

Jamshidi® bone marrow biopsy products and Safe-T™ PLUS trays





# Jamshidi bone marrow biopsy products

Setting the standard for more than 40 years.

The Jamshidi name has been synonymous with proven reliability and superior results in bone marrow biopsy products for more than 40 years. From our best-selling original Jamshidi needle to the advanced technology of the T-handle Jamshidi needle and marrow acquisition cradle, Jamshidi products offer the dependability and advanced features that make them a first choice in bone marrow biopsy needles and trays.

## Safe-T PLUS trays

Compliance you require. Performance you demand.

Safe-T PLUS trays featuring T-handle Jamshidi needles were created by CareFusion to help meet your safety and compliance needs for bone marrow biopsy procedures. The Safe-T PLUS trays are designed to help you comply with today's safety recommendations and requirements, allowing you to focus on the care of your patients.

## Table of contents

Safety components .....2

### T-handle needles

T-handle Jamshidi needles.....4  
Jamshidi marrow acquisition cradle .....5  
T-handle Illinois sternal/iliac bone marrow aspiration needles .....5  
Safe-T PLUS trays with T-handle Jamshidi  
bone marrow biopsy/aspiration needles .....6  
T-handle Jamshidi bone marrow biopsy/aspiration trays .....7

### Original needles

Original Jamshidi bone marrow biopsy/aspiration needles .....8  
Illinois sternal/iliac bone marrow/aspiration needles .....9  
Original Jamshidi bone marrow biopsy/aspiration trays.....10

Tray component overviews ..... 11

# Safe-T PLUS trays. Compliance you require.

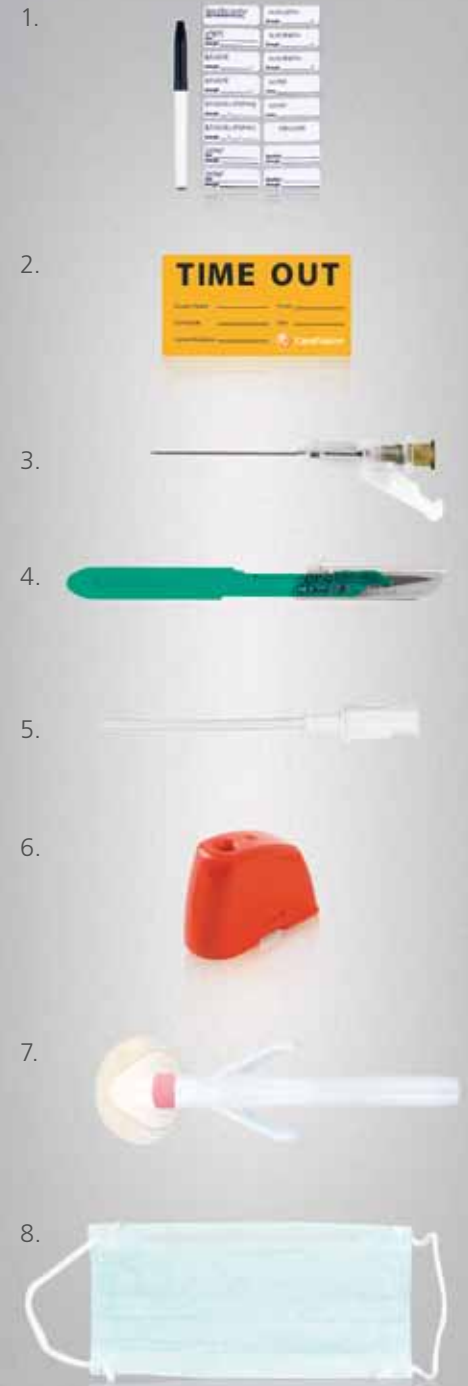
Safe-T PLUS trays assist with compliance for preventable medical error reduction, sharps safety and infection prevention.

Healthcare organization	Recommendation	Safe-T PLUS tray solution
<b>Preventable medical error reduction</b>		
The Joint Commission	<p><b>2006 National Patient Safety Goals</b> Label all medications, medication containers or other solutions on and off the sterile field.<sup>1</sup></p> <p><b>2003 National Patient Safety Goals</b> Universal protocol to prevent wrong site procedure or surgery, including "Time Out" immediately before starting any surgical or invasive procedure, to conduct a final verification process to confirm the correct patient, procedure and site using active not passive communication techniques.<sup>2</sup></p>	<p>Medication labels and fine tip marker</p> <p>Time out label</p>
<b>Sharps safety</b>		
Centers for Disease Control & Prevention (CDC)	<b>The CDC estimates</b> that each year 385,000 needlesticks and other sharps-related injuries are sustained by hospital-based healthcare personnel; an average of 1,000 sharps injuries per day. <sup>3</sup>	BD SafetyGlide™ needles
National Institute for Occupational Safety and Health (NIOSH)	<b>Sharps injury prevention devices</b> should include either sharps disposal containers and needles or other devices with an integrated engineered sharps injury prevention feature. <sup>4</sup>	BD Bard Parker™ Protection disposable scalpel
Occupational Safety and Health Administration (OSHA)	<b>2001 revision of Bloodborne Pathogens &amp; Needlestick Prevention standards</b> Safer needle devices that reflect technology changes to eliminate or reduce exposure to bloodborne pathogens. <sup>5</sup>	Filter Straw® NeedleVISE®
International Sharps Injury Prevention Society (ISIPS)	<b>Promote services and products that encompass the entire universe of safety products from modified sharps to alternative products that actually eliminate the sharp.</b> <sup>6</sup>	
<b>Infection prevention</b>		
Centers for Disease Control & Prevention (CDC)	<b>The CDC recognized</b> that "In the United States, povidone iodine has been the most widely used antiseptic for cleansing arterial catheter and CVC-insertion sites. However, in one study, preparation of central venous and arterial sites with a 2% aqueous chlorhexidine gluconate lowered BSI rates compared with site preparation with 10% povidone-iodine or 70% alcohol." <sup>7</sup>	ChloroPrep® 3mL applicator (Hi-Lite Orange® tint)
Institute for Healthcare Improvement (IHI)	<b>Protecting 5 Million Lives From Harm</b> One goal of this campaign is to help prevent CRBSIs through implementing a set of five interventions known as the "Central Line Bundle." One of these is chlorhexidine skin antiseptics. <sup>8</sup>	
	Another intervention recommended by IHI is maximal barrier precautions. <sup>7</sup>	Facial protection
Centers for Disease Control & Prevention (CDC)	<b>The CDC now recommends maximum sterile barrier precautions</b> , including use of cap, mask, sterile gown, sterile gloves and large sterile drape during the insertion of CVCs. These substantially reduce the incidence of CRBSI. <sup>9</sup>	

## Performance you demand.

To meet your needs for bone marrow biopsy procedures, CareFusion offers Safe-T *PLUS* trays featuring T-handle Jamshidi needles. The trays are designed to help you comply with safety requirements and recommendations and feature these safety components:

1. **Medication labels and fine tip marker** can be used on syringes, medication cups or basins to identify medications being used on the sterile field. The waterproof label helps eliminate concerns if there is a spill on the sterile field.
2. **Time out label** is designed to prompt the user to verify the *Correct Patient, Correct Site and Correct Procedure*. Since this label is also a sticker, it allows the user to place a completed label in the patient chart for good record keeping practices.
3. **BD SafetyGlide needle** with BD Activation-Assist™ technology allows for fast and easy, single-handed needle shielding. It can help prevent needlestick injuries by allowing easy and secure shielding of the needle tip immediately after injection.
4. **BD Bard-Parker protected disposable scalpel** with quality stainless-steel blades and safety engineering delivers performance without compromise to technique. They are designed with the handling and feel that clinicians prefer, with simple one-handed activation and protection before and after use. In addition, they help your facility comply with OSHA and federal safety legislation.
5. **Filter Straw particulate matter filter** allows the user to access medication contained in an ampoule while filtering out glass particles that may have entered during opening.
6. **NeedleVISE sharps securing device** is designed to lock onto and contain a single contaminated needle. Used with instruments such as spinal, bone marrow or biopsy needles for which integrated sharps injury protection technology is not feasible.
7. **ChloroPrep solution** is a *rapid-acting, broad spectrum and persistent patient preoperative skin preparation* in a single-use sterile applicator. ChloroPrep solution combines 2% chlorhexidine gluconate (CHG) and 70% isopropyl alcohol (IPA) in a patented applicator that helps reduce the risk of surgical site infection. Hi-Lite Orange tint provides visual marker of prepped site.
8. **Facial protection** with a comfortable, easy to don, one-size-fits-all mask. Allows the user to exercise barrier precautions during a procedure.



## T-handle Jamshidi needles

The streamlined, ergonomic design and super sharp tip of the T-handle Jamshidi bone marrow biopsy/aspiration needle make it a top choice for comfort and superior cortical penetration.

### Comfortable handle

The two-piece T-handle design is procedurally efficient, simple to use and fits comfortably in your hand. The two-piece T-handle is also designed to provide tactile feedback and increased control during needle insertion.

### Superior cortical penetration

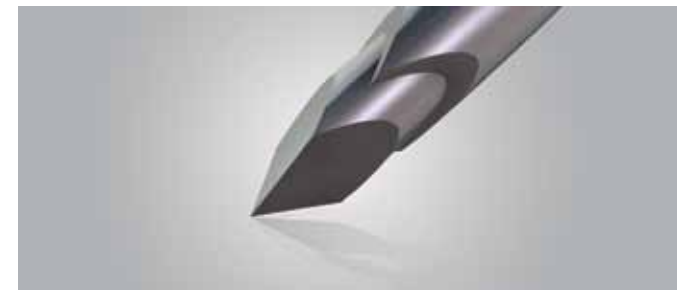
The T-handle Jamshidi bone marrow biopsy needle features a trocar-tapered stylet point and a triple-crown cannula tip. These features provide a sharp, effective cutting edge for superior cortical penetration and medullary advancement that requires 25% less physical force. Available with or without the marrow acquisition cradle, the T-handle Jamshidi needle allows clinicians to tailor the device to individual patient needs.



T-handle Jamshidi needle only	
Cat. no.	Needle size
TJC3513	13G x 3½"
TJC4011	11G x 4"
TJC6011	11G x 6"
TJC4008	8G x 4"
TJC6008	8G x 6"

T-handle Jamshidi needle and marrow acquisition cradle	
Cat. no.	Needle size
TJM3513	13G x 3½"
TJM4011	11G x 4"
TJM6011	11G x 6"
TJM4008	8G x 4"

Needles are packaged sterile with a probe and probe guide. 10 per case.



The triple crown cannula tip creates a super-sharp cutting edge.

## Jamshidi marrow acquisition cradle

This innovative retention device fits inside the T-handle Jamshidi needle to capture and retrieve quality samples easily and accurately. The cradle is designed to:

- Permit multiple sampling capability
- Provide greater patient comfort
- Eliminate painful redirect
- Improve specimen retention
- Facilitate sample size verification

The distal tip of the Jamshidi marrow acquisition cradle features a unique surface finish to further enhance specimen retention. A lightweight ejector rod is provided to facilitate sample size verification.

The marrow acquisition cradle also helps ensure user safety by eliminating the need to remove the sample directly from the needle through the sharp distal tip, which poses a potential needlestick hazard.

## T-handle Illinois sternal/Iliac bone marrow aspiration needles

T-handle Illinois aspiration needle and removable depth stop.



The T-handle Illinois aspiration needle features an adjustable depth stop from 1" to 3 $\frac{1}{16}$ " (26mm to 79mm) for sternal or pediatric application. For iliac crest use, simply remove the depth stop to expose the 3" aspiration cannula.



The Jamshidi marrow acquisition cradle fits inside the T-handle Jamshidi needle to capture and retrieve quality samples.

The Jamshidi marrow acquisition cradle is designed to provide reliable specimen retention.

Cat. no.	Needle size
TIN3018	18G x 3" (adjustable length 1" to 3 $\frac{1}{16}$ " [26 to 79mm])
TIN3015	15G x 3" (adjustable length 1" to 3 $\frac{1}{16}$ " [26 to 79mm])

10 needles per case.

## Safe-T PLUS trays with T-handle Jamshidi bone marrow biopsy/aspiration needles

Safe-T PLUS trays featuring Jamshidi T-handle needles offer safety, convenience and optimal procedural performance. The single-use, sterile trays include the components needed to perform bone marrow biopsy procedures plus components to help you comply with safety requirements and recommendations.

There is also a Safe-T PLUS bone marrow biopsy/aspiration tray without a needle. Pair this tray with any needle to meet your procedural needs.

*Please see the chart on page 11 for a complete list of tray components.*

Cat. no.	Description
BCT3411SP	Safe-T PLUS tray with T-handle Jamshidi needle 10cc L/S syringe with protector, 11G x 4" needle
BCAT4511SP	Safe-T PLUS tray with T-handle Jamshidi needle, T-handle Illinois needle, 11G x 4" needle, 15G Illinois needle
BCTM3411SP	Safe-T PLUS tray with T-handle Jamshidi needle and marrow acquisition cradle, 11G x 4" needle
BCAM3411SP	Safe-T PLUS tray with T-handle Jamshidi needle, T-handle Illinois needle, marrow acquisition cradle, 11G x 4" needle, 15G Illinois needle
BK1000SP	Safe-T PLUS tray with 10cc syringes, no needle

10 trays per case.



Safe-T PLUS trays include safety components plus prepping, draping, local anesthetic and procedural components in a variety of needle sizes/configurations.



## T-handle Jamshidi bone marrow biopsy/aspiration trays

Standard trays featuring Jamshidi T-handle needles offer safety, convenience and optimal procedural performance. The single-use, sterile trays include the quality components needed to perform bone marrow biopsy procedures plus sharps safety devices for needlestick protection.

*Please see the chart on page 12 for a complete list of tray components.*

Cat. no.	Description
BCT3513	Standard tray with T-handle Jamshidi needle; 10cc L/S syringe with protector, 13G x 3½" needle
BCT3411	Standard tray with T-handle Jamshidi needle; 10cc L/S syringe with protector, 11G x 4" needle
BAT3018	Standard tray with T-handle; Illinois needle, 18G x 3"
BAT3015	Standard tray with T-handle; Illinois needle, 15G x 3"
BCAT4511	Standard tray with T-handle Jamshidi needle; T-handle Illinois needle, 11G x 4" needle; 15G x 3" Illinois needle
BCAT4508	Standard tray with T-handle Jamshidi needle; T-handle Illinois needle, 8G x 4" needle; 15G x 3" Illinois needle
BCTM3411	Standard tray with T-handle Jamshidi needle; marrow acquisition cradle, 11G x 4" needle
BCAM4511	Standard tray with T-handle Jamshidi needle; T-handle Illinois needle, 11G x 4" needle; 15G x 3" Illinois needle; marrow acquisition cradle
BCAM4508	Standard tray with T-handle Jamshidi needle; T-handle Illinois needle, 8G x 4" needle; 15G x 3" Illinois needle; marrow acquisition cradle

10 trays per case.



Standard trays include prepping, draping and procedural components in a variety of needle sizes/configurations.

## Original Jamshidi bone marrow biopsy/aspiration needles

The original Jamshidi needle offers features that have made this bone marrow biopsy/aspiration needle a best seller for decades. The needles are available in a wide variety of sizes to meet user preference. All needles are packaged with an adapter to accommodate luer lock syringes.

**Lightweight handle** with built-in comfort knob enables the practitioner to apply sufficient pressure without discomfort.

**Tapered distal tip** facilitates the recovery of bone marrow samples with unaltered architecture.

**Single-use design** helps assure sterility for every procedure and helps prevent cross contamination.

**Razor-sharp bevel tip** allows easy coring of the bone.



Cat. no.	Description
DJ2013X	13G x 2"
DJ3513X	13G x 3½"
DJ4011X	11G x 4"
DJ6011X	11G x 6"
DJ4008X	8G x 4"

Needles are packaged sterile with a probe and probe guide.  
10 needles per case.



The razor-sharp cutting edge allows for easy coring of the bone.



The original Jamshidi needle retrieves high-quality samples.

# Illinois sternal/iliac bone marrow/aspiration needles

**Sharp lancet point** penetrates easily into the bone to help ensure a safe and simple aspiration of marrow from the iliac crest or sternum.

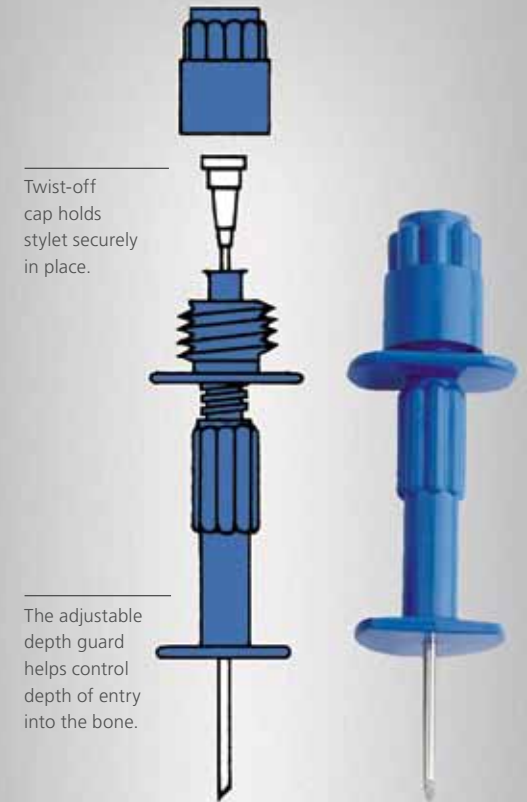
**Adjustable depth guard** provides depth control for greater patient safety.

**Twist-off cap** holds the stylet securely in place.

**Compatible with luer slip and luer lock** syringes for a secure fit and ease in aspiration.

Cat. no.	Description
DIN1518X	18G (adjustable length $\frac{9}{16}$ " to $1\frac{7}{8}$ " [14mm to 48mm])
DIN1515X	15G (adjustable length $\frac{15}{16}$ " to $1\frac{7}{8}$ " [24mm to 48mm])

10 needles per case.



## Original Jamshidi bone marrow biopsy/aspiration trays

Trays featuring original Jamshidi needles offer convenience and optimal procedural performance. The single-use, sterile trays include all of the prepping, draping, local anesthetic and procedural components needed to perform bone marrow biopsy procedures. The Jamshidi biopsy/aspiration needles and Illinois sternal/iliac aspiration needles are available in a variety of needle sizes/configurations.

*Please see the chart on page 13 for a complete list of tray components.*



Standard Jamshidi bone marrow biopsy and aspiration tray.



Economy Jamshidi bone marrow biopsy and aspiration tray.

Cat. no.	Description
BAK4511	Standard tray with 11G x 4" needle; 15G Illinois needle
BAK3411	Standard tray with 11G x 4" needle; 10cc syringe
BAK4508	Standard tray with 8G x 4" needle; 15G Illinois needle
BAK2018	Standard tray with 18G Illinois needle
BAK2015	Standard tray with 15G Illinois needle
BK1000	Standard tray with 10cc syringe; no needle included
BEK4511	Economy tray with 11G x 4" needle; 15G Illinois needle
BEK3411	Economy tray with 11G x 4" needle; 10cc syringe
BEK2015	Economy tray with 15G Illinois needle

10 trays per case.

# Component overview

Safe-T PLUS trays featuring T-handle Jamshidi needles

	<b>BCAM4511SP</b> Safe-T PLUS T-handle Jamshidi needle, T-handle Illinois needle, marrow acquisition cradle, 11G x 4" needle, 15G Illinois needle	<b>BCAT4511SP</b> Safe-T PLUS T-handle Jamshidi needle, T-handle Illinois needle, 11G x 4" needle, 15G Illinois needle	<b>BCT3411SP</b> Safe-T PLUS T-handle Jamshidi needle, T-handle Illinois needle, 11G x 4" needle, 15G Illinois needle	<b>BCTM3411SP</b> Safe-T PLUS T-handle Jamshidi needle and marrow acquisition cradle 11G x 4" needle	<b>BK1000SP</b> Safe-T PLUS tray with 10cc syringes, no needle
<b>Safety components</b>					
ChloroPrep 3mL applicator Hi-Lite Orange tint	•	•	•	•	•
BD SafetyGlide 22G x 1½"	•	•	•	•	•
BD SafetyGlide 25G x 1"	•	•	•	•	•
BD Protected disposable scalpel, #11	•	•	•	•	•
NeedleVISE needle retention safety device	2	2	•	•	2
Filter Straw	•	•	•	•	•
Medication label sheet	•	•	•	•	•
Time-out label	•	•	•	•	•
Fine tip marker	•	•	•	•	•
Needle foam stop	•	•	•	•	•
Ear loop mask	•	•	•	•	•
<b>Standard components</b>					
T-handle Jamshidi needle, 11G x 4"	•	•	•	•	
T-handle Illinois, 15G x 3" (adjustable length 1" to 3¾" [26mm to 79mm])	•	•			
Probe, 11G x 4"	•	•	•	•	
Probe guide, 11G	•	•	•	•	
Marrow acquisition cradle with protector, 11G x 4"	•			•	
Marrow acquisition cradle ejector, 11G x 4"	•			•	
T-handle stylet	•	•	•	•	
Snap cap	•	•	•	•	•
Female luer lock adapter	•	•	•	•	
Amber prelabeled specimen tube with cap, 10mL	•	•	•	•	•
Test tube container	2	2	2	2	2
Stir rod, 4¾"	•	•	•	•	•
Set of ten slides	•	•	•	•	•
Lidocaine HCL USP, 1% 5mL, ampoule	2	2	2	2	•
Luer lock syringe, 5mL	•	•	•	•	•
Luer slip syringe, 10mL			•	•	•
Luer slip syringe, 20mL	•	•	•	•	•
Gauze pads, 3" x 3" 8 ply	5	5	5	5	5
Bandage	•	•	•	•	•
Drape, 18¼" x 29½"	•	•	•	•	•
Fenestrated drape with tape	•	•	•	•	•

## Component overview

T-handle Jamshidi standard  
bone marrow biopsy/aspiration trays

Safety components	BCT3513	BCT3411	BAT3018	BAT3015	BCAT4511	BCAT4508	BCTM3411	BCAM4511	BCAM4508
Needle-Pro® safety needle, 25G x 1½"*	•	•	•	•	•	•	•	•	•
Needle-Pro safety needle, 21G x 1½"*	•	•	•	•	•	•	•	•	•
Needle-Pro safety needle, 20G x 1½"*	•	•	•	•	•	•	•	•	•
Futura safety scalpel, #11*	•	•	•	•	•	•	•	•	•
Standard components									
T-handle Jamshidi needle, 13G x 3½"	•								
T-handle Jamshidi needle, 11G x 4"		•			•		•	•	
T-handle Jamshidi needle, 8G x 4"						•			•
T-handle Illinois needle, 18G x 3" (adjustable length 1" to 3¼" [26mm to 79mm])			•						
T-handle Illinois needle, 15G x 3" (adjustable length 1" to 3¼" [26mm to 79mm])				•	•	•		•	•
Marrow acquisition cradle							•	•	•
Luer lock (L/L) syringe, 5cc without protector	•	•	•	•	•	•	•	•	•
Luer slip (L/S) syringe, 10cc with protector	•	•							
L/S syringe, 20cc with protector	•	•	•	•	•	•	•	•	•
Specimen tube with edetate (EDTA) potassium	2	2	2	2	2	2	2	2	2
Gauze sponges, 8-ply, 3"x 3"	5	5	5	5	5	5	5	5	5
PVP-I swab sticks (1% available iodine)	•	•	•	•	•	•	•	•	•
Lidocaine HCL USP, 1% 5mL, ampoule	2	2	2	2	2	2	2	2	2
Probe	3	3	3	3	3	3	3	3	3
Bandage	•	•	•	•	•	•	•	•	•
Hospital wrap	•	•	•	•	•	•	•	•	•
Stirring rod	•	•	•	•	•	•	•	•	•
Slides	•	•	•	•	•	•	•	•	•
Specimen bottle (amber) and label	2	2	2	2	2	2	2	2	2
Towel	•	•	•	•	•	•	•	•	•
Clear probe guide	•	•	•	•	•	•	•	•	•

\* Indicates sharps safety device

## Component overview

Original Jamshidi bone marrow biopsy/aspiration trays

Standard components	BAK4511	BAK3411	BAK4508	BAK2018	BAK2015	BK1000	BEK4511	BEK3411	BEK2015
Original Jamshidi needle, 11G x 4"	•	•					•	•	
Original Jamshidi needle, 8G x 4"			•						
Illinois needle, 18G (adjustable length 5/16" to 17/8" [14mm to 48mm])				•					
Illinois needle, 15G (adjustable length 15/16" to 17/8" [24mm to 48mm])	•		•		•		•		•
Syringe, 10cc		•				•		•	
Syringe, 20cc	•	•	•	•	•	•	•	•	•
Syringe with 20G x 1 1/2" needle, 5cc	•	•	•	•	•	•	•	•	•
Needle, 25G x 5/8"	•	•	•	•	•	•	•	•	•
Needle, 21G x 1 1/2"	•	•	•	•	•	•	•	•	•
Scalpel blade with handle	•	•	•	•	•	•	•	•	•
Specimen tube containing edetate (EDTA) potassium	2	2	2	2	2	2			
Frosted slides, 1" x 3"	10	10	10	10	10	10			
Specimen bottle (amber colored) and label	•	•	•	•	•	•			
Stirring rod	•	•	•	•	•	•			
Probe	•	•	•	•	•	•	•	•	•
Gauze sponges, 3" x 3"	5	5	5	5	5	5	8	8	8
PVP-I swab sticks (1% available iodine)	3	3	3	3	3	3	3	3	3
Lidocaine HCL, 1% 5mL, ampoule	2	2	2	2	2	2	2	2	2
Fenestrated drape	•	•	•	•	•	•	•	•	•
Towel	•	•	•	•	•	•	•	•	•
Elastic bandage	•	•	•	•	•	•	•	•	•
Hospital wrap	•	•	•	•	•	•	•	•	•

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For product information or to place an order,  
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