

# BD Safedraw™

Closed Loop Blood Sampling System



Indispensable to  
human health

Lower infection risk...  
superior clinical samples.



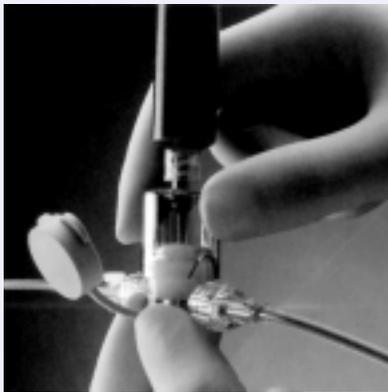
# Simplified technique makes it easy to use



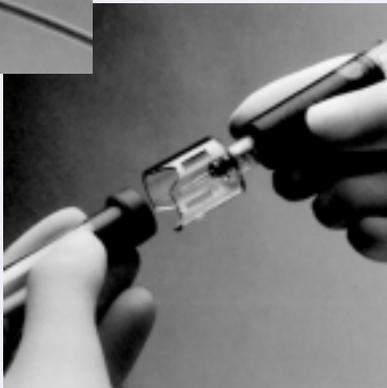
1. Attach a syringe to the BD Safe Needle Transfer Device. Align arches with the fluid path and insert it into the sampling septum.



2. Aspirate the desired sample volume into the syringe.



3. Remove the BD Safe Needle Transfer Device by pulling it half way out of the septum to isolate it from the fluid path. Aspirate slightly with the syringe, twist and remove the BD Safe Needle Transfer Device.



4. Use the BD Safe Needle Transfer Device to transfer samples into vacuum tubes.

# The integrated BD™ blood sampling and pressure monitoring system

BD Safedraw™ Blood Sampling Systems are performance matched for adult and pediatric patients to provide accurate waveform reproduction.



## Specifications:

Frequency response data with DTX/Plus™ Pressure Transducer

REF No.	Flat Range	Damping Ratio	Resonant Frequency
682131	11 Hz	.19	31 Hz
682142	11 Hz	.19	31 Hz
682132	9 Hz	.19	28 Hz
682143	9 Hz	.19	28 Hz

## Order Information

### BD Safedraw Blood Sampling Systems

REF No.	Description
682131	With DTX/Plus™ Pressure Transducer, 48 IN. pressure tubing, 12 IN. pediatric pressure tubing
682142	Same as above with Touchguard™
682136	48 IN. pressure tubing, 12 IN. pediatric pressure tubing
682144	Same as above with Touchguard™
682132	With DTX/Plus™ Pressure Transducer, 60 IN. pressure tubing, 12 IN. pediatric pressure tubing
682143	Same as above with Touchguard™
682135	60 IN. pressure tubing, 12 IN. pediatric pressure tubing
682145	Same as above with Touchguard™

### BD Safedraw Accessories

REF No.	Description
683159	BD Safe Needle
682158	BD Safe Needle Direct Transfer Device

# Addresses concerns for patient and clinician protection

Accidental needlesticks, infection concerns, blood loss and exposure, even latex sensitivity, are inherent hazards with conventional blood sampling procedures.

But they do not have to be problems any longer. Not with patented BD Safedraw Blood Sampling System for adults and pediatrics. BD Safedraw Blood Sampling System helps to minimize the risks associated with conventional blood sampling systems. And, it makes sampling easier and more cost-effective than conventional procedures.

## **An innovative stick-free needle.**

- The blunt plastic BD Safe Needle Transfer Device is shielded from accidental contact to help eliminate dangerous needlesticks.
- Multiple samples from a single patient can be drawn with the same BD Safe Needle Transfer Device without the threat of blood exposure.

- BD Safe Needle Transfer Device allows safe transfer of samples from a syringe or vacuum tube.
- Large bore 19 gauge plastic needle inhibits cell hemolysis.
- Standard BD Safe Needle Transfer Device matches Luer-Lok™ and Luer-Slip syringes, and ABG syringes.
- BD Safe Needle Direct Transfer Device permits blood samples to flow directly into vacuum tubes.

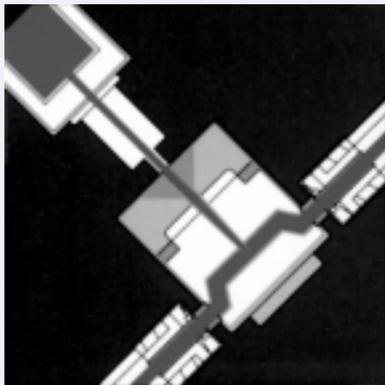
BD Safe Needle Transfer Device



BD Safe Needle Direct Transfer Device



# Guards against contamination and patient reactions



BD SafeDraw™ Blood Sampling System's exclusive septum eliminates direct contact with the fluid path, while helping to reduce the danger of contamination and infection.

BD Safedraw Blood Sampling System's latex-free silicone septum helps avoid reactions in latex sensitive patients and staff.

- Septum design helps to minimize exposure to pathogens by preventing non-sterile contact with the fluid path.
- Septum is core proof to enable multiple sampling.
- Self sealing material helps avoid blood spurts, leakage and accidental contact.

## **Exceptional sample accuracy for improved patient care.**

- An 8:1 clearance ratio assures pure blood at the sampling site.
- Permanently attached, volume restricted syringe, with and without touch guard, holds saline-diluted blood in-line.
- Aspiration volume of just 2 cc's helps reduce arterial wall trauma.

## **Conserves patient blood.**

Loss of blood caused by sampling required for diagnostic testing may result in anemia and increase transfusion requirements. With conventional procedures, from 24 to 30% of daily total blood drawn from critical care patients may be discarded after clearing arterial lines.

- BD Safedraw Blood Sampling System stores saline-diluted blood in line, protected from contamination.
- Once sampling is complete, BD Safedraw Blood Sampling System permits reinfusion of the entire discard volume.

## **A cost effective solution.**

- No need for costly accessories, even for multiple samples.
- Ends the sampling waste and costs associated with accidental needlesticks.



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