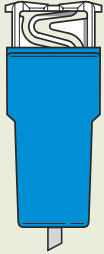
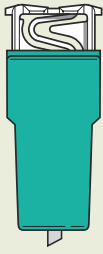
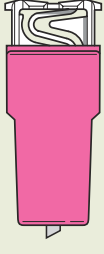
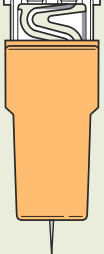
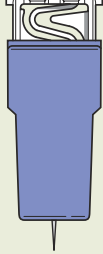


## Order of Draw

1. Blood Gases
2. Slides/Smears
3. EDTA Tubes
4. Other Additive Tubes
5. Serum Tubes

# Keys to Success

- 1 **A well-prepped patient**—Optimize by proper site warming and cleansing. (Warming the puncture site can increase blood flow by as much as seven fold.)
- 2 **Good blood flow**—Optimize by selecting the BD Genie™ Lancet that will provide the amount of blood necessary to perform the required tests.
- 3 **Fast collection and mixing**—Ensures more accurate test results. Clotting is triggered immediately upon skin puncture, and represents the greatest obstacle in collecting quality specimens, particularly whole blood specimens. (Specimen collection that takes more than two minutes will frequently result in poor quality specimens, and higher incidence of microclotting in additive tubes.)

				
<b>Blue</b> Blade Depth: 2.0mm Blade Width: 1.5mm Blood Volume: High/Medium Catalog #366582	<b>Green</b> Blade Depth: 1.5mm Blade Width: 1.5mm Blood Volume: Medium Catalog #366581	<b>Pink</b> Blade Depth: 1.0mm Blade Width: 1.5mm Blood Volume: Low Catalog #366580	<b>Orange</b> Needle Depth: 2.25mm Needle Gauge: 23g Blood Volume: Single Drop Catalog #366583	<b>Purple</b> Needle Depth: 1.25mm Needle Gauge: 28g Blood Volume: Single Drop Catalog #366579

BD Vacutainer Technical Services: 1.800.631.0174

BD Customer Service: 1.888.237.2762

[www.bd.com/vacutainer](http://www.bd.com/vacutainer)

The *Keys To Success* chart has been supplied as a service of BD Vacutainer™ Systems, Preanalytical Solutions. For additional information, please contact your local representative.

Handle all biologic samples and blood collection “sharps” (lancets, needles, luer adapters and blood collection sets) according to the policies and procedures of your facility. Obtain appropriate medical attention in the event of any exposure to biologic samples (for example, through a puncture injury) since they may transmit viral hepatitis, HIV (AIDS), or other infectious diseases. Utilize any built-in used needle protector if the blood collection device provides one. BD does not recommend recapping used needles, but the policies and procedures of your facility may differ and must always be followed. Discard any blood collection “sharps” in biohazard containers approved for their disposal.

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 Printed in USA 2/03 VS5755-1



**BD Vacutainer Systems**  
**Preanalytical Solutions**

1 Becton Drive  
 Franklin Lakes, NJ 07417

# Successful Specimen Collection: Fingersticks

Recommended Procedure With  
the BD Microcollection System



**BD**

Indispensable to  
human health



# Successful Specimen Collection: Fingersticks

Recommended Procedure With BD Microcollection System:  
The BD Genie™ Lancet and BD Microtainer™ Tube

## Instructions for Use

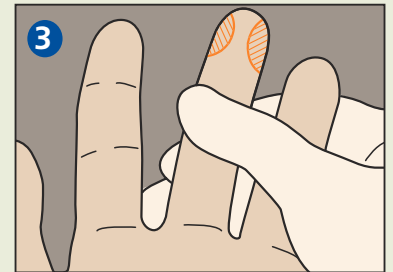
### 1 Assemble materials.

- Gloves
- Appropriate warming device
- 70% isopropyl alcohol pads
- BD Genie™ Lancets
- BD Microtainer™ Tubes

### 2 Wash hands thoroughly and put on gloves.

### 3 Select the site.

- The patient should be sitting or lying down.
- Select a collection site (middle or ring finger is preferable, as indicated in illustration 3.)



### 4 Warm the site.

- Have the patient wash his/ her hands with soap and water.
- Use a warm, moist towel or other appropriate warming device (more than 40° C /105° F) for three minutes.
- Have patient hold their hand in a downward position to help increase blood supply to the hand.



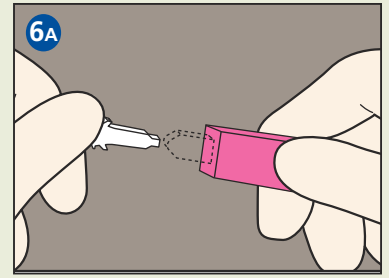
### 5 Disinfect the site; AIR DRY.

- Cleanse the puncture site using an alcohol pad. The site must be allowed to air dry to provide effective disinfection and to prevent possible hemolysis by residual alcohol.

# 6

## Perform the puncture.

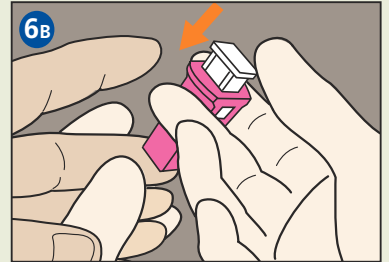
- A** After cleansing the puncture site, TWIST OR PULL OFF indicator as directed on tab and place in disposal.
- B** Position lancet firmly against puncture site, as indicated in illustration 6B. Hold lancet between fingers and place thumb on white activation button.



# 7

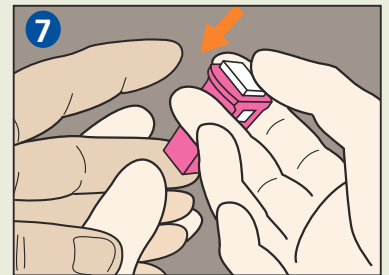
## Using your thumb,

- Press white activation button **FIRMLY** into colored housing until the audible click is heard and it locks in place. Button will lock into housing and lancet will not recoil.  
**Note:** It is important to maintain contact with the finger while depressing the white activation button. Removing the lancet from the puncture site before the process is complete can result in an inadequate puncture and low blood flow.



# 8

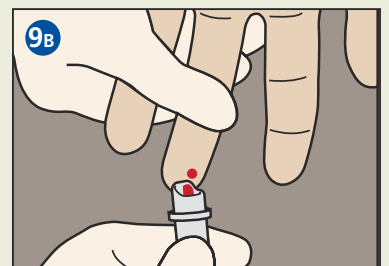
## After triggering, remove the lancet and discard into a biohazard sharps container.



# 9

## Collect the specimen.

- Massage** gently from the hand to near the puncture site, holding hand below elbow level to obtain the required blood volume, as indicated in illustration 9A.
- Wipe** away the first drop of blood with a sterile gauze pad, as this drop may contain an excess of tissue fluids, that could cause erroneous test results.
- Turn** the patient's hand palm down.
- Position** the BD Microtainer™ Tube directly beneath the puncture site. Apply gentle, intermittent pressure on the entire finger to allow the capillaries to refill with blood and to help ensure continuous blood flow. Apply gentle pressure at the ends of the puncture site, opening the puncture slightly, to maximize blood flow.  
**Note:** If using the BD Microtainer™ Tube with Microgard™ Closure allow first several drops to fall on one another in order to form a continuous channel.



# 10

## To complete the procedure.

- Wipe** the site dry and apply direct pressure with a sterile gauze pad until the bleeding has stopped.
- Dispose** of all used materials in an appropriate biohazard container.
- Label** the tubes and transport them to the lab for processing.  
**Note:** Samples collected in EDTA for hematology must be tested within four hours of collection.