Arterial Puncture Wrist

Part No: KKM99

Radial artery puncture is a common approach for blood collection and artery catheterization, and this simulator provides realistic training in this skill.

Skills
• Palpation of radial artery
• Needle insertion
• Blood collection

Features
• Arterial pulse is palpable
• Speed of pulse is variable
• Soft tissue and artery wall provide realistic needle resistance
• ‘Flash back’ can be observed
• Skin, pad and artery tube are replaceable
• Puncture sites not visible after use
• One-touch, leak free connectors
• Easy clean up

Package supplied
• 2 Skin Sets (Inner & outer) Part No: KK11351-010
• 1 Silicon Tape (Set of 4) Part No: KK11351-030
• 1 Artery Tubes (Set of 4) Part No: KK11351-040
• 1 Wrist and hand model with circulation pump
• 1 Jar of blood powder with beaker & spoon
• 2 Plastic jars
• 2 Connection tubes
• 1 Vinyl sheet
• 1 Case

Packed weight (lb) & dimensions (in)
30.9 lb 19.7 l 11.8 w 27.6 h

Product details correct at time of going to press. Subject to change.
Simulator
Intravenous Arm II Set

Part No: KKM50B

A complete set of state-of-art IV simulators for blood collection, intravenous injection and drip infusion. Puncturable models are designed to allow training in real clinical settings, with delicate needle-tip resistance and ‘flash-back’ confirmation. The modular design and easily replaceable parts reduce the total cost of ownership.

Skills
• Blood collection
• Intravenous injection
• Drip infusion

Features
Arm II
• Improved injection pad allows more repetitive training
• Three venous lines at the cubital fossa (basilic, median and cephalic) can be palpated
• Life-like touch and resistance of the injection sites allows vein palpation like a real patient
• Realistic needle-tip resistance of vein walls
• Flash back confirmation
• Allows for blood collection, injection and drip infusion

Hand
• The fingers and back of the hand are flexible and can be gripped or pulled as in real procedures
• Three puncture sites are accessible on the back of the hand
• Injection part is easily exchangeable
• Angle adjustable swivel stand supports the hand model at proper position
• Allows for blood collection, injection and drip infusion

Pediatric IV Hand
• Higher skills are required to puncture and to perform IV procedures safely in small infant hands which have thin, soft, difficult-to-find veins
• This simulator is an effective tool providing hands-on training with life-like reality
• The fingers and the back of the hand are flexible to be gripped or pulled as in real procedures
• Two puncture sites on the back of the hand are accessible
• Needle fixing procedure can be practiced

Package supplied
• 1 arm model with supporter stand
• 2 injection pad for arm model
• 1 hand model for M91 with supporter stand
• 1 one-year-old arm-hand for M95 with supporter stand
• 1 three-year-old arm-hand for M95 with supporter stand
• 1 circulation pump
• 1 jar of coloring powder (red)
• 1 set of spoon and plastic jar

Product details correct at time of going to press. Subject to change.
Standard Venipuncture Arm

**Light**  Part No: 00330  
**Brown**  Part No: 00331  
**Black**  Part No: 00332

The SV Arm is ideal for a clinical skills training environment in which large numbers of trainees are practicing this skill on a regular basis. Little technical knowledge is required for setup and maintenance, making this product perfect for students to use during self-directed learning time in a skills laboratory.

This new product is a simplified version of our successful Advanced Venipuncture Arm. It also incorporates improvements based on AV Arm customer feedback.

**Improvements**
- Skins are more durable
- Veins last longer (up to 500 insertions of 21g needle)
- Blood has been reformulated to improve leak resistance of veins. Now ships as a concentrated liquid to save you money and storage space
- Arm allows for digital pressure to stem blood flow
- Bag & Stand Mock Blood Supply allows for quick setup and refilling
- Infusion Tube allows for volume IV fluids to be administered

**Skills**
- Venipuncture
- IV Cannulation
- IV Infusion

**Features**
- Easy-to-use: technicians can quickly set up Arm while trainees can easily maintain blood level
- Veins are easy to replace
- Can be used with vacuum blood collection systems
- Realistic blood flashback
- Realistic, soft, flexible skin and underlying palpable veins
- Easy to clean, service and maintain
- Accessible veins: cephalic, basilic & dorsal metacarpal
- Can be adapted for professional-to-patient communication (role play) using the Venipuncture Arm Harness

**Package supplied**
- 1 Venipuncture Arm Skin
- 1 SV Arm Vein  Part No: 00333
- 1 SV Vein Module  Part No: 00334
- 1 Bag & Stand Venipuncture Arm Mock Blood Supply  Part No: 00336
- 1 Concentrated Venous Blood - Starter Pack  Part No: 00020
- 1 Venipuncture Arm Infusion Tube  Part No: 00335
- 1 Venipuncture Arm Rest  Part No: 00302
- 1 Water-based Lubricant  Part No: 00293
- 1 arm shell

| Packed weight (lb) & dimensions (in) | 13.5 lb | 39.7 l | 7.5 w | 11.4 h |
Accessories for both Venipuncture Arms:

**Venipuncture Arm Harness**
Part No: 00300

**Venipuncture Arm Carry Case**
Part No: 00301

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<th>Advanced</th>
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<tr>
<td>- cephalic &amp; basilic</td>
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<tr>
<td>- median cubital</td>
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<tr>
<td>- dorsal metacarpals</td>
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<td>4</td>
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<td>Digital pressure to stem blood flow</td>
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<td>Use with:</td>
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<tr>
<td>- vacuum blood collection systems</td>
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<tr>
<td>- needle &amp; syringe</td>
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<tr>
<td>- IV cannulas</td>
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<tr>
<td>Realistic blood flashback</td>
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<td>Volume IV infusion</td>
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<td>Adjustable venous pressure with Pressurized Mock Blood Supply</td>
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<tr>
<td>Hybrid simulation using the Arm Harness</td>
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**Advanced Venipuncture Arm**

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

This product provides the ideal platform for all healthcare trainees who need to practice the skills related to venipuncture and IV cannulation. Designed with realism, durability and ease of use in mind, this product addresses the fundamental needs of clinical skills tutors, trainees and technicians alike.

**Improvements**
- Skins are more durable
- Veins last longer (up to 500 insertions of 21g needle)
- Blood has been reformulated to improve leak resistance of veins
- Arm allows for digital pressure to stem blood flow
- Infusion Tube allows for volume IV fluids to be administered

**Skills**
- Venipuncture
- IV Cannulation
- IV Infusion

**Features**
- Veins are:
  - leak resistant when used at the correct pressure
  - easy to replace
- Can be used with vacuum blood collection systems
- Realistic blood flashback from pressurized fluid system
- Realistic, soft, flexible skin and underlying palpable veins
- Easy to clean, service and maintain
- Accessible veins: dorsal metacarpal, cephalic, basilic and median cubital are easy to replace
- ‘Closed’ blood flow system with no messy bottles to change
- Pressure of blood can be easily adjusted
- Can be adapted for professional-to-patient communication (role play) using Venipuncture Arm Harness

**Package supplied**
- 1 Venipuncture Arm Skin
- 1 AV Arm Vein Part No: 00292
- 1 AV Vein Module Part No: 00295
- 1 AV Mock Blood (500ml) Part No: 00294
- 1 Venipuncture Arm Infusion Tube Part No: 00335
- 1 Water-based Lubricant Part No: 00293
- 1 Venipuncture Arm Rest Part No: 00302
- 1 Refill Bottle Part No: 00303
- 1 Pressurised Venepuncture Arm Mock Blood Supply Part No: 00337
- 1 arm shell

Packed weight (lbs) & dimensions (in)
- 9.4 lb 39.7 in 7.5 in 11.4 h
ACF Pad - Venipuncture

Part No: 00140

A soft tissue strap-on pad for use in venipuncture which represents the antecubital fossa of the right arm.

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

Features
- 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
  - replaceable
- The pad can be connected to the Mock Blood Giving Set Part No: 60651 to simulate blood flow. Only use Mock Blood - Venous (250ml) Part No: 00223
- Tough backing plate to prevent needle stick injuries
- Replaceable epidermis is washable using soap and water if Limbs & Things mock blood is used

Package supplied
- 1 Vein for ACF Pad Part No: 00180
- 1 Epidermis for ACF Pad Part No: 00170
- 1 Pad base with strap

Extended ACF Pad - Venipuncture

Part No: 00211

A soft tissue pad representing the antecubital fossa of the right arm, for use in venipuncture and the introduction of cannulae.

Skills
- Recognition of the vein pattern through palpation
- Insertion of a needle
- Introduction of a cannula and use of micropore
- Management of blood flow

Features
- Designed for the introduction of cannulae up to 15cms distally and proximally
- Veins are:
  - self-sealing for repeated use
  - rechargeable through the cannula
  - filled with mock blood at ‘flash back’ pressure
- The pad can be connected to the Mock Blood Giving Set Part No: 60651 to simulate blood flow. Only use Mock Blood - Venous (250ml) Part No: 00223
- Supplied on a non-slip backing plate
- Epidermis is washable using soap and water if Limbs & Things mock blood is used
- Latex free

Package supplied
- 1 Extended ACF Pad

| Packed weight (lbs) & dimensions (in) | 0.5 lb | 16.5 l | 3.9 w | 0.8 h |
Three Vein Pad - Venipuncture

Part No: 00161

A soft tissue strap-on pad featuring 3 straight veins, one of which is pediatric size.

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

Features
- Strap onto the arm or back of the hand
- Lumen sizes of veins (1 of each): 1mm, 4mm, 6mm
  - Veins are:
    - self-sealing for repeated use
    - rechargeable via a one-way valve
    - supplied with mock blood under pressure
    - replaceable
- The pad can be connected to the Mock Blood Giving Set
  Part No: 60651 to simulate blood flow. Only use Mock Blood - Venous (250ml)
  Part No: 00223
- Tough backing plate to prevent needle stick injuries
- Replaceable epidermis is washable using soap and water if Limbs & Things mock blood is used

Package supplied
- 1 Vein for Three Vein Pad Part No: 00213
- 1 Epidermis for Three Vein Pad Part No: 00200
- 1 Pad base with strap

Mock Blood Giving Set

Part No: 60651

A 1 liter blood bag with luer lock connector tube and stand. For Limbs & Things products requiring a mock blood supply.

Features
- Fluid flow shut-off clamp
- To be used with:
  - Mock Blood - Venous (250ml) Part No: 00223
  - Mock Blood - Arterial (250ml) Part No: 60653
- Luer lock tube adapter for attaching to the following Limbs & Things products:
  - ACF Pad
  - Three Vein Pad
  - SFJ Ligation Technique Trainer
  - Arterial Procedures Kit
  - Vermiform Appendix
  - Gall Bladders

Package supplied
- 1 Mock Blood Bag
  Part No: 60652
- 1 Metal stand with base
- 1 Luer lock tube adapter

Mock Blood - Venous

Part No: 00223

250ml of synthetic solution made to the correct color and viscosity of venous blood.

Package supplied
- 1 250ml bottle

Mock Blood - Arterial

Part No: 60653

250ml of synthetic solution made to the correct color and viscosity of arterial blood.

Package supplied
- 1 250ml bottle
Cutdown Pad

Part No: 00280

A multi-layered pad containing filled veins used for practicing the cutdown procedure.

**Skills**
- Palpation to locate vein position
- Incising tissue layers
- Inserting a cannula
- Vein injection both distally and proximally
- Tying off veins

**Features**
- Layers simulate the epidermis and subdermal layers
- Three straight veins (each 150mm long) filled with mock blood
- The pad can be connected to the [Mock Blood Giving Set](#) Part No: 60651 to simulate blood flow. Only use [Mock Blood - Venous (250ml)](#) Part No: 00223
- Latex free

**Package supplied**
- 1 Cutdown Pad

**Note**
It is recommended that the vein is tied off each time, so that the next trainee can continue to use that vein, and it remains fluid filled.

<table>
<thead>
<tr>
<th>Packed weight (lbs) &amp; dimensions (in)</th>
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<tbody>
<tr>
<td>0.2 lbs</td>
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<tr>
<td>0.4 lbs</td>
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<tr>
<td>5.9 in w</td>
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<tr>
<td>9.8 in h</td>
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