

# BD Barricor™ yields **Efficiency**

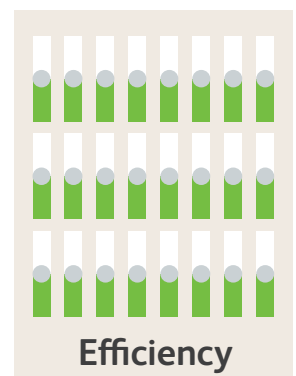
BD Barricor™ has been designed to ensure optimal performance across the sample and laboratory work-flow, providing opportunities for improving the total cost of operations

**Drive savings:** Reducing remediation activities and costs

**Remove waste:** Reducing fibrin/gel clotting events

**Rationalise supply:** Consolidating multiple tests on one tube

**Process compatibility:** Enhancing analytes stability



## BD Barricor™ reduce remediation activities

BD Vacutainer® Barricor™ was thoroughly tested and benchmarked against BD Vacutainer® SST™II *Advance* to evaluate the impact associated with:

- 1 Switch from serum to plasma sample;
- 2 Adoption of mechanical separation technology.

remediation  
time



remediation  
costs



Pre-phase		Post-phase
144,925 tubes	Total number of processed tubes	150,029 tubes
5,957 occurrences	Fibrin/gel clotting	1,095 occurrences
517.9 h €16,991	Total time and cost of remediation activities	87.4 h €2,527

Source: C. Fleming et al., AACC Conference, 2018



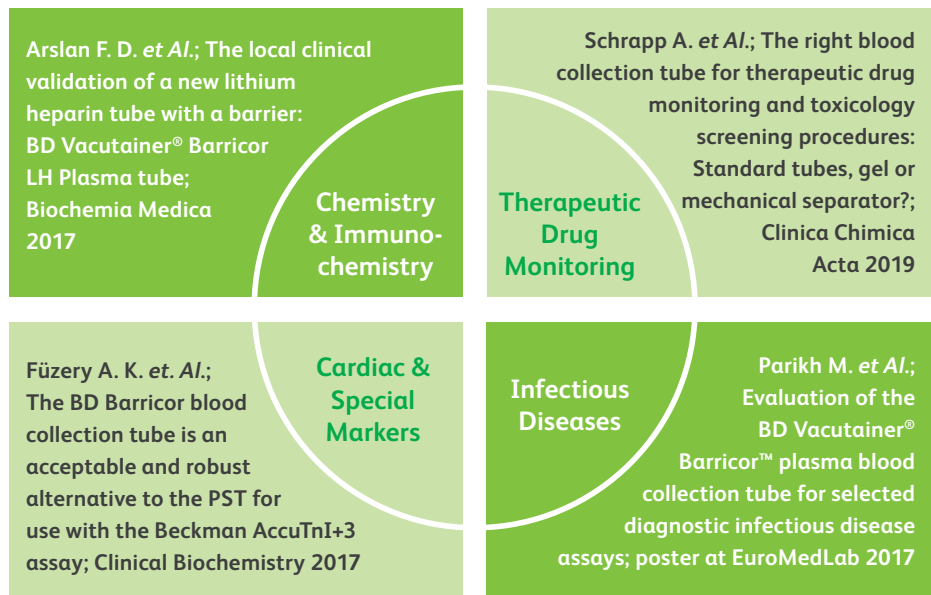
# Multiple specialties on a single BD Barricor™

## Why consolidate on BD Barricor™?

- Analytical process efficiency:**  
Fewer tubes leads to reduced queues of samples to be analyzed
- Primary tube processing:**  
BD Barricor™ can be processed without aliquoting tasks, saving time and supplies
- Waste disposal:**  
Multiple specialties on a single BD Barricor™ leads to less waste, both blood and plastic

## How to consolidate on BD Barricor™?

BD and laboratories around the world have already conducted several studies.



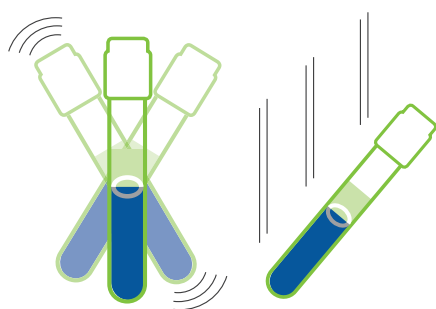
# BD Barricor™ answers today's lab needs

## Transportation

*“The separator forms a robust barrier between cells and plasma in centrifuged tubes which remains integral through transport conditions.”*

### Why is it important?

Blood is collected across wide territories and then transported to central laboratories. A suitable tube is paramount to preserve the specimen



Vibration and drop

## Sample stability

*“Sample stability is defined as the capability of a sample to retain the initial value of a measured quantity within specific limits when stored.”*

### Why is it important?

Retesting is a common practice and it requires stable specimens over time to ensure reliable results and avoid reagent waste



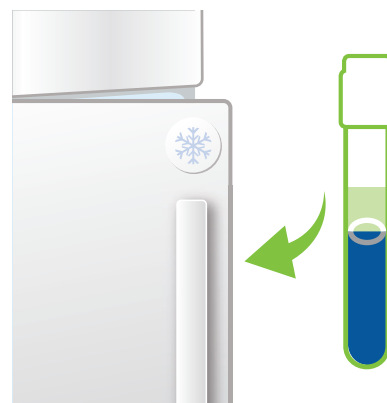
Various sources: White papers & posters

## Storage

*“The BD Barricor™ separator maintains barrier integrity when undergoing one freeze/thaw cycle as indicated by and proven by the acceptable visual inspection results”*

### Why is it important?

Storage condition affect specimen quality and stability conditions and frozen storage is preferable



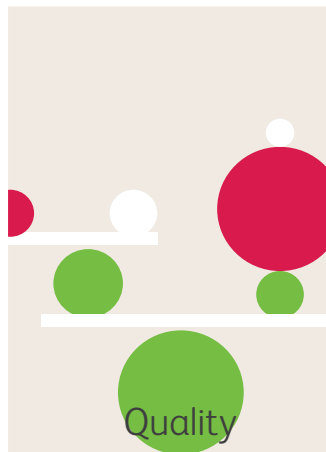
Source: White paper VS9191

# BD Barricor™ – added value for your lab



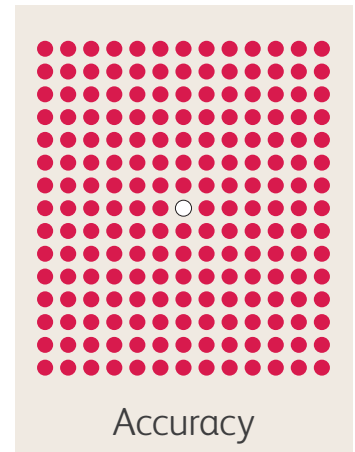
Fast diagnosis

BD Barricor™ delivers a faster time-to-result for all patients with no clotting time and a reduction in centrifugation time of up to 7 minutes.



Quality

The BD Barricor™ mechanical separator technology delivers a leading-edge collection and analytical process by eliminating separator artefacts that may interfere with analyte testing and that could lead to instrument downtime. This innovation helps deliver the highest diagnostic quality and patient care.

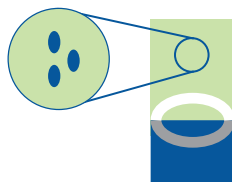


Accuracy

BD Barricor™ is an innovative technology that provides greater confidence in the accuracy of laboratory results across a broad range of analytes enabling clinicians to act on reliable and credible results to deliver cutting edge care and service.



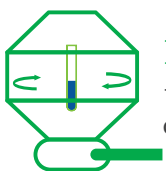
Time saving during an early phase in the analytical process



Cleaner sample with reduced cell content



Improved performance for sensitive assays



Increased throughput of centrifugation



Mechanical Separator Technology



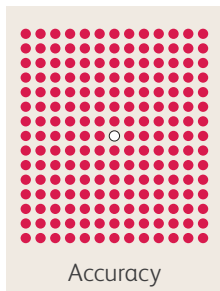
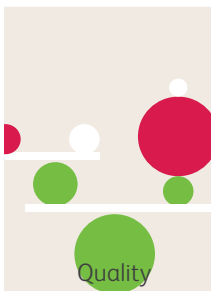
Prolonged analyte stability



Enhanced downstream processes and overall turn around time (TAT)

Reduced instrument downtime & maintenance

Improved results reliability and retest avoidance



BD Barricor™ yields Efficiency and much more: Quality, Accuracy and Fast Diagnosis.

You can discover how plasma mechanical separation leverages these benefits bringing a value to your processes bigger than the sum of the individual parts.

Ask your local BD representatives for more information and references on BD Barricor™.



To learn more, check the website of the BD Barricor™ Scientific Forum:  
<http://lp.bd.com/Barricor-webinars.html>

Based on talks at BD Barricor™ Scientific Forum, April 2018

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