With over 25 years’ experience, Limbs & Things have a vision for the enablement of healthcare practitioners, allowing them to become more competent and confident professionals through deliberate practice. The resulting aim is to improve patient outcomes and reduce rates of medical error.

At the very heart of the healthcare system is nursing and this range of products reflects a number of the core simulation training needs required for undergraduate nursing in the UK today.
The Tube Feeding Simulator offers effective training for carers and nurses who work with patients receiving enteral tube nutrition. The manikin offers three routes for EN tubes and allows training with real liquid foods. The placement of the tubes can be confirmed by auscultation as well as direct observation*.

The model is supplied with a feeding routes panel and a chest anatomy overlay sheet to facilitate anatomical understanding.

*National Patient Safety Agency alerts ref: NPSA/2012/RRR01

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**Skills Gained**
- Nasogastric (NG) and Orogastric (OG) tube insertion
- Percutaneous Endoscopic Gastrostomy (PEG)
- Gastric lavage
- Administration of liquid food

**Product Qualities**
- Transparent chest overlay enables direct observation of procedures
- Can be set at Fowler’s position
- Flexible neck allows for appropriate neck/ head positioning
- Tube placement can be confirmed by fluid aspiration
- Stomach accepts up to 300cc of liquid
- Compact and portable

**You’ll Receive**
- 1 Male torso & support base
- 1 Drain tube
- 1 Funnel
- 1 Plastic cup
- 1 Tube feeding routes panel
- 1 Chest sheet
- 1 Instruction manual
- 1 Carry case

Packed weight (kg) & dimensions (mm) 9 kg 720 l 430 w 310 h
The new Patient Care Simulator is a basic full body manikin for training day to day patient care.

Designed for introductory nursing, life-like materials plus the ability to sit upright without support make this manikin ideal for realistic learning.

Essential Skills Cluster Group:
- Care, compassion & communication
- Organisational aspects of care
- Infection prevention & control
- Nutrition & fluid management
- Medicines management

Standards for pre-registration nursing (NMC) 2010
Skills Gained

- Body positioning/patient handling/passive exercise
- Bed bathing and change of clothes
- Oral and denture care
- Nasogastric tube placement
- Oxygen/Nasal cannula placement
- Tracheotomy care and management
- Stomach pumping
- TPN care
- PEG care
- Stoma care
- Pressure ulcer care
- Subcutaneous injection
- Intramuscular injection
- IV insertion and care
- Male and female urinary catheterisation
- Enema
- Suppository insertion
- Perineal care

Product Qualities

- Seamless arms and legs enable realistic bed and foot bathing
- True-to-life joint articulation for patient handling and passive exercise
- Nasal and oral catheter can be inserted into the stomach
- TPN and IV routes to simulate patients with catheter lines
- Pressure sores of different depths located at the scapula, greater trochanter, sacral bone and heel
- Subcutaneous and intramuscular injection pads accept liquid and can be squeezed out after use.
- Easily interchangeable male and female genitalia
- Manikin can sit upright without support
- Removable dentures

Recommended equipment:
- Intranasal and intraoral catheter size: 12Fr
- Tracheotomy catheter size: ID8mm, OD11mm
- PEG Care: CV catheter size: 4Fr x 60cm;
  PEG catheter size: 20Fr x 34mm
- Male catheterization: Nelaton catheter 13Fr
  Balloon catheter 16Fr
- PICC opening 2mm in depth
- Skin washable with soap and water

You’ll Receive

- 1 Cherry patient care manikin
- 1 Male genitalia
- 1 Female genitalia
- 1 Femoral IM injection pad
- 1 Upper arm IM injection pad
- 1 Wound care pad
- 1 Bottle
- 1 Syringe

Packed weight (kg) & dimensions (mm) 18.5 kg 1130 l 590 w 320 h

Consumables

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<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>KK11401-010</td>
<td>Insulin Injection Pads (x6)</td>
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<td>KK11401-020</td>
<td>Gluteal IM pads (x4)</td>
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<td>KK11401-030</td>
<td>Female Genitalia Unit</td>
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<td>KK11401-040</td>
<td>Male Genitalia Unit</td>
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<td>KK11388-200</td>
<td>Injection Pads for Median Antebrachial Vein (x2)</td>
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<td>KK11401-050</td>
<td>Shoulder IM Pads (x2)</td>
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<tr>
<td>KK11401-060</td>
<td>Thigh IM Pads (x2)</td>
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<tr>
<td>KK11401-070</td>
<td>Wound Care Pad</td>
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</table>
Freddie Fistula™

Skills Trainer

Product No: VTA0230

This realistic skills trainer facilitates the instruction and practice in the management of open abdominal wounds with active fistulas.

Skills Gained

- Competency & confidence in stoma identification
- Identifying the source of effluent flow
- Management of drainage
- Employment of wound dressing materials and techniques (including negative pressure wound therapy)

Product Qualities

- Soft abdomen with open wound and exposed intestines
- 3 fistulas
  - 1 central stomatized fistula (easily observable)
  - 1 non-stomatized fistula
  - 1 hidden fistula (not readily observable)
- Skin fold creases

For Dark skin:
- Suspected DTI
- Blood blister
- Stage I pressure ulcer

For Light skin:
- Suspected DTI
- Stage I pressure ulcer
- Stage II blister intact
- Stage II pressure ulcer
- Stage III pressure ulcer with undermining, tunnelling, granulation tissue, subcutaneous fat, eschar and slough

‘Pat’ Pressure Ulcer Staging Model™

Product No: VTA0980

A compact, comprehensive model with realistic pressure ulcers to aid in the identification and assessment of wounds.

Skills Gained

- Wound identification and assessment
- Routine cleansing
- Dressing techniques

Product Qualities

- DTIs have “mushy/boggy” feel when palpated
- Routine cleansing & dressing changes can be taught & practised on all wounds
- Washable with soap and water
Skills Gained

- Wound assessment (classification & staging)
- Wound cleansing
- Dressing techniques
- Measurement of wound length, depth, undermining and tunnelling
- Negative pressure wound therapy

Based on a 74 year old patient, this model aids in the identification and assessment of wounds. Once the different aetiologies are understood, it can be used to discuss and devise treatment plans.

Skills Gained

- Wound assessment
- Routine cleansing
- Dressing techniques

Based on an 80-year old patient for a true-to-life appearance, the model offers 20 conditions which allow for the identification and staging of wounds and their probable causes.

Product Qualities

- Unique flexible life-like material permits the placement of dressings
- For use with negative pressure wound therapy devices (without adhesive residue)
- Washable with soap and water

Displays the following conditions:
- Stage I pressure ulcer
- Stage II blister intact
- Stage III pressure ulcer with undermining, tunnelling, subcutaneous fat, eschar and slough
- Stage IV deep ulcer with exposed bone, undermining, tunnelling, subcutaneous fat, eschar and slough
- Suspected DTI, unstageable, and a 5 1/2” dehisced wound

Product Qualities

- DTI on top of foot with “mushy/boggy” feel when palpated
- Flexible material allows toes to be moved
- Washable with soap and water

Displays the following conditions:
- Pressure Ulcer
  - Stage I on the medial malleolus
  - Stage II on the lateral foot (behind the 5th toe)
  - Stage III on the heel with infection
  - 2 x Stage IV: on the lateral malleolus with exposed tendon and bone & on the medial foot (behind the big toe) with exposed tendon and slough
- Suspected DTI
- Neuropathic ulcer
- Callus, Gangrene, Maceration
- Amputation, Corn, Fungal thickened toenails
- Blisters, Hammer toes, Skin stapled wound
- Ingrown toenail, Unstageable eschar on lateral foot
- Partial thickness wounds between toes
The Advanced Female Catheterisation Trainer allows the trainee to learn urethral and supra-pubic catheterisation, as well as how to demonstrate self-catheterisation to patients (using the optional Self Catheterisation Stand). It has accurate female urethral anatomy that is realistically soft and compliant. The feel of the catheter passing along the urethra into the bladder corresponds closely to real life.

**Skills Gained**

- Correct handling of female anatomy
- Aseptic catheterisation technique
- Catheter placement: accepts catheters from 12-16 French
- Fluid management
- Withdrawal of catheter
- Intermittent Self-Catheterisation (ISC) when used with the optional Self-Catheterisation Stand
- Suprapubic catheter insertion and catheter management using Suprapubic Bung

**Product Qualities**

- Supple urethra and resistant sphincter providing realistic response
- 1 lt fluid bag on stand provides pressurised fluid flow
- Syringe supplied with water-based lubricant to simulate proprietary local anaesthetic gel
- Non-drip valve
- Reusable double-sleeve catheter packaging is supplied for teaching aseptic catheter handling
- Contains latex

**You’ll Receive**

- 60156 1 Female Catheterisation Unit
- 60158 1 Suprapubic Bung
- 60161 1 Standard Bung
- 50185 1 Antifungal Agent (250ml)
- 60160 2 Aseptic Catheterisation Sleeves
- 50183 1 Mock LA Gel with Syringe
  - 1 Pelvic shell
  - 1 Drip tray, bag stand
  - 1 Litre fluid bag & plastic kidney dish
  - 1 12 French foley catheter (female)
  - 1 2 Litre jug
  - 1 Carry case

**Packed weight (kg) & dimensions (mm)**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Length</th>
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<tr>
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<td>600</td>
<td>450</td>
<td>900</td>
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</table>

**Suprapubic Catheterisation Management Bung**

**Product No: 60168**

Set of 2 pre-ported bungs.
Injection Trainer

**Product No:** 00310

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**Skills Gained**

- Subcutaneous injection
- Intradermal and intramuscular injection
- Management of tissue
- Professional-to-patient communication

**Product Qualities**

- Tissues are soft and warm to the touch
- Epidermis layer peels back to quickly release subcuticular liquid
- Strap for hybrid simulation
- Latex free
- Durable replaceable epidermis

**You’ll Receive**

- 00311 1 Skin Pad & Muscle Block
- 00320 1 Epidermis for Injection Trainer (x2)
- 1 Strap-on base plate
- 1 Soft tissue tray with liner

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Blood Pressure Assessment Simulator

**Product No:** BT-CEAB2

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**Skills Gained**

- Cuff placement
- Systolic and diastolic blood pressure reading
- Auscultation of Korotkoff sounds
- Palpation of radial and brachial artery pulse
- Depressurisation
- Manual pressurisation

**Product Qualities**

- Training mode has a range of pre-programmed scenarios to facilitate independent practice
- Evaluation mode allows the assessor to control the systolic BP, diastolic BP, heart rate and auscultatory gap
- Student capability is scored according to the accuracy of the values they record.

**You’ll Receive**

- 1 Adult arm manikin (left arm)
- 1 Sphygmomanometer (adult cuff, manometer, spuit, t-connector, tube)
- 1 Storage case

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**Packed weight (kg) & dimensions (mm)**

**Injection Trainer**

<table>
<thead>
<tr>
<th><strong>Packed weight</strong></th>
<th><strong>Dimensions</strong></th>
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<tbody>
<tr>
<td>600 g</td>
<td>210 l</td>
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**Blood Pressure Assessment Simulator**

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<th><strong>Dimensions</strong></th>
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<tbody>
<tr>
<td>6.0 kg</td>
<td>750 l</td>
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</table>
The Advanced Venepuncture Arm features a closed blood flow system rather than the Bag and Stand supply, allowing easy adjustment of the pressure and contains 4 veins types.

**Advanced Venepuncture Arm**

**Product No:** 00290 Light  00298 Brown  00296 Black

You’ll Receive
- 00292 1 AV Arm Vein
- 00295 1 AV Vein Module
- 00020 1 Concentrated Venous Blood - Starter Pack
- 00335 1 Venepuncture Arm Infusion Tube
- 00302 1 Venepuncture Arm Rest
- 00303 1 Refill Bottle
- 00337 1 Pressurised Venepuncture Arm Mock Blood Supply
- 1 Venepuncture arm skin
- 3 Packs water-based lubricant
- 1 Arm shell

Product Qualities
- Realistic blood flashback
- Arm allows for digital pressure to stem blood flow
- Infusion Tube allows for volume IV fluids to be administered

Skills Gained
- Venepuncture
- IV Infusion
- IV Cannulation
- Professional-to-patient communication

**Bag & Stand Advanced Venepuncture Arm**

**Product No:** 00440 Light  00441 Brown  00442 Black

You’ll Receive
- 00292 1 AV Arm Vein
- 00295 1 AV Vein Module
- 00336 1 Bag & Stand Venepuncture Arm Mock Blood Supply
- 00020 1 Concentrated Venous Blood - Starter Pack
- 00335 1 Venepuncture Arm Infusion Tube
- 00302 1 Venepuncture Arm Rest
- 1 Venepuncture arm skin
- 3 Packs water-based lubricant
- 1 Arm shell

Product Qualities
- Skin is durable
- Veins last for up to 500 insertions of 21g needle
- Blood has been reformulated to improve leak resistance of veins (concentrated liquid to save you money and storage space)
- Can be used with vacuum blood collection systems, needle and syringe and IV cannulas
- Can be used for hybrid simulation and for professional-to-patient communication when using the optional Venepuncture Arm Harness
- Contains latex
- Veins are easy to replace
- Easy to clean, service and maintain

You’ll Receive
- 00292 1 AV Arm Vein
- 00295 1 AV Vein Module
- 00020 1 Concentrated Venous Blood - Starter Pack
- 00335 1 Venepuncture Arm Infusion Tube
- 00302 1 Venepuncture Arm Rest
- 1 Venepuncture arm skin
- 3 Packs water-based lubricant
- 1 Arm shell

Packed weight (kg) & dimensions (mm) 4.25 kg 1010 l 190 w 290 h

Packed weight (kg) & dimensions (mm) 6.1 kg 1010 l 190 w 290 h
This anatomically correct soft tissue strap-on pad can be used to train in venepuncture and represents the antecubital fossa of the right arm.

**Skills Gained**
- Professional-to-patient communication
- Recognition of the vein pattern through palpation
- Insertion of a needle
- Insertion of cannula
- Management of blood flow

**Product Qualities**
- Ideal for professional-to-patient communication and scenario based training using Simulated Patient
- Tough backing plate to prevent needlestick injuries
- Strap onto the antecubital fossa of the arm
- Veins are: self-sealing for repeated use, re-chargeable via a one-way valve, supplied with mock blood under pressure, and replaceable
- The pad can be connected to the Mock Blood Giving Set (60651) to simulate blood flow. Only for use with Mock Blood - Venous (250ml) (00223)
- Contains latex
- Replaceable epidermis is washable using soap and water when Limbs & Things mock blood is used

**You’ll Receive**
- 00180 1 Vein for ACF Pad
- 00170 1 Epidermis for ACF Pad
- 1 Pad base with strap

**Packed weight (g) & dimensions (mm)**
- 140 g
- 140 l
- 100 w
- 60 h

This soft tissue strap-on pad features 3 different sized straight veins, including one paediatric size.

**Skills Gained**
- Professional-to-patient communication
- Insertion of a needle
- Insertion of cannula
- Management of blood flow

**Product Qualities**
- Straps onto the arm or back of the hand
- Veins are:
  - Self-sealing for repeated use
  - Replaceable
  - Rechargeable via a one-way valve
  - Supplied with mock blood under pressure
- The pad can be connected to the Mock Blood Giving Set (60651) to simulate blood flow. Only for use with Mock Blood - Venous (250ml) (00223)
- Tough backing plate to prevent needle stick injuries
- Contains latex
- Replaceable epidermis is washable using soap and water when Limbs & Things mock blood is used

**You’ll Receive**
- 00213 1 Vein for Three Vein Pad
- 00200 1 Epidermis for Three Vein Pad
- 1 Pad base with strap

**Packed weight (g) & dimensions (mm)**
- 220 g
- 150 l
- 115 w
- 60 h
<table>
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<tr>
<th>Product No</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>KKMW8</strong></td>
<td>Tube Feeding Simulator</td>
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<tr>
<td><strong>KKMW22</strong></td>
<td>Patient Care Simulator “Cherry”</td>
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<tr>
<td><strong>VTA0230</strong></td>
<td>Freddie Fistula™ Skills Trainer</td>
</tr>
<tr>
<td><strong>VTA0980</strong></td>
<td>‘Pat’ Pressure Ulcer Staging Model™</td>
</tr>
<tr>
<td><strong>VTA0910</strong></td>
<td>Seymour II Wound Care Model™</td>
</tr>
<tr>
<td><strong>VTA0950</strong></td>
<td>‘Wilma’ Wound Foot™</td>
</tr>
<tr>
<td><strong>60155</strong></td>
<td>Advanced Female Catheterisation Trainer</td>
</tr>
<tr>
<td><strong>60168</strong></td>
<td>Suprapubic Catheterisation Management Bung</td>
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<tr>
<td><strong>00310</strong></td>
<td>Injection Trainer</td>
</tr>
<tr>
<td><strong>BT-CEAB2</strong></td>
<td>Blood Pressure Assessment Simulator</td>
</tr>
<tr>
<td><strong>00290</strong> Light</td>
<td>Advanced Venepuncture Arm</td>
</tr>
<tr>
<td><strong>00298</strong> Brown</td>
<td></td>
</tr>
<tr>
<td><strong>00296</strong> Black</td>
<td></td>
</tr>
<tr>
<td><strong>00440</strong> Light</td>
<td>Bag Stand &amp; Advanced Venepuncture Arm</td>
</tr>
<tr>
<td><strong>00441</strong> Brown</td>
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<td><strong>00442</strong> Black</td>
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<td><strong>00140</strong></td>
<td>ACF Pad - Venepuncture</td>
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<tr>
<td><strong>00161</strong></td>
<td>Three Vein Pad - Venepuncture</td>
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**Essential Skills Cluster Group:**
- Nutrition & fluid management
- Standards for pre-registration nursing (NMC) 2010

**Essential Skills Cluster Group:**
- Care, compassion & communication
- Organisational aspects of care
- Infection prevention & control
- Nutrition & fluid management
- Medicines management
- Standards for pre-registration nursing (NMC) 2010

**Essential Skills Cluster Group:**
- Infection prevention & control
- Standards for pre-registration nursing (NMC) 2010

**Essential Skills Cluster Group:**
- Organisational aspects of care
- Standards for pre-registration nursing (NMC) 2010

**Essential Skills Cluster Group:**
- 8.11 Blood sampling
- Standards for Infusion Therapy (RCN)

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**To find out more or receive a brochure or demo:**

Limbs & Things Ltd. Sussex Street, St Philips, Bristol, BS2 0RA, UK

T: 00 44 (0)117 311 0900  E: sales@limbsandthings.com

limbsandthings.com

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