 lbs.

Make : Nasco Healthcare, USA



The Suture and Stapling Practice Leg is made with a soft vinyl skin over a core of stitchable foam to provide a lifelike suturing experience for students or a realistic suturing demonstration by an instructor.

Realistic skin texture with wrinkles, pores, and visible fingerprints. Soft and pliable for easy sewing, the skin is tough enough that sutures will not pull out when tightened.

The unit is provided with three "wounds." These "wounds" can be sutured repeatedly until the skin around them is finally worn out then, new "wounds" can be cut.

Although disposable, the leg provides hundreds of suturing experiences before wearing out. Conservatively, over one hundred cuts can be made on the trainer and each of these cuts can be sutured several times.

Comes complete with a starter package of sutures and instruction booklet.

Consumables & replacement parts	Model No.
Suture Replacement Each. Sh. wt. 0.19 lbs. • Includes 4-0 reverse cutting nylon suture	LF07000U
Pkg. of 5. Sh. wt. 1.25 lbs.	LF07000(A)U
Suture Tool Kit with Case Only Sh. wt. 0.38 lbs.	LF01011U
Mayo Hegar Needle Holder Sh. wt. 0.19 lbs. • Highly polished stainless steel • Box lock narrow jaw, serrated and indented • Ratchet lock handle • 6 in. long	C00879U



Pediatric Suture Head Kit

Model No. LF01047 Sh. wt. 9.50 lbs.

Make : Nasco Healthcare, USA



Life/form® Pediatric Suture Head Kit

- Practice draping and bedside skills as well
- Soft, lifelike skin can be cut and sutured hundreds of times, then simply replaced over the permanent core and base
- Includes scalpel, forceps, needle holder and scissors in a soft case, 1 nylon suture, simulated blood, and baby powder
- 5-year warranty

Consumables & replacement parts

Model No.

Replacement Pediatric Head Skin

- Includes 1 replacement pediatric head skin Sh. wt. 2.50 lbs.

LF01047(A)U



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Episiotomy Suturing Simulators - Set of 3

Model No. LF00690 Sh. wt. 2 lbs.

Make : Nasco Healthcare, USA



- Simulators provide a realistic way for students to learn good surgical techniques and a variety of repair experiences
- Can be used by the student in a learning lab with an instructor, or by the student individually in the clinical setting
- In addition to being portable, the lifelike texture allows the learner to develop a “feel” for instrument handling, tension on suture, and the advantages of one method of tying knots over another
- Each simulator includes an instruction manual and is individually boxed
- 5-year warranty

Consumables & replacement parts	Model No.
Suture Thread with Needle Each. Sh. wt. 0.19 lbs. Pkg. of 5. Sh. wt. 1.25 lbs.	LF07000U LF07000(A)U
Mayo Hegar Needle Holder Sh. wt. 0.19 lbs. • Highly polished stainless steel • Box lock narrow jaw, serrated and indented • Ratchet lock handle • 6 in. L	C00879U
Suture Tool Kit with Case Only Sh. wt. 0.38 lbs.	LF01011U



Suture Kit

Model No. LF01042 Sh. wt. 2.75 lbs.

Make : Nasco Healthcare, USA



Make incisions and determine the depth of suturing and the technique to be used

- Practice and demonstrate tying knots, stapling and placement of staples, use of surgical glue, suturing deep tissue (placement and closure), and suturing subcutaneous tissue (placement and closure)
- Features epidermis, dermis, fascia, fat, and muscle layers
- Skin will allow placement and closure of superficial sutures
- Includes suture pad, tray to hold pad (not shown), durable carry case, needle holder, suture scissors, tissue forceps, scalpel, nylon suture, and small carry case to hold the instruments
- Pad measures 6 in. L x 4 in. W x 1 1/2 in. D
- 5-year warranty

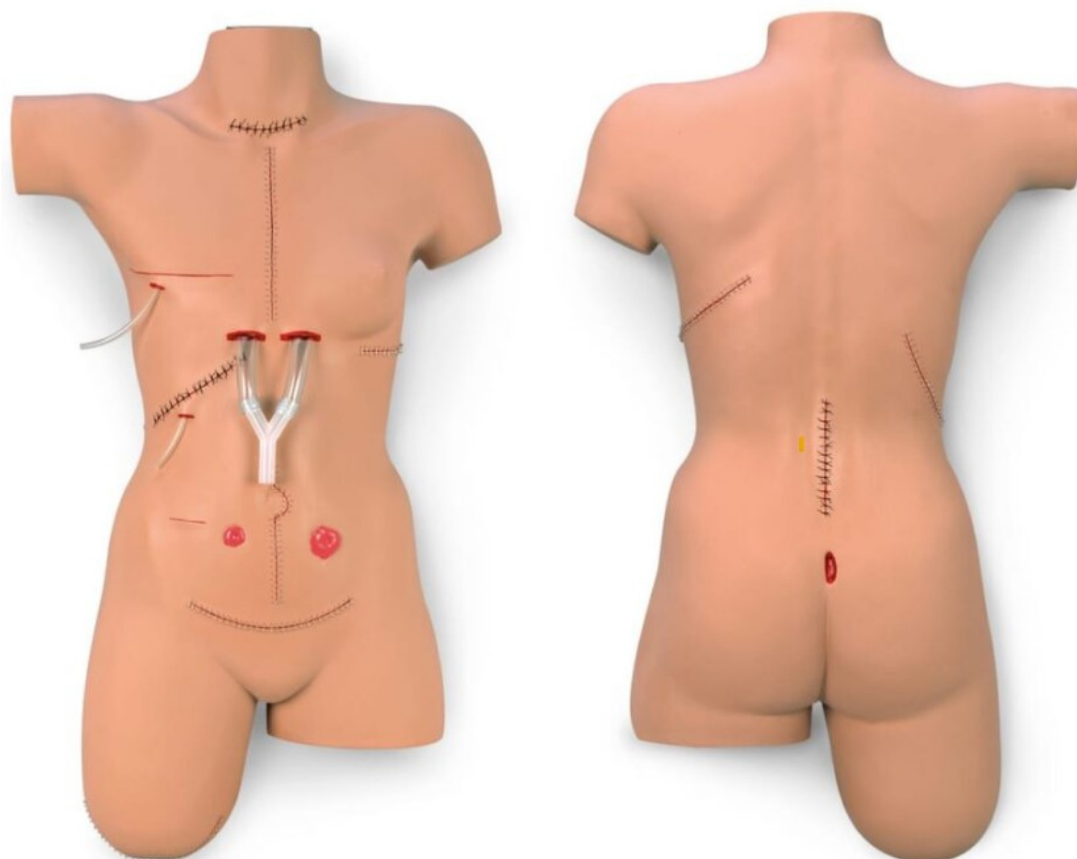
Consumables & replacement parts	Model No.
Life/form® Suture Replacement Pad Light. Each. Sh. wt. 1.50 lbs. Light. Pkg. of 10. Sh. wt. 14 lbs.	LF01043U LF01043(A)U
Suture Replacement • Includes 4-0 reverse cutting nylon suture Each. Sh. wt. 0.19 lbs. Pkg. of 5. Sh. wt. 1.25 lbs.	LF07000U LF07000(A)U
Suture Tool Kit with Case Only Sh. wt. 0.38 lbs.	LF01011U



“Surgical Sally” Bandaging Simulator

Model No. LF00929EX Sh. wt. 26 lbs

Make : Nasco Healthcare, USA



- Female “patient” with 14 surgical wounds including an abdominal hysterectomy, appendectomy, cholecystectomy with simulated T-tube, colostomy, ileostomy, laminectomy, laparotomy, leg amputation stump, mastectomy with simulated drain, mid-sternal split with simulated drains, nephrectomy, thoracotomy, thyroidectomy, and sacral decubitus ulcer — stage 2
- Conveniently practice wound management skills, dressing changes, and bandaging techniques
- Flexible, flesh-colored skin realistically responds to adhesives and all types of bandaging procedures
- Skin with realistic look and feel has been reformulated so it is drier, allowing the bandages to adhere better
- 29 in. L x 17 in. W x 8 in. D
- Includes hard carry case
- Staples and sutures cannot be removed
- 5-year warranty



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First Aid Arm

Model No. LF01005 Sh. wt. 21 lbs.

Make : Nasco Healthcare, USA



- Make synthetic blood flow from the cut on the forearm, the severed thumb, or from both at the same time
- Regulate rate of bleeding and create venous or arterial flow
- Blood returns to collection tray for reuse
- Pressure points function realistically at wrist and upper arm
- Includes arm with wound, severed thumb, collection tray, arterial pulse bulb, venous supply bag, 1 quart Life/form® blood, instruction manual, and hard carry case
- Fluid supply stand not included
- 5-year warranty

Consumables & replacement parts	Model No.
Venous Blood Quart. Sh. wt. 0.38 lbs. Gallon. Sh. wt. 0.88 lbs.	LF00845U LF00846U
Fluid Supply Stand 5 in. x 8 in. base, 5/16 in. steel hooked rod Sh. wt. 4 lbs.	LF01022U
Fluid Supply Bag 500 ml Sh. wt. 0.38 lbs.	LF01017U





Cervical Dilatation and Effacement Simulators

Model No. LF01068 Sh. wt. 19 lbs.

Make : Nasco Healthcare, USA



- 3-D simulators provide lifelike simulation of cervical examination prior to birth
- Visual and tactile sensations experienced provide a positive transition to patient procedures
- Set consists of 6 separate 4 in. W x 4 1/4 in. H x 4 3/4 in. D pelvic blocks
- External appearance of all 6 blocks is identical, with the variations being in the internal structure
- Represents internal texture, tissue density, and correct anatomical size
- Simulators depict 6 different cervical conditions prior to birth; each is clearly identified on the back side to indicate which condition exists internally
- Gain a tactile understanding of no dilatation, 2 cm, 5 cm, 7 cm, 9 cm, and effacement conditions
- Includes 6 simulation blocks (Stages 1-6), acrylic stand, glove, powder, lubricant, instruction card, and a hard carry case
- 5-year warranty



Advanced Pelvic Examination and Gynecological Simulator

Model No. LF01235 Sh. wt. 24 lbs. Make : Nasco Healthcare, USA



- Ideal for all aspects of gynecological education, training, and competency evaluation, including the bimanual exam, speculum exam, and cytology sampling
- Unprecedented realism of internal and external features
- Interchangeable components make up its unique modular system
- You choose the scenarios
- Components can be combined in a multitude of ways
- Flexibility of customizing your scenarios with use of included makeup, blood, and thickener
- Additional specialized modules are also available (STD, post-menopause, S.A.N.E., and pre-puberty)
- Completely washable, disassembles for easy cleaning
- Starter unit includes torso, normal genital pad, normal pelvic organ block with vagina and rectum, abdominal gel pad, fabric abdominal pad, abdominal overlay skin, 7 uterus/cervix pieces (normal/normal with discharge option, retroverted/cervicitis, cancer/cancer, transparent IUD trainer, post-menopause/herpes, fibroids/polyp, early pregnancy), 5 detachable ovaries (normal, polycystic, small cyst, large adnexal mass), bladder insert, pelvic organ prolapse insert, baby powder, Injury Shades Makeup Wheel, Primary Colors Makeup Wheel, blood mix, thickener, syringe, lubricant, instruction manual, and hard carrying case
- 5-year warranty



IUD Trainer

Model No. 160-1912

Make : Nasco Healthcare, USA



Hand-held trainer which is a suitable aid for understanding correct positioning of I.U.D. (Intrauterine Device) in the uterus. Made of durable plastic, the trainer features a transparent cover which allows easy visualization of insertion and placement of I.U.D. (I.U.D. not included)

Size of trainer: 4.5 x 3 x .75 inches



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Lucy Maternal and Neonatal Birthing Simulator - Basic

Model No. LF00042 Sh. wt. 72 lbs. Make : Nasco Healthcare, USA



- Designed to present the complex needs of a growing demographic with unique health and physical challenges
- A new level of physical realism allows anear-human connection and enhances the immersion in training
- Provides a comprehensive and economical birthing experience from prenatal to postnatal delivery scenarios
- Experience realistic normal and abnormal deliveries

Functions

- Airway management - intubation and ventilation with chest rise
- Amniotic sac
- Articulating arms and legs
- Articulating baby - 18 in. (45 cm) long, 22-lb. (1 kg) weight
- Birthing positions - hands and knees, lateral, supine
- Breech deliveries - complete, incomplete, Footling, and Frank
- Cervical dilation - 6 stages
- Cesarean section delivery
- CPR
- Deliveries - vaginal, cesarean, forceps-assisted, and vacuum-assisted
- Episiotomy repair
- External version
- Fetal palpation - abdominal and Leopold's maneuvers
- Fetal suction
- Fundal massage
- Intramuscular injection sites
- Manual birthing maneuver - instructor/student-controlled fetal descent
- Membrane rupture
- Oral and nasal care - lavage, gavage, suctioning
- Patient positioning and transfer techniques
- Placenta previa
- Postpartum care
- Postpartum hemorrhage
- Scalp electrode placement
- Shoulder dystocia maneuvers
- Umbilical cord clamping and cutting
- Umbilical cord prolapse



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Lucy Maternal and Neonatal Birthing Simulator - Basic

Model No. LF00042 Sh. wt. 72 lbs. **Make : Nasco Healthcare, USA**

Product Features

General

- Lightweight, full-body female - 66 in. (167 cm) long, 35-lb. (16 kg) weight
- Simple to transport in pre-hospital scenario training
- Superior range of motion with fully articulated joints
- Bony landmarks including ischial spines
- Change appearance quickly with multiple hair and eye colour combinations
- 5-year warranty

Includes

- Abdominal pad
- Abdominal skin - 1 normal and 1 cesarean
- Amniotic sac, 50
- Articulating baby
- Cervices - stages 1-6
- Chest skin
- CPR chest
- Eyes - brown/blue/green
- Fundus
- Hospital gown
- Inflation tubing with squeeze bulb
- Lubricating jelly
- Lung bag
- Pelvic block
- Perineal skin, 3 - prenatal, birthing, and episiotomy
- Perineal skin stabilizer pad
- Placenta
- Positioning bag
- Umbilical clamp
- 4 umbilical cords - 1 long, 3 short
- 3 wigs -black/blonde/brown

Consumables & replacement parts	Model No.
Articulating Baby Sh. wt. 4.50 lbs.	LF00050U
Replacement Cord Kit for Articulating Baby Sh. wt. 0.38 lbs.	LF00051U
Abdominal Pad Sh. wt. 2.25 lbs.	LF00060U
Abdominal Skin (Cesarean) Sh. wt. 3 lbs.	LF00059U
Abdominal Skin (Normal) Sh. wt. 2 lbs.	LF00058U
Cervices (Stages 1-6) Sh. wt. 2.25 lbs.	LF00067U
Fundus Sh. wt. 1.25 lbs.	LF00061U
Lung Bag Sh. wt. 0.25 lbs.	LF00070U
Meconium Methyl Cellulose Sh. wt. 2.25 lbs.	101-171U
Perineal Skin Foam Stabilizer Pad Sh. wt. 0.25 lbs	LF00065U

Consumables & replacement parts	Model No.
Perineal Skin (Birthing) Sh. wt. 1.50 lbs.	LF00064U
Perineal Skin (Episiotomy) Sh. wt. 1.50 lbs	LF00063U
Perineal Skin (Pre-Natal) Sh. wt. 1.50 lbs.	LF00062U
Placenta Sh. wt. 1.25 lbs.	LF00073U
Simulated Amniotic Sacs Roll of 50. Sh. wt. 1.75 lbs.	LF00077U
TrueClot [®] Blood Simulant Half-gallon. Sh. wt. 7 lbs.	SB51046U
TrueClot [®] Clotting Solution 500 ml. Sh. wt. 1.50 lbs.	SB51010U
Umbilical Clamp Sh. wt. 0.06 lbs.	LF00076U
Long Umbilical Cord Sh. wt. 0.63 lbs	LF00074U
Short Umbilical Cord Pkg. of 3. Sh. wt. 0.63 lbs.	LF00075U





NOELLE® Maternal Birthing Simulators

Model No. SB48760 L Sh. wt. 98 lbs.

(Gaumard, USA)



- Designed to provide a complete birthing experience before, during, and after delivery
- Features articulating full-body female manikin, intubatable airway with chest rise, IV arm for meds/ fluids, removable stomach cover, multiple fetal heart sounds, automatic birthing system, multiple placenta locations, replaceable dilating cervixes, and 1 articulating birthing baby with placenta
- Allows practice of Leopold's maneuvers, measuring head descent and cervical dilation, and postpartum suturing
- Monitor and log ventilations and chest compressions with OMNI® Code Blue® pack
- View feedback on your OMNI® device or any Windows® computer
- Includes 2 umbilical cords, 2 dilating cervixes, 2 umbilical clamps, 2 vulval inserts, 3 vulvae for postpartum suturing, postpartum hemorrhage and palpation module, training guide, teaching guide with scenarios, OMNI® Code Blue® pack (CPR Link software, CPR Link connection cable, CPR module pre-installed in simulator, international power supply [100-240V AC]), OMNI® controller talcum powder, water-soluble silicone lubricant, and carry bag
- 1-year warranty

NOELLE® Maternal and Neonatal Birthing Simulator

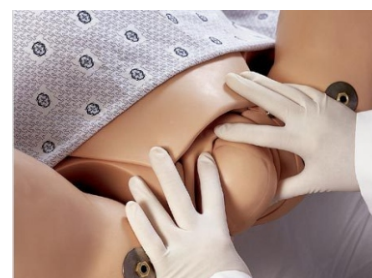
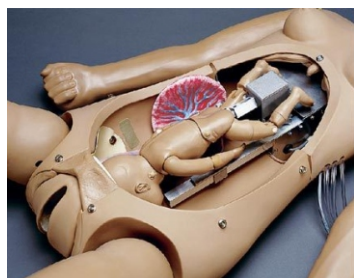
- Allows practice of C-section and forceps deliveries
- Also includes 1 resuscitation baby with intubatable airway and umbilical catheter site
- 1-year warranty
- Sh. wt. 106 lbs.

Model No. SB32878(L)U Light

NOELLE® Maternal and Neonatal Birthing Simulator with PEDI® Blue Neonate

- PEDI® Blue Neonatal Simulator with SmartSkin™ has the unique ability to change color based upon an initial pre-selected condition and the effectiveness of airway ventilation and chest compression provided
- Includes 1 Maternal controller
- 1-year limited warranty
- Sh. wt. 110 lbs.

Model No. SB37713(L)U Light



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PRESTAN Professional Adult Series 2000 Manikin

Model No. PP-AM-2000-MS

(Prestan Products, USA)



The same high quality, realistic Professional Adult Manikin is now available with Advanced Feedback including Visual Chest Rise, Rate, Depth, Recoil, Ventilation, Hands-Off Time, and Chest Compression Fraction via a Bluetooth® enabled PRESTAN CPR Feedback App available on both Apple and Android devices.

Fully compliant with current industry guidelines, including the Heart and Stroke Foundation of Canada's February 2021 Use of Feedback Devices in Resuscitation Training Courses Policy and the most recent AHA Integrated Feedback Directive.

The Prestan Professional Training Manikin series is unlike any other on the market. Uniquely designed for realistic experiences, they are available individually or in sets of four for group training. The manikins are designed to match the real-life CPR experience. In CPR training, a precise feedback indicator is vital. The Prestan's revolutionary CPR Rate Monitor provides instant feedback to both instructor and student on the correct compression depth. It enables each student to individually gauge their compression rate as well as allowing the instructor to monitor several students simultaneously. It is equipped with a unique Clicker Mechanism that gives an alert sound when the correct compression depth is reached. This helps ensure the students are using the correct force when administering CPR compression.



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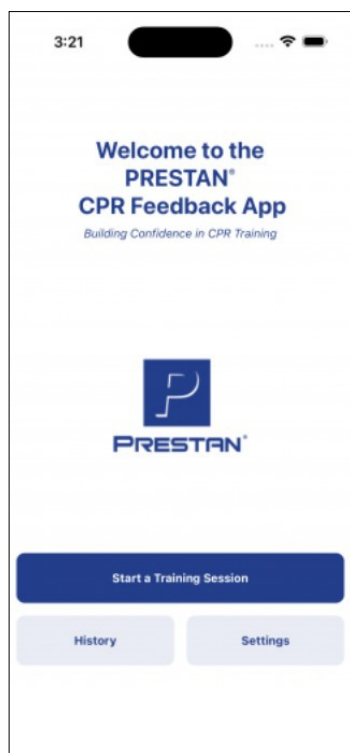
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PRESTAN Professional Adult Series 2000 Manikin

Model No. PP-AM-2000-MS

(Prestan Products, USA)

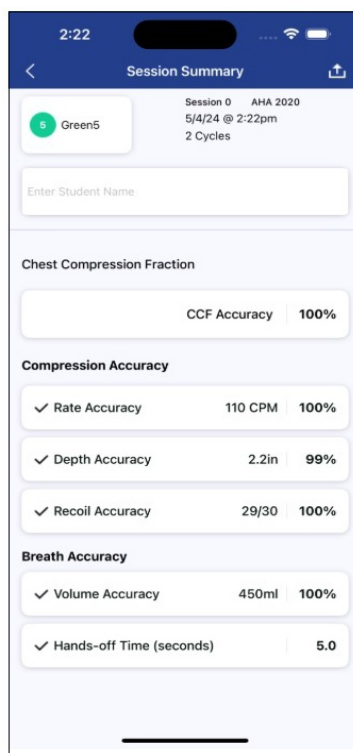


Additional Details:

The PRESTAN CPR Feedback App

Provides high quality, real time, advanced CPR feedback via a Bluetooth® connection with the *NEW & IMPROVED* PRESTAN Professional Adult Series 2000 Manikin.

Advanced CPR feedback (includes rate, depth, recoil, ventilation, hands-off time, and chest compression fraction) is monitored, easily displayed and available for reporting allowing students to self-monitor performance and gain confidence during CPR training.



The app allows instructors to provide comprehensive CPR training while monitoring CPR performance for up to six (6) students at a time and is equipped with a reporting feature that allows for CPR training results to be downloaded directly from the app.



Professional Infant Series 2000 Manikin

Model No. PP-IM-2000-1-MS wt. 6 lb

(Prestan Products, USA)

PRESTAN Professional Infant Series 2000 Manikin with Advanced CPR Feedback, Single (Medium Skin); includes Professional Infant Series 2000 Manikin, Rate / Depth Monitor with Bluetooth App Capabilities, Breath Sensor, Color ID Labels, (10) Infant Face-Shield/ Ventilation Lung-Bags, Carry Bag and Instructions.

Three-Year Warranty

Ship Weight: 6 lb.

Dimensions. (Inches): 22 x 6.5 x 9

Key Features

Languages currently supported by the PRESTAN CPR Feedback App include German, English (Intl), English (US), Spanish, French, Italian, Dutch, Russian, Korean, Arabic, Malay, Thai, Vietnamese, Belarusian, Croatia, Czech, Danish, Finnish, Greek, Hungarian, Norwegian, Polish, Portuguese, Romanian, Slovak, Slovene, Turkish, Ukrainian, and Chinese.



Professional Child Series 2000 Manikin

Model No. PP-CM-2000-1-MS wt. 6 lb

(Prestan Products, USA)

PRESTAN Professional Child Series 2000 Manikin with Advanced CPR Feedback, Single (Medium Skin); includes Professional Child Series 2000 Manikin, Rate / Depth Monitor with Bluetooth App Capabilities, Breath Sensor, Color ID Labels, (10) Child Face-Shield/ Ventilation Lung-Bags, Carry Bag and Instructions

Three-Year Warranty

Ship Weight: 6 lb.

Dimensions. (Inches): 24 x 14 x 7

Key Features

Languages currently supported by the PRESTAN CPR Feedback App include German, English (Intl), English (US), Spanish, French, Italian, Dutch, Russian, Korean, Arabic, Malay, Thai, Vietnamese, Belarusian, Croatia, Czech, Danish, Finnish, Greek, Hungarian, Norwegian, Polish, Portuguese, Romanian, Slovak, Slovene, Turkish, Ukrainian, and Chinese.

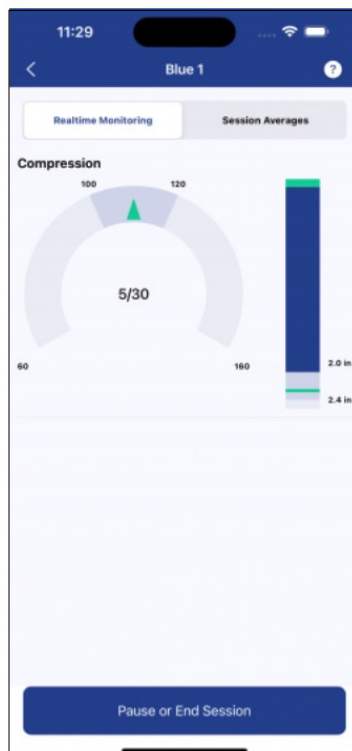
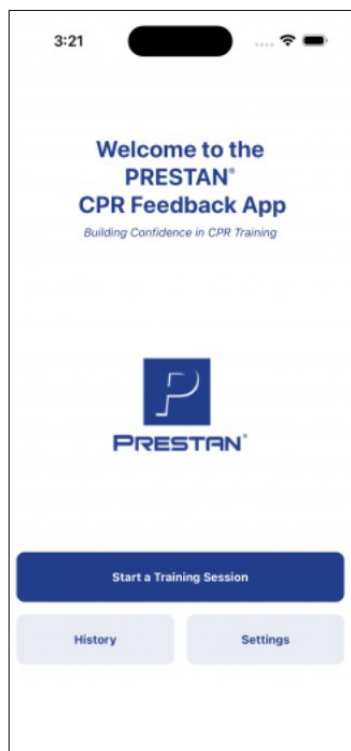




Professional Infant Series 2000 Manikin

Model No. PP-IM-2000-1-MS wt. 6 lb

(Prestan Products, USA)

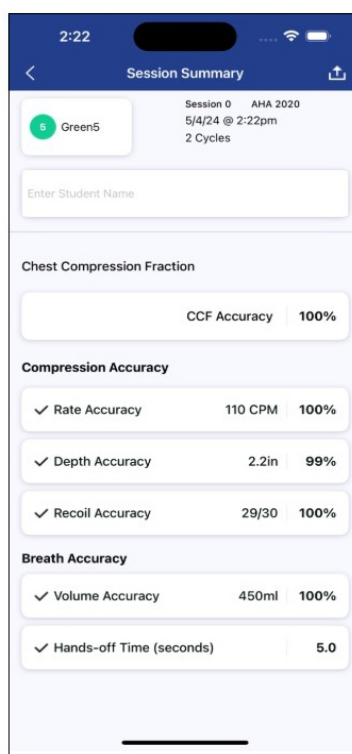


Additional Details:

The PRESTAN CPR Feedback App

Provides high quality, real time, advanced CPR feedback via a Bluetooth® connection with the *NEW & IMPROVED* PRESTAN Professional Adult Series 2000 Manikin.

Advanced CPR feedback (includes rate, depth, recoil, ventilation, hands-off time, and chest compression fraction) is monitored, easily displayed and available for reporting allowing students to self-monitor performance and gain confidence during CPR training.



The app allows instructors to provide comprehensive CPR training while monitoring CPR performance for up to six (6) students at a time and is equipped with a reporting feature that allows for CPR training results to be downloaded directly from the app.

Adult Choking Manikin

Model No. 100-1602U Sh. wt. 16 lbs.

Make : Nasco Healthcare, USA



The Adult Choking Manikin With Carry Bag functions on the principle of clearing a blocked airway with forced air generated with the proper procedure, abdominal thrusts or back blows.

Once the object is lodged in the airway, the student must use the anatomical landmarks to decide where to place their hands and to decide how much pressure is required to accomplish the maneuver. With the appropriate force applied, the students are rewarded with the visual confirmation of an expelled object.

Manikins include rib cage, xiphoid process, suprasternal notch to provide anatomical reference, foreign body for airway obstruction, shirt, and soft carry bag.

Size: 30" x 17" x 10".

Infant Choking Manikin

Model No. 100-1640U

Sh. wt. 8 lbs Make : Nasco Healthcare, USA



The Infant Choking Manikin With Carry Bag functions on the principle of clearing a blocked airway with forced air generated with the proper procedure, abdominal thrusts or back blows.

Once the object is lodged in the airway, the student must use the anatomical landmarks to decide where to place their hands and to decide how much pressure is required to accomplish the maneuver. With the appropriate force applied, the students are rewarded with the visual confirmation of an expelled object.

Manikins include rib cage, xiphoid process, suprasternal notch to provide anatomical reference, foreign body for airway obstruction, shirt, and soft carry bag.

Size: 26 in. x 8 in. x 8 in.





Blood Pressure Trainer 2.0

Model No. LF01600EX wt. 10 lbs

Make : Nasco Healthcare, USA



The Nasco Healthcare Blood Pressure Trainer 2.0 features a realistic, life-like arm, with attached Sphygmomanometer, and SmartScope 2.0 stethoscope. The Trainer replicates human conditions as closely as modern plastics, electronics, and programming will allow. This newly designed product can be programmed to various pulse rates with adjustable volume. The different Korotkoff phases can be identified and an optional auscultatory gap can be selected. Both the Arm and SmartScope devices are newly configured with USB-C charging capability. A palpable radial pulse is present in the wrist. Also included is a Dual-Head attachment compatible with the SmartScope for simultaneous trainer and trainee auscultation.

A simulator for teaching physical assessment, this Blood Pressure Simulator helps resolve the uncertainties common in teaching students to take blood pressure.

Five-year warranty

Ship Weight: 10 lbs.

Dimensions. (Inches): 23 x 4 x 4



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Female Pelvic Ultrasound Phantom

Model No. US - 10 / US - 10A/B/C/D

(Kyoto Kagaku, Japan)



Practice both transvaginal and transabdominal ultrasound procedures in one

Features : 1. Compatible with actual ultrasound probe / 2. Three types of interchangeable phantom inserts with different pathologies / 3. Realistic view of female external genitals

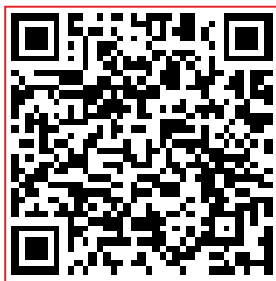
Training Skills / Applications : Handling and manipulation of transvaginal and transabdominal transducers / Interpretation of sonogram / Visualization and localization of anatomies and pathologies

Set includes : 1 lower torso manikin / 1 ultrasound pathology unit / 1 ultrasound 7weeks pregnancy unit / 1 ultrasound ectopic pregnancy unit / 1 talcum powder / 1 syringe / 1 storage case / 1 instruction manual

Size (approx.) : W34 x D33 x H24cm/W13.5 x D13.0 x H9.5in

Weight (approx.) : 7.2kg / 15.9lb

Replacement Parts : 41909-030 ultrasound pathology unit / 41909-040 ultrasound ectopic pregnancy unit / 41909-050 ultrasound first trimester pregnancy unit / 41909-060 skin for US-10 / 10A / 10B



Obstetric Examination Simulator

Model No. MW34 wt. 15 kg

(Kyoto Kagaku, Japan)



Simulate prenatal checkups using our 39 to 40 week pregnancy simulator / Palpation, auscultation, and measurement all in one simulator

Features : 1. Soft, durable and realistic senses of touch / 2. Various fetal positions and orientations by rotating the fetal unit / 3. Recorded and edited actual fetal heart sounds

Training Skills / Applications : Auscultation: Five sound variations: Stethoscope sounds / Fetal heart sounds / Doppler sounds / Fetal heart sounds / Umbilical blood flow / Umbilical blood flow with fetal heart sounds combined (posterior and anterior) / Palpation: Leopold's maneuvers, Cephalopelvic disproportion assessment / Measurements: Maternal abdominal girth, Fundal height, A variety of external pelvimetries

Set includes : 1 pregnancy torso / 1 AC adaptor / 1 remote control / 1 talcum powder / 1 towel / 1 instruction manual

Size (approx.) : W30 x D60 x H30cm / W11.8 x D23.6 x H11.8in

Weight (approx.) : 11.2kg / 24.7lb

Power source : AC100V-240V 50/ 60 Hz

Power Requirements (approx.) : 1W

Materials : Soft resin / Latex free

Replacement Parts : 11414-010 skin cover for MW34

CE certified/CE Certification? : Yes



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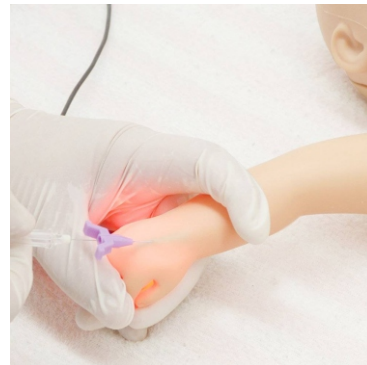
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NCPR Simulator Plus II

Model No. MW21B wt. 2.6kg
(Kyoto Kagaku, Japan)



Added functions of PICC and IVC insertion to the standard NCPR Simulator

Features : 1. Transillumination of the right hand and foot for IVC insertion /
2. Accessible veins on the right arm and leg for PICC insertion

Training Skills / Applications : In addition to NCPR Simulator, NCPR Simulator Plus trains: /
IV access with transilluminator guidance

Set includes : 1 newborn manikin / 1 lubricant / 1 instruction manual

Weight (approx.) : 2.6kg / 5.7lb

Replacement Parts : 11400-010 mask / 11400-020 chest skin / 11400-030 umbilical cord / 11400-080 abdomen / 11400-040 1 right arm skin / 11400-050 1 right leg skin / 11400-310 4 vein tubes for right arm / 11400-320 4 vein tubes for right leg / 11388-400 10 simulated blood sticks (swab type) / 11229-050 lubricant / 11400-080 abdomen



Patient Care Simulator Yaye

Model No. MW25 wt. 17 Kg
(Kyoto Kagaku, Japan)



Patient simulator for uninterrupted care in community and hospital setting
Featuring more than 40 training skills, Yaye can be used in simulations for all health care workers, including students and experienced staff

Features : Assessment of chest and abdomen / Infusion care and management / Patient varieties

Training Skills / Applications : Feeding / Hygiene / Wound care / Critical Care / Elimination / Drug Administration / Assessment / Exercise / Respiratory Care / Pain Management

Set includes : 1 manikin / 1 denture / 1 wig(black) / 1 face mask (young) / 1 injection pad (median vein) / 2 shoulder injection pads / 2 thigh injection pads / 2 hip IM pads/ 1 female genitalia (catheterization) / 1 female genitalia (suppository insertion / digital disimpaction) / 1 set of simulated suppository / 1 set of simulated feces / 1 lubricant (for airway suction etc.) / 1 lubricant (for catheterization etc.) / irrigation bag / drainage pump (urinary bladder) / drainage pump (rectum) / 1 drainage hose / 1 set of pajamas / 1 instruction manual

Height (approx.) : 152 cm / 59.8 inch

Packing size (approx.) : W176 x D53 x H35cm / W69.3 x D20.9 x H13.8in

Weight (approx.) : 17kg / 37.5lbs

Materials : Soft resin / Latex free

Replacement Parts : 11404-080 / 11251-350 / 11251-330 / 11251-320 / 11251-040 / 11251-030 / 11251-050 / 11404-050 / 11404-070 / 11404-010 / 11404-030 / 11404-020 / 11404-040 / 11404-060 / 11251-310 / 11229-050 / 11381-800



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Patient Care Simulator Cherry

Model No. MW22 wt. 18.5kg

(Kyoto Kagaku, Japan)



Basic patient care manikin for introductory nursing

Features : Able to sit in upright position Seamless limbs up to fingers and toes TPN and IV routes to simulate patients with catheter lines True-to-life articulation for patient handling

Training Skills / Applications : Body positioning / Patient handling / Passive exercise / Change of clothes / TPN care / Stoma care / PEG care / Wound care / Subcutaneous injection / IM injection / V line placement and care / Tracheostomy care and management / Perineal care / Enema (dry) / Catheterization (dry) / tube feeding

Set includes : 1 manikin / 1 denture / 1 set of injection pads (subcutaneous / gluteal / femoral IM / upper arm IM) / 1 female genitalia / 1 male genitalia / 1 wound care pad / 1 bottle / 1 syringe

Height (approx.) : 163cm / 64 inch

Packing size (approx.) : W176 x D53 x H35cm / W69.3 x D20.9 x H13.8in

Weight (approx.) : 18.5kg/40.79lbs

Materials : Soft resin / Latex free

Replacement Parts : 11401-010 insulin injection pad for MW22 (a set of 6)/11401-020 gluteal IM pads for MW22 (a set of 4)/11401-030 female genitalia unit for MW22/11401-050 shoulder IM pads for MW 22 (a pair)/11401-060 thigh IM pads for MW22/ 11401-070 wound care pad for MW22 (a pair)/11401-080 dentures (a set of upper & lower) for MW22, MW26 /11401-090 stomach for MW22/ 11388-200 median antebrachial pad



Tube Feeding Simulator (NG, OG & PEG)

Model No. MW8 (Kyoto Kagaku, Japan)



Gastric tube management simulator to learn theories and skills

Features : 1. Feeding tube insertion and confirmation of the tube placement(NG/OG)
2. Transparent structure which allows direct observation of progress/ & tube placement
Cross-section panel and chest anatomy map for theoretical

Training Skills / Applications : Nasogastric/oral gastric insertion, management and tube placement confirmation / PEG tube management / Physiological understanding / Gastric aspiration

Set includes : 1 male torso / 1 support base 1 drain tube / 1 funnel 1 plastic cup / 1 tube feeding routes panel 1 chest sheet 1 instruction manual / 1 lubricant

Size (approx.) : W65 x D37 x H23cm / W25.6 x D14.6 x H9in

Weight (approx.) : 4.4kg / 9.7lbs

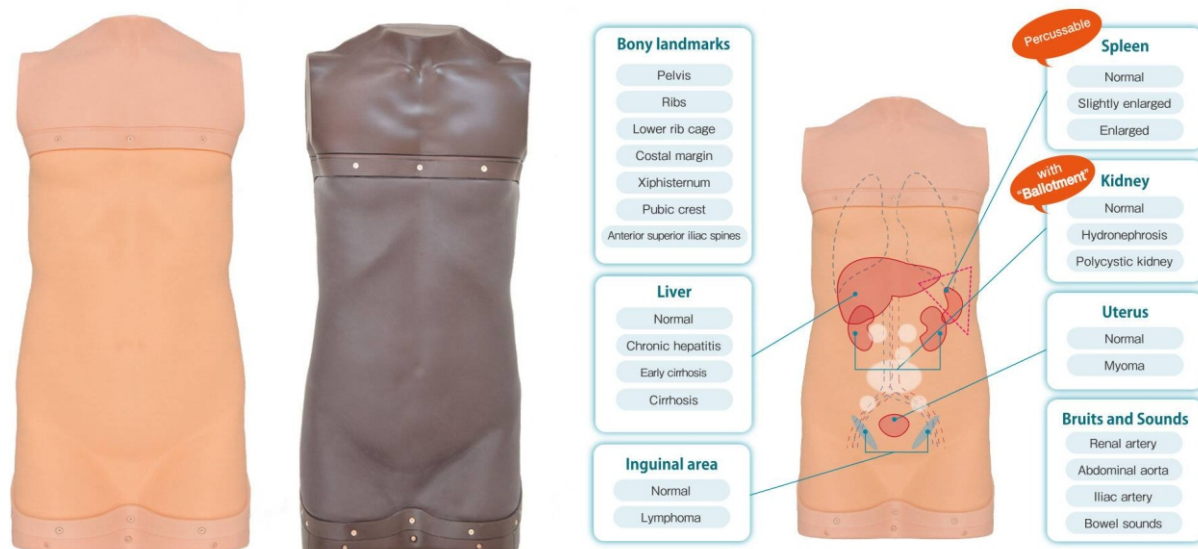
Materials : Soft resin / Latex free

Replacement Parts : 11384-030 1 face mask light tone 11384-030-D face mask dark tone
11386-000-01 drain hose 11386-000-02 tube feeding chest sheet 11392-070 band of face skin
11229-050 1 lubricant



Abdo Abby Abdominal Examination Simulator

Model No. MW43 wt. 14 kg (Kyoto Kagaku, Japan)



True-to-life representation of tactile features of abdominal organs, which are convincing enough to serve as a benchmark in cultivating the sense of touch

Features : 1. Supple, resilient and delicate textures which allow both shallow and deep palpation / 2. Interchangeable organs 3. Respiratory motion

Training Skills / Applications : Visual Inspection / Auscultation/ -renal artery / -abdominal aorta / -iliac artery / -bowel sounds / Palpation -liver, spleen, kidney, uterus and lymphoma/ Percussion -liver, spleen and rib

Set includes : 1 male torso unit / 1 talcum powder / 1 set of the respiratory motion control unit / 2 kidneys (hydronephrosis, cysts) / 2 spleens (slightly enlarged, enlarged) / 2 spleens (slightly enlarged, enlarged) / 4 livers (precirrhosis, cirrhosis, chronic hepatitis, normal) / 2 inguinal lymph nodes (normal, lymphoma) / 2 uterus (normal, fibroid) / 1 simulated stethoscope / 1 controller / 1 AC adapter / 4 storage cases / 1 instruction manual

Size (approx.) : W40 x D80 x H20cm / W15.7 x D31.5 x H7.9in

Weight (approx.) : 14kg / 30.9lbs

Materials : Soft resin / Latex free



CVC Insertion Simulator II

Model No. M93UB wt. 9 kg (Kyoto Kagaku, Japan)



Conduct a variety of CVC insertion and management simulations with the assistance of 3 interchangeable pads

Features : 1. Realistic ultrasound-guided CVC / 2. Landmark puncture pad with anatomically correct vein bifurcations simulates mechanical complications including pneumothorax, mislodging and artery puncture / 3. Transparent anatomical block for anatomical understanding and guide wire manipulation

Training Skills / Applications : Ultrasound-guided CVC / Landmark guided CVC Ultrasound-guided venous access / Prevention of mechanical complications

Set includes : 1 male upper torso manikin / 1 landmark puncture pad / 1 ultrasound puncture pad / 1 transparent anatomical block / 1 introductory ultrasound training block / 10 cotton swab for coloring (red) / 10 cotton swab for coloring (blue) / 1 air bulb / 2 plastic jars / 1 irrigation bottle / 1 syringe / 1 sample syringe / 1 sample needle

Size (approx.) : W40 x D20 x H 34cm / W15.8 x D7.9 x H 13.4in

Weight (approx.) : 2.3kg / 5lb

Materials : Soft resin / Latex free

Replacement Parts : 11347-119 2 landmark puncture pads / 11347-170 2 ultrasound puncture pads / 11347-210 2 introductory ultrasound training blocks / 11347-320 irrigation bottle/11388-400 cotton swab for coloring (red, set of 10)/ 11402-010 cotton swab for coloring(blue, set of 10)/11347-260 1 pulsation unit (for M93UB)

Notes : Ultrasound scanner and needles are not included.



Breast Self - Examination Model - Body Worn type

Model No. M71 wt. 2 kg (Kyoto Kagaku, Japan)



CBreast examination trainer for self examination

Features : 1.Six signs of breast tumors 2.An ideal tool for breast self-examination education
3.Realistic size, appearance and texture

Training Skills / Applications : Tactile breast examination/ Breast self-examination

Set includes : 1 breast model with the strap belts / 1 storage case

Size (approx.) : W28 x D21 x H8 cm/W11 x D8.2 x H3.1in

Weight (approx.) : 1.05 kg / 2.3 lb

Materials : Latex free/ Soft resin



Basic Patient Care Simulator Keiko

Model No. MW26 wt. 15 kg (Kyoto Kagaku, Japan)



Patient simulator of geriatric care for trainees including home-care nurses and caregivers

Features : 1. Basic Patient Care / 2. Medical Understanding / 3. Can sit upright without support

Training Skills / Applications : Feeding /Wound (pressure sore) Care/ Elimination / Drug Administration (suppository) / Hygiene / Assessment / Exercise / Respiratory Care / Pain Management

Set includes : 1. manikin / 1 denture / 1 wig / 1 oral cover for suctioning / 1 female genitalia / 1 male genitalia / 1 under pants / 1 wrench /1 lubricant for manikin/ 1 lubricant for catheterization / 1 instruction manual

Height (approx.) : 149 cm / 59.8 inch

Weight (approx.) : 15kg / 37.5lbs

Materials : Soft resin / Latex free

Replacement Parts : 11405-010 / 11405-020 / 11251-020 / 11229-060 / 11229-050 / 11381-800



Airway Suction Trainer

Model No. M85 (Kyoto Kagaku, Japan)



Airway suction and tracheostomy management simulator
Life-like anatomical and tactile features to further understanding temporary airway suctioning

Features : 1. Facilitate understanding of the way to insert catheter 2. Transparent cross-sectional window to monitor the catheter 3. Realistically viscous simulated sputum is included

Training Skills / Applications : Oral suctioning / Nasal suctioning / Endotracheal suctioning

Size (approx.) : W40 x D80 x H20cm / W15.7 x D31.5 x H7.9in

Set includes : 1 head and neck model with airway anatomy / 2 sample catheters / 1 simulated sputum / 1 metal tray / 1 lubricant / 1 syringe / 1 storage case / 1 instruction manual

Weight (approx.) : 14kg / 30.9lbs

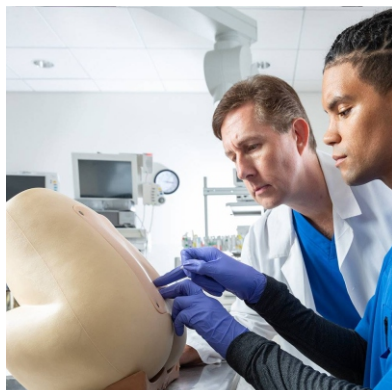
Materials : Soft resin / Latex free

Replacement Parts : 11229-020 / 11229-070 / 11229-040 / 11229-050



Lumbar Puncture Simulator IIA

Model No. M43B (Kyoto Kagaku, Japan)



World's best training simulator for lumbar puncture and epidural anesthesia / New stable supporting stand for one person and team training scenarios/ Five types of puncture blocks enhance training with different types of challenges

Features : 1. Realistic skin and tissue resistance during insertion Measure CSF fluid pressure, collect CSF fluid and practice epidural anesthesia procedures / 2. Simulates administration of epidural nerve block with realistic needle-tip sensation 3. Simulates loss of resistance technique

Training Skills / Applications : Palpation of landmarks / Lumbar puncture / CSF collection / CSF pressure measurement / Epidural anesthesia / Anatomical understanding

Set includes : 1 lumbar region model / 6 lumbar puncture blocks: 2 normal CSF, 1 obesity CSF, 1 senior CSF, 1 senior obesity CSF, 1 epidural / 1 lumbar region skin cover / 1 supporting stand/ 1 support base for team teaching / 1 lumbar spine model / 1 irrigation bag / 1 syringe / 1 stand for irrigation bag / 1 instruction manual / 1 storage case

Size (approx.) : W33 x D21 x H30 cm / W13 x D8.3 x H11.8 in

Materials : Soft resin, hard resin / Latex free

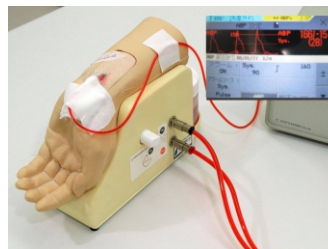
Replacement Parts : 11348-090 1 LP block (normal CSF)/ 11348-110 1 LP block (obesity CSF)/ 11348-120 1 LP block (senior CSF)/ 11348-130 1 LP block (senior obesity CSF)/ 11348-140 1 epidural block/ 11348-150 1 lumbar region skin cover light tone/11348-150-D 1 lumbar region skin cover dark tone /11348-160 supporting stand (two ways)

Optional parts : 11348-190 ultrasound lumbar puncture-epidural block / 11348-230 ultrasound lumbar region skin cover for M43E



Arterial Puncture Training Wrist

Model No. M99 wt. 1.5kg (Kyoto Kagaku, Japan)



An essential simulator to increase confidence and competence / Arterial blood sampling and cannulation is a common yet delicate procedure. With the innovative design of the arterial puncture simulator, a true-to-life experience can be simulated to ensure correct techniques and boost proficiency

Features : 1. Palpable arterial pulse / 2. Realistic resistance of tissue and artery wall felt with the injection needle / 3. Natural flashback.

Training Skills / Applications : Radial arterial puncture / Artery blood sampling / Radial line placement

Set includes : 1 wrist and hand model / 1 circulation pump / 2 sets of puncture skins (inner and outer skin) / 4 artery tubes / 1 silicon tape / 1 jar of coloring powder (red) / 1 spoon / 2 plastic jars / 2 connection tubes / 1 vinyl sheet / 1 syringe / 1 storage case / 1 instruction manual

Size (approx.) : W20 x D9 x H16cm, W7.9 x D3.5 x 6.3in (manikin size) W20 x D16 x H13cm, W7.9 x D6.3 x H5.1in (pump size)

Weight (approx.) : 1.5kg / 3.3lb

Power source : AC100-240V 50/60Hz

Power requirements (approx.) : 8W

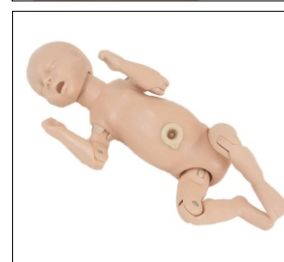
Replacement Parts : 11351-010 1 replacement skin set / 11351-030 4 replacement silicon tape / 11351-040 4 replacement artery tube / 11266-080 1 jar of coloring powder





Obstetric Training Simulator - Complete Set

Model No. MW40 wt. 11.2kg (Kyoto Kagaku, Japan)



Comprehensive maternal body set for skills training in vaginal examinations during labor and delivery

Features : 1. The external genitalia is made of innovative material that excels in elasticity durability resilience for effective and repetitive training./ 2. Cervical examination: 5 types of cervical dilation models and fetal descent positions can be interchanged with a single action. / 3. Delivery assistance: Smooth and realistic delivery.

Training Skills / Applications : Cervical examination / Delivery assistance / Perineorrhaphy (perineal repair)

Set includes : 1 maternal body / 1 genitalia unit (for pelvic examination and delivery assistance) / 1 talcum powder / 1 lubricant (500ml)/1towel / 1 instruction manual Parts for pelvic examination:

1 vaginal unit / 1 set of cervical dilation inserts (5 variations) / 1 holder for the cervical dilation inserts / Parts for Delivery Assistance: 1 fetus / 1 placenta / 3 umbilical cords for omphalotomy / 1 tray / 5 velamen sheets Parts for Perineorrhaphy: 1 genitalia unit (for perineorrhaphy)

Size (approx.) : W74 x D44 x H33.5cm/W29.1 x D17.3 x H13.2in

Weight (approx.) : 11.2kg / 24.7lb

Replacement Parts : 111415-010 1 set of cervical dilation inserts (5 variations) / 11415-040 1 lubricant (500 ml) / 11415-030 1 genitalia unit (for pelvic examination and delivery assistance) / 11415-030 1 genitalia unit / 11416-020 1 placenta / 11416-040 5 velamen sheets / 11416-030 10 umbilical cords for omphalotomy / 11417-020 genitalia unit for MW36/37/40/48 (perineorrhaphy)



Adult Airway Management Trainer

Model No. : 101-501 Sh. wt. 16.546 kg.

Make: Nasco Healcare, USA.



- The Adult Airway Management Trainer provides a clear picture of human anatomy from the sculpted alveolar sac, bronchial tree, and blood vessel structures of the cross-sectioned and exposed flexible lungs, to the interior main bronchus and oral/ nasal pharyngeal spaces.
- Combine these details with an airway complicated by breakout teeth, tongue edema, and laryngospasm, and this airway trainer rates hard.
- An anatomical stomach that swells with esophageal intubation, or excessive pressure with the BVM during rescue breathing, together with the vomiting capability of this manikin makes this an exceptional educational tool for multitasking.
- Includes instructions for use, hard carry case, and lubricant.
- Dimensions. (Inches): 32 x 25 x 12

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Be Ready VR Nursing

Model No. MVR-N010 wt. 2.3 kg (5.07 lbs.)

Make: Nasco Healthcare, USA.



MVR-Nursing is a virtual simulator designed to train nurses in professional skills by immersing them in clinical practice scenarios with a wide variety of virtual patients. Safely perform assessments, administer treatments, and practice team management without harm to live patients across emergency/ICU, pediatric, and medical environments.

The program also allows users to customize medications and scenarios while evaluating performance against standard assessment systems and protocols.

Product includes: VR headset, controllers, carry case and lifetime software license.

KEY FEATURES:

- Lifetime license
- Automatic updates
- Haptic feedback
- Patient interaction with dialogue
- Unique teleportation feature
- Minimum space required (4 sq. ft.)
- Over 50 interactive items
- Optimized setup, load and response time

EFFECTIVE PRACTICE OF:

CPR, airway management, defibrillation, ECG, medication administration, and more.

Dimensions: 36 cm L x 22 cm W x 13.5 cm H

Ship weight: 2.3 kg (5.07 lbs.)

EXERCISE EXTREME CAUTION, CARE WHEN ATTEMPTING TO PURCHASE "REAL BONES"

1. In India, it is a Criminal offence for students and individuals buy or sell Human Skeletal remains for whatever reasons. Medical Students in the past have been arrested and convicted for purchasing human skeletal remains from grave diggers and black market traders
2. Creating a demand for Human Skeletal remains encourages Grave Digging and Theft, snatching half burnt corpses from Crematoria, Murder of homeless persons specially children and persons from economically weak sections of society all these constituting grave criminal offences and also violating the religious and cultural sanctity of different faiths and are chargeable under several sections of the IPC
3. Current practices of obtaining skeletal remains from villages in India from decomposed bodies do not adequately address risks arising out of diseases like Hepatitis C, AIDS, Tuberculosis and diseases from other bacterial and pathogenic routes, Such work is highly unregulated, outside the bounds of law, unhygienic, and surreptitious
4. Trade in Real Bones is banned in India. Real bones can only be reclaimed by Medical Colleges for in house training in Education from unclaimed bodies meant to be disposed off under Court Directed Orders and procurement from Authorized Licensed Dealers specifically authorized for this purposes
5. Real Bones are 100 times costlier than artificial bones and hence encourages theft, kidnaping, murder, skullduggery fraud and committing multiple crimes.

Move with the times adopt "Change" in Learning and Teaching Methodologies TUNE IN TO MODERN DEVELOPMENTS, USE ARTIFICIAL BONES

6. 3D Printing technology prints patient-useable skins parts for burns and surgery, Bones follow
7. 3D Printers produce high resolution, high quality bones unheard of during 1980s and 1990s.
8. Computerized Data facilitates providing wide variations in Osteological specimens
9. Smart Molding processes capture over 99% surface details of any real specimen
10. High resolution CT Scans render incredibly detailed images and physical reconstruction individual bone.
11. Artificial Bones extensively used over 90% for practice for expertise in Orthopedic Surgeries
12. Artificial Bones are cast form Original Human Bones
13. Each Artificial Bone is a unique original cast of natural bone with realistic weight feel and appearance
14. Each Bone represents the finest anatomical structure with realistic texture color and porous characteristics of real human bones
15. Ortho Bones used extensively to develop Basic Skills in Surgical Methods and correct handling of Implants, for Endoprosthesis
16. Orthobones help optimize skills in your quest for specialization in fractures to Arms Legs, Maxofacial Surgery, or Pelvic Implants

SELECT YOUR BONES FROM THE VAST CORNUCOPIA OF BONES FROM: SEM TRAINERS & SYSTEMS



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Planning a Clinical Skills Lab? Follow these Guidelines.

Start a Skills Lab only with Simple Task Trainers "One step at a Time" and never with a High End SMART Manikin Basic Skills Trainers are the Foundations for any Clinical Skills Training

1. Very low investment costs and negligible support systems required
2. Easy to maintain. No hidden costs. Low Maintenance & Operating Costs
3. Future infrastructural outlays for CSL evolve with experiential exposures
4. Can be positioned in "In-Situ" and "On Demand Ready to use" State and Portable
5. Efficiencies of training in skills very high and available on demand for repeated trainings
6. Various shortcomings in your lab can be addressed with experiential exposures
7. Culture of interacting with Manikins can effectively develop Medical, Social, and Managerial Emotional Skills for effective diagnosis and treatment capabilities.
8. Inadvertent Damage very low. No worry at all about Obsolescence
9. Even Single trainee can train on each simulator. Groups not necessary as in Smart manikins
10. Cost effective review of mistakes and errors Possible. Fresher can immediately handle Basic Manikins
11. Do not require Electrical/Battery Power. Consequential damage, hazards not possible
12. Annual Budgeting constraints make it easier to fit in and procure basic Manikins of your choice
13. Once Basic Skills are mastered on Procedural Task Trainers. Student groups can learn to create "Scenarios" for higher level learning and move on to Multiskills high-end Manikins

**For Best Advice Guidance Assistance on consolidated Plans for
Selection of Models-Charts-Manikins-Simulators,
for CLINICAL SKILLS LABORATORIES**

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PLANNING A SMART MANIKIN?

A: Definitely, never at the first stage

Require MINIMUM AWARENESS-SKILLS before handling Smart Manikins Smart Interactive features NOT suitable for BASIC "hands on" Training Individual Tasks can never be effectively trained on such Manikins Delivery of Training Efficiency (Hands on Training) can be very low (5-8%) Features are suitable for Diagnostic - Evaluation - Treatment Training Protocols Suitable for Teamwork Dynamic Training in Diagnostics - Evaluation - Treatments

B: Points to Remember When you buy a Smart Manikin

- Never buy a Smart Manikin as a Status Symbol
- Ensure you have correct appropriate infrastructure (dedicated room, high end power supply, dedicated computation server, efficient lighting and ventilation fire extinguishers facilities and alarm systems)
- A Smart Manikin is not just a "Multiple Discrete Task Trainer" A Smart Manikin provides a Multiplier Effect resulting in an exponential increase in "Diagnostics and Clinical Skills" for trainees
- You require a dedicated full time Expert in Simulation Methodologies for efficient utility of the Simulator
- Very High Initial Investments anything from Rs 70 Lakhs to Rs. 500 Lakhs
- High Hidden recurring expenses to keep system functioning Rs. 4 Lakhs Annual
- Utility can be very low in absence of established culture of using Manikins Costs of accidental Collateral damage to Smart Manikins can be prohibitive A Smart Manikin can quickly become a WHITE ELEPHANT- A DEAD INVESTMENT Because of very limited usage, high idle time costs, low training deliveries
- As a "Dead Investment" COUNTER PRODUCTIVE to Learning and Teaching
- As a "Dead Investment" can generate a NEGATIVE Image for Learning-Training on Manikins and Simulators

**For Expertise Guidance
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Remember

When you buy from SEM TRAINERS & SYSTEMS

You Do Not Buy Just "A Product"

YOU BUY

Guaranteed New

Manikins Simulators from Reputed USA/Europe/Japanese Brands

Best Cost

Manikins Simulators at the lowest Prices

Latest

Knowledge-Technology Resources in Medical Simulation

Expertise

in Simulation Based Medical Education Methodologies

Expertise

in Scenario Based Training Methodologies

Expertise

in Design Guidelines Clinical Skills Laboratories

Expertise

in Post Sales Workshops-Installation-Demos-Training -Repairs

The ONE and ONLY Company in India giving you ALL Manufacturers Simulators under One roof

We Guarantee you

No Fake Labeling (Using Cheap manikins)

We Guarantee you

No second hand refurbished manikins supplied as "NEW"

We Guarantee you

We do not entice you with large discounts (60%) and then Sell refurbished second hand repaired Reputed Brands

We Guarantee you

Original Manikins -Labels-Cartons-Manuals of Original Manufacturers

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RISKS FACTORS WHEN USING CHEAP MANIKINS

Solvents using VOCs include a variety of chemicals that may include Toluene, Xylene, Formaldehyde, Methylene Chloride, Ethyl Acetate hundreds of times cheaper are, Toxic, Carcinogenic, Mutagenic, Teratogenic Materials and are highly inflammable.

Heavy Metal Pigments Antimony Cadmium Lead etc. hundreds of times cheaper but downright Neurotoxic used for surface finishes, texturizing and as Fillers on Models and Manikins

Power Sources, Batteries employed in manikins can rapidly overheat and explode

Inadequate Inefficient manufacturing processes result in release of white powders in bones, chipping off edges fine processes, disintegration of fiberglass based models, bad surface finish, rough textures, low image, finish poor distorted images of models

HEALTH AND MEDICAL SAFETY SERIOUSLY COMPROMISED

- Handling such models Can cause
- Reduction in IQ (Intelligence Quotient)
- Shorten Concentration Attention Spans Cause ADHD
- Cause Neurological Problems
- Affect Hemoglobin Levels in Blood
- Hemotoxicity Anemia
- Increase Hyperactivity
- Cause Learning Perception Disabilities

LEARNING-TEACHING AND EXAMINATION EVALUATION RISKS YOU WILL LEARN WRONG CONCEPTS IN ANATOMY

**You cannot use such Models Manikins to conduct medical examinations
Once you learn wrong concepts, it is difficult to unlearn and re-learn again**

**THEREFORE YOU SHOULD ALWAYS BUY PRODUCTS OF
REPUTED & RENOWNED MANUFACTURERS
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ALEX



ALEX



AXEL

ALEX is a cloud-connected patient simulator that includes a 5-year software subscription, which becomes functional after purchase.

Following the initial 5 years, ALEX's computerized functionality requires an annual paid software subscription.

- Speech recognition with artificial intelligence (AI) voice responses
- Scenario-driven, instructor-controlled
- Model-driven physiology with pharmaceutical treatment simulations*
- Virtual AED/Pacing and 12 lead ECG
- Digital patient and TeamSpace*
- 5-year warranty

AXEL is a cloud-connected patient simulator. Its computerized functionality requires a software subscription, which is included for the lifetime of the product.

- Scenario-driven, instructor-controlled
- Facilitate patient learner communication via internal microphone and speakers in real-time
- Lifetime software service license
- Model-driven physiology with pharmaceutical treatment simulations
- Virtual AED/Pacing and 12 lead ECG
- 5-year warranty

BOTH are ideal untethered/stand-alone simulators to train nurses, medical students and

patient care personnel anywhere (no control center required) to:

- Build critical thinking, decision-making & priority-setting skills
- Perform patient physical assessment
- Evaluate vitals and waveforms with simulated patient monitor
- Create automated performance assessment of learning objectives
- Maintain treatment plan with customizable labs and medical orders
- Practice procedures such as I.V. administration, catheterization and airway management
- Assess advanced life support performance with CPR Metrics
- Live stream and/or record patient perspective during simulated events

DANi Teen & Young Adult Advanced Training Solution

Evolving from our full body KERi™ manikin, DANi is an advanced training solution designed to support training on the fundamentals of nursing and EMS procedures for issues relating to drug abuse, sexual assault, mental health, or self-harm.

DANi accurately reproduces scenarios and challenging dynamics for learners to administer critical care for this important patient demographic.

A realistic, hands-on learning experience ideally suited for classroom, in-situ, or hospital instruction.

Each version is affordable and durable with upgradable items.

Adult Advanced Patient Care Trainer

General patient care, patient positioning, bandaging and wound dressing, oxygen administration, injection site and sexual assault, drug use and self-harm identification.

Adult Advanced Patient Skills Trainer

Respiratory support, injection/IV with IM pads, intubation, CPR with quality performance metrics, non-invasive blood pressure, enema administration (female), catheterization, vaginal, pelvic and prostate examinations.

Adult Advanced Patient Simulator

Comprehensive and complete simulation platform including patient monitoring capability and auscultation (heart and lung sounds).



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DART Sim Complete, ACLS & PALS



139

Take your DART ECG Simulator to the next level of realism. Add a Windows Tablet to the DART Bag giving DART Sim the look and feel of a real defibrillator / monitor. The DART Bag includes everything you need to run a dynamic ACLS and PALS training simulation.

Weight: 8 lbs.

Dimensions: 14 x 9 x 8 in.

Includes:

- DART Sim software license for Windows or Mac
- Adult and pediatric defib pads
- Adult and pediatric blood pressure cuffs
- Adult and pediatric SPO2 probe sensors
- 3 Lead ECG cable
- EtCO2 airway sensor
- Tablet NOT included

This bag is compatible with an iPad, iPad® Air, and Pro 11 inch. DOES NOT FIT iPad® Pro 12 inch. Compatible with Windows tablets no wider than 10 inches long.

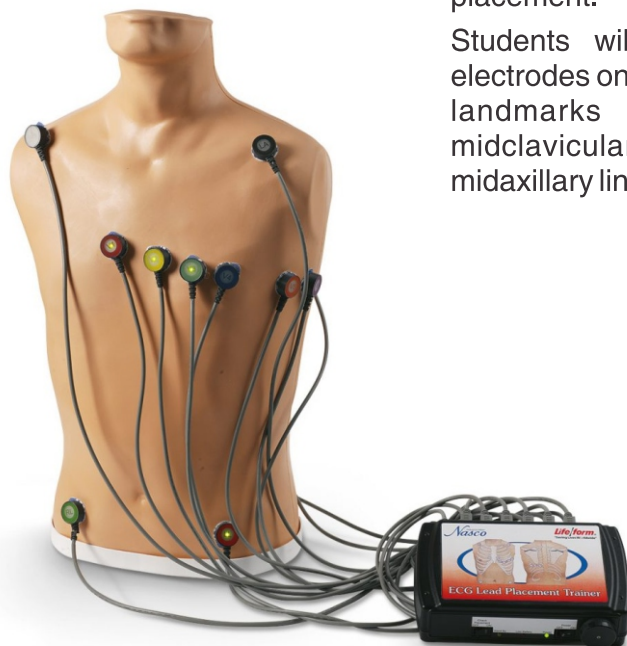


Life/form® 15-Lead ECG Placement Trainer



The Life/form® 15-Lead ECG Placement Trainer teaches up to 15-lead ECG electrode placement anatomically and provides visual feedback on the accuracy of electrode placement.

Students will learn the placement of the electrodes on the adult trainer using anatomical landmarks such as intercostal spaces, midclavicular line, anterior axillary line, midaxillary line, and scapula.



Features connection sites for four limb leads and V1 through V9, with the ability to attach right- or left-sided electrodes. The trainer does not provide ECG output signals, but simulations of rhythms and hands-free defibrillation can be performed by adding any ECG arrhythmia simulator directly to your ECG monitor.

Includes adult torso, 15-lead electronics box, power adapter, set of 13 leads, 50 electrodes, two "C" batteries, hard carry case, and instruction manual.

Five-Year Warranty.

Ship Weight: 24 lbs.

Dimensions. (Inches): 28 x 18 x 11



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Nursing Clinical Lab

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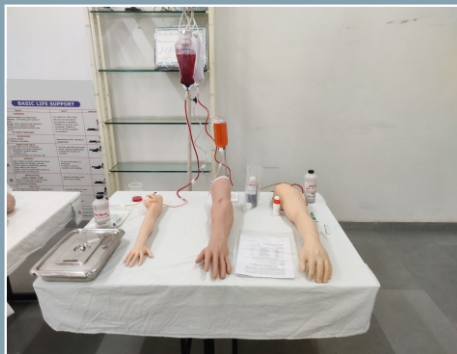
AHA 100 Years Celebration

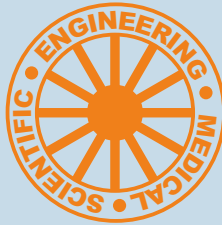


Inauguration Of Skill Lab



LAB SETUP





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SEM - Scientific Educative Methods in Science, Engineering & Medicine

**Our Presence
and Supplies
In India**



WHERE TIME MOVES AHEAD TO KEEP PACE WITH
KNOWLEDGE




PAN India presence
in almost every state.

Thank You

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