Nurse Training Range

Learning has never been more lifelike

limbsandthings.com
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 nursing in the US and Canada today.
Advanced Catheterization Trainer Complete Set

Skills Gained

- Correct handling of male and female anatomy
- Aseptic catheterization technique
- Catheter placement: accepts catheters from 14-16 French (male) and 12-16 French (female)
- Fluid management
- Withdrawal of catheter
- Intermittent Self-Catheterization (ISC) when used with the optional Self-Catheterization Stand
- Suprapubic catheter insertion and catheter management using Suprapubic Bung

Product Qualities

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

You’ll Receive

- 60156 1 Female Catheterization Unit
- 60152 1 Male Catheterization Unit
- 60154 1 Catheterization Foreskin (x3)
- 60158 1 Suprapubic Bung (x2)
- 60161 2 Standard Bung
- 50185 1 Antifungal Agent (250ml)
- 60160 2 Aseptic Catheterization Sleeves
- 50183 1 Mock LA Gel with Syringe
- 60159 1 Male Catheterization Sphincter Kit
  - 1 Drip tray with bag stand & 1 liter fluid bag
  - 1 14 French foley catheter (male)
  - 1 12 French foley catheter (female)
  - 1 Pelvic shell
  - 1 2 Liter jug

Suprapubic Catheterization Management Bung

Product No: 60168

Set of 2 pre-ported bungs.
The Advanced Venipuncture 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.

**Skills Gained**
- Venipuncture
- IV Cannulation
- IV Infusion
- Professional-to-patient communication

**Product Qualities**
- Soft, flexible skin
- Underlying palpable veins: 
  - Cephalic, basilic, dorsal metacarpal and median cubital
- Realistic blood flashback
- Arm allows for digital pressure to stem blood flow
- Infusion Tube allows for volume IV fluids to be administered

**You’ll Receive**
- 00292 1 AV Arm Vein
- 00295 1 AV Vein Module
- 00290 Light  00298 Brown  00296 Black
- 00020 1 Concentrated Venous Blood - Starter Pack
- 00335 1 Venipuncture Arm Infusion Tube
- 00302 1 Venipuncture Arm Rest
- 00303 1 Refill Bottle
- 00337 1 Pressurized Venipuncture Arm Mock Blood Supply
- 1 Venipuncture arm skin
- 3 Packs water-based lubricant
- 1 Arm shell

This product combines the more complex vein structure of the Advanced Venipuncture Arm with the Bag and Stand Mock Blood Supply.

**Skills Gained**
- Change infusion tubing
- Apply and change intravenous dressing
- Initiate blood therapy

**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 Venipuncture 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
- 00440 Light  00441 Brown  00442 Black
- 00020 1 Concentrated Venous Blood - Starter Pack
- 00336 1 Bag & Stand Venipuncture Arm Mock Blood Supply
- 00335 1 Venipuncture Arm Infusion Tube
- 00302 1 Venipuncture Arm Rest
- 1 Venipuncture arm skin
- 3 Packs water-based lubricant
- 1 Arm shell
This anatomically correct soft tissue strap-on pad can be used to train in venipuncture 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 Patients
- Tough backing plate to prevent needlestick injuries
- Strap onto the antecubital fossa of the arm
- Veins are: self-sealing for repeated use, rechargeable 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

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

**Skills Gained**
- Professional-to-patient communication
- Insertion of a needle
- Insertion of cannula
- Management of blood flow
- Lumen sizes of veins (1 of each): 1mm, 4mm, 6mm

**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)
- 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
**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
- Durable replaceable epidermis
- Latex free

**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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**Injection Trainer  Product No: 00310**

Our soft tissue injection pad is designed for practicing intradermal, subcutaneous and intramuscular tissue injection techniques. The Injection Trainer has multiple tissue layers representing the epidermis, dermis, fat and muscle layer, and can easily attach to an arm or thigh to help teach professional-to-patient communication.

**Skills Gained**

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

- Epidermis, dermis, fat and muscle

**Product Qualities**

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

**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**

This trainer can be used to teach, practice and assess measurement of blood pressure and pulse rate. It comes with a touch screen tablet offering real-time display of cuff pressure change and decompression rates.

**Skills Gained**

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

**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 mannequin (left arm)
- 1 Sphygmomanometer (adult cuff, manometer, spuit, t-connector, tube)
- 1 Storage case
- 1 Tablet (10.1") with software for training and evaluation
- 1 Mount for arm
- 1 Power adapter
- 1 Battery holder
Examination & Diagnostic Breast Trainer  Product No: 40044

Skills Gained
• Recognized clinical breast examination technique
• Diagnosis of pathologies: carcinoma, fibroadenoma
• Aspiration of a cyst
• Self-examination technique (SBE)

Product Qualities
– Breast skin is warm to the touch
– Responds to palpation in a lifelike way
– Variable cyst volume
– Lightweight and compact base allows for:
  – Self-examination
  – Bench top presentation
– Contains latex
– Skin surface is washable using soap and water

You’ll Receive
• 40040 1 Examination & Diagnostic Breast
• 40106 1 Breast Aspirant (50ml)
• 1 Rigid two-part plastic base

Gluteus Maximus Injection Simulator  Product No: KKM74

Skills Gained
• 3 injection methods can be practiced: Quarter-Trichotomy, Hohashtayter and Clark

Product Qualities
– The model is made from 3 separate layers representing the skin, musculature and skeleton
– The simulator is equipped with an indicator to show the accuracy of syringe positioning and depth. If the injection spot is correct, the syringe can inject liquid
– The following landmarks can be palpated: greater trochanter, superior anterior iliac spine, posterior superior iliac spine and sacrum
– The simulator can be repeatedly injected without leaving needle tracks

You’ll Receive
• 1 Main Body
• 1 Stand for Hohashtayter Method
• 1 Controller
• 1 Power AC Adapter
• 1 Set of Sensor Pads
### Patient Care Simulator “Cherry”

<table>
<thead>
<tr>
<th>Intramuscular injection</th>
<th>Subcutaneous injection</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV injection and care</td>
<td>Stoma care</td>
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<tr>
<td>Urinal catheterization</td>
<td>Oral and denture care</td>
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<td>Enema</td>
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<td>Suppository insertion</td>
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<tr>
<td>Perineal care</td>
<td>Tracheostomy care and management</td>
</tr>
<tr>
<td></td>
<td>Pressure ulcer care (scapula, sacrum, greater trochanter, heel)</td>
</tr>
</tbody>
</table>

- Bathing
- Penneal care
- Oral hygiene
- Care of dentures
- Make an occupied bed
- Treatment of pressure ulcers
- Administer rectal suppositories
- Administer subcutaneous injections
- Administer intramuscular injections
- Apply nasal cannula or oxygen mask
- Administer oxygen therapy to a patient with artificial airway
- Perform oropharyngeal suctioning
- Airway suctioning
- Perform tracheostomy care
- Inflating the cuff on tracheostomy tube
- Insert an oropharyngeal airway
- Insert and remove a nasogastric feeding tube
- Verify feeding tube placement
- Irrigate a feeding tube
- Administer enteral nutrition
- Administer an enema
- Insertion, maintenance and removal of nasogastric tube
- Pouching a colostomy
- Apply a dressing
- Obtaining wound drainage specimens
- Safe and effective transfer techniques
- Wheelchair transfer techniques
- Moving and positioning patient in bed
- Perform range of motion exercises
- Continuous passive motion machine
- Apply elastic stockings and sequential compression device
- Care of a gastrostomy tube

The new Patient Care Simulator is a basic full body mannequin for training day to day patient care.

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

- KK11401-010 Insulin Injection Pads (x6)
- KK11401-020 Gluteal IM pads (x4)
- KK11401-030 Female Genitalia Unit
- KK11401-040 Male Genitalia Unit
- KK11388-200 Injection Pads for Median Antebrachial Vein (x2)
- KK11401-050 Shoulder IM Pads (x2)
- KK11401-060 Thigh IM Pads (x2)
- KK11401-070 Wound Care Pad
Freddie Fistula™
Skills Trainer  Product No: VTA0230

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

‘Pat’ Pressure Ulcer Staging Model™  Product No: VTA0980

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 & practiced on all wounds

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

A compact, comprehensive model with realistic pressure ulcers to aid in the identification and assessment of wounds.
Seymour II Wound Care Model™ Product No: VTA0910

Skills Gained

• Wound assessment (classification & staging)
• Wound cleansing
• Dressing techniques
• Measurement of wound length, depth, undermining and tunnelling
• Negative pressure wound therapy
• Wound irrigation
• Apply absorption dressing

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

‘Wilma’ Wound Foot™

Product No: VTA0950

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)

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

– 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

– DTI on top of foot with “mushy/boggy” feel when palpated
– Flexible material allows toes to be moved
Tube Feeding Simulator  Product No: KKMW8

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

The Tube Feeding Simulator offers effective training for carers and nurses who work with patients receiving enteral tube nutrition. The mannequin 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

Tube insertion into PEG

Administration of liquid food

Tube feeding routes panel for NG, OG & PEG. Also shows complications with airway & tracheostomy tube placement
Nickie® Medical Training Doll

Product No: HOL-WF
White Female
HOL-WM
White Male
HOL-HF
Hispanic Female
HOL-HM
Hispanic Male
HOL-BF
Black Female
HOL-BM
Black Male

Skills Gained
• Inserting and removing nasogastric tube
• Care of a gastrostomy tube
• Care of a tracheostomy tube
• Tracheostomy succioning
• Urethral catheter insertion
• Oral succioning
• PICC line care
• Changing dressing on PICC line
• Infant bathing and dressing

Nickie® is used to practice medical device training for special medical needs children.
Nurses and paramedics can use it to train school and hospital staff, as well as parents and home care providers.

Skills Gained
• Tracheostomy management
• Tracheal tube suctioning
• Gastrostomy training
• Care of a gastrostomy button
• Urethral catheter insertion
• Stoma care
• Oral succioning
• Peripherally Inserted Central Catheter (PICC) line care

Product Qualities
• Ileostomy stoma is in the lower right abdomen
• Open oral and nasal passages
• Gastrostomy device and feeding tube is included
• A tracheostomy tube is inserted and secured with a standard tracheostomy tube holder
• A PICC is positioned in the forearm and secured with a ‘Stat-Lock’
• Injection port on the left thigh
• Fluid drain in the left heel

Newborn Care Baby

Product No: KKMW21

Skills Gained
• Intramuscular injection
• Endotracheal intubation
• Insert a urinary catheter
• Airway succion
• Perform chest compressions and CPR
• Endotracheal succion
• Nasogastric and orogastric tube placement
• Nasogastric tube feeding
• IV insertion with transillumination
• Umbilical vein catheter placement and care
• Obtaining specimens from umbilical catheter
• Apply and change dressing on umbilical catheter

Product Qualities
• Injection (arm and leg) and catheterization
• Umbilical catheterization and care
• Nasogastric and orogastric tube feeding
• Soft, lifelike umbilical cord can be cut and catheterized and is easy to replace
• Non-rigid, flexible neck
• Veins can be visualized using a real LED transilluminator
• Supports 3 types of injection and catheterization training: direct vision, transilluminated and ultrasound guided PICC
• The right arm can be interchanged with an ultrasound compatible PICC arm
• Skin washable with soap and water

This anatomically accurate, life-size model of a 4 week old newborn infant is ideal for training in a range of essential care skills.
| Product Name                                      | Product No | Year in Clinical Curriculum | Year
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<thead>
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<tr>
<td>Advanced Catheterization Trainer Complete Set</td>
<td>60150</td>
<td>Y1 - Y2</td>
<td></td>
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<tr>
<td>Suprapubic Catheterization Management Bung</td>
<td>60168</td>
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<tr>
<td>Advanced Venipuncture Arm</td>
<td>00290 Light</td>
<td>Y1 - Y2</td>
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<tr>
<td></td>
<td>00298 Brown</td>
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<td>00296 Black</td>
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<tr>
<td>Bag Stand &amp; Advanced Venipuncture Arm</td>
<td>00440 Light</td>
<td>Y1 - Y2</td>
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<tr>
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<td>00441 Brown</td>
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<tr>
<td>ACF Pad - Venipuncture</td>
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<td>Three Vein Pad - Venipuncture</td>
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<tr>
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<td>Blood Pressure Assessment Simulator</td>
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<td>Examination &amp; Diagnostic Breast Trainer</td>
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<td>Gluteus Maximus Injection Simulator</td>
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<td>Patient Care Simulator “Cherry”</td>
<td>KKMW22</td>
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<tr>
<td>Product Name</td>
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<td>Features</td>
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</tbody>
</table>
| Patient Care Simulator “Cherry”                  | KKMW22 | Y1 - Y2 | • Moving and positioning patient in bed  
• Perform range of motion exercises  
• Continuous passive motion machine  
• Apply elastic stockings and sequential compression device  
• Care of a gastrostomy tube |
| Freddie Fistula™ Skills Trainer                   | VTA0230 | Y1 - Y2 | • Aseptic technique  
• Perform wound assessment  
• Wound irrigation  
• Managing wound drainage evacuation  
• Applying absorption dressing  
• Negative-pressure wound therapy  
• Obtaining wound drainage specimen  
• Apply skin barrier  
• Managing intake and output  
• Connecting pouch to bedside collector |
| ‘Pat’ Pressure Ulcer Staging Model™               | VTA0980 | Y1   | • Risk assessment, skin assessment and prevention strategies  
• Treatment of pressure ulcers  
• Staging of pressure ulcers  
• Cleansing of pressure ulcers  
• Preparing, applying, and removing dressings |
| Seymour II Wound Care Model™                      | VTA0910 | Y1   | • Risk assessment, skin assessment and prevention strategies  
• Treatment of pressure ulcers  
• Staging of pressure ulcers  
• Cleansing of pressure ulcers  
• Preparing, applying and removing dressings  
• Negative-pressure wound therapy  
• Wound irrigation  
• Apply absorption dressing |
| ‘Wilma’ Wound Foot™                               | VTA0950 |      |                                                                                             |
| Tube Feeding Simulator                            | KKMW8  | Y1   | • Insert and remove a nasogastric or nasoenteric feeding tube  
• Verify feeding tube placement  
• Administer enteral nutrition  
• Care of a gastrostomy tube  
• Insertion, maintenance and removal of a nasogastric tube for gastric decompression |
| Newborn Care Baby                                 | KKMW21 | Y2   | • Intramuscular injection  
• Endotracheal intubation  
• Insert a urinary catheter  
• Airway suction  
• Perform chest compressions and CPR  
• Endotracheal suction  
• Nasogastric and orogastric tube placement  
• Nasogastric tube feeding  
• IV insertion with transillumination  
• Umbilical vein catheter placement and care  
• Obtaining specimens from umbilical catheter  
• Apply and change dressing on umbilical catheter |
| Nickie® Medical Training Doll                     |        |      |                                                                                             |
| HOL-WF White Female                               |        |      | • Inserting and removing nasogastric tube  
• Care of a gastrostomy tube  
• Care of a tracheostomy tube  
• Tracheostomy suctioning  
• Urethral catheter insertion  
• Oral suctioning  
• PICC line care  
• Changing dressing on PICC line  
• Infant bathing and dressing |
| HOL-WM White Male                                 |        |      |                                                                                             |
| HOL-HF Hispanic Female                            |        |      |                                                                                             |
| HOL-HM Hispanic Male                              |        |      |                                                                                             |
| HOL-BF Black Female                               |        |      |                                                                                             |
| HOL-BM Black Male                                 |        |      |                                                                                             |

Reference:  
Focusing on all levels of clinical skills