BioCUE™

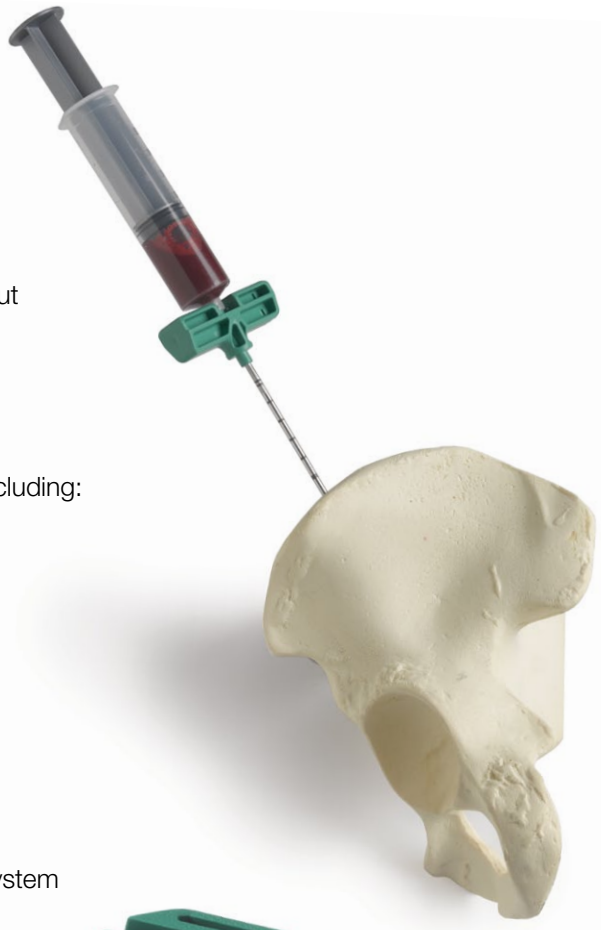
Platelet Concentration System

BIOMET® BIOLOGICS

BioCUE™ System

Focus on Bone Marrow

Aspirated bone marrow is frequently used as a bone grafting tool. Designed to process autologous bone marrow aspirate and whole blood, the BioCUE™ System represents an evolution in this technique. The system has all the components to **ASPIRATE** bone marrow and whole blood, **PROCESS** the disposable system, and produce an output to **HYDRATE** the surgeons choice of autograft and/or allograft.



Aspirate

Bone marrow can be obtained from a variety of anatomical locations including:

- Iliac Crest (anterior or posterior approach)[1]
- Vertebral bodies[1]
- Calcaneus[2]
- Proximal and distal tibia[2]
- Proximal and distal femur[3]
- Proximal humerus[4]

The bone marrow aspirate (BMA) needle provided with the BioCUE™ System has several advantages over traditional aspiration needles.

- 6 holes at the distal tip, allowing for more efficient aspiration
- Stylet with trocar point for penetration of the cortical bone into the bone marrow cavity
- Stylet with blunt tip for easy movement of the needle within the bone marrow cavity

Blood draw components are provided for the aspiration of whole blood using standard venipuncture techniques.

Six holes at the distal tip for better aspiration

Each needle comes with a trocar point and blunt tip for surgeon options

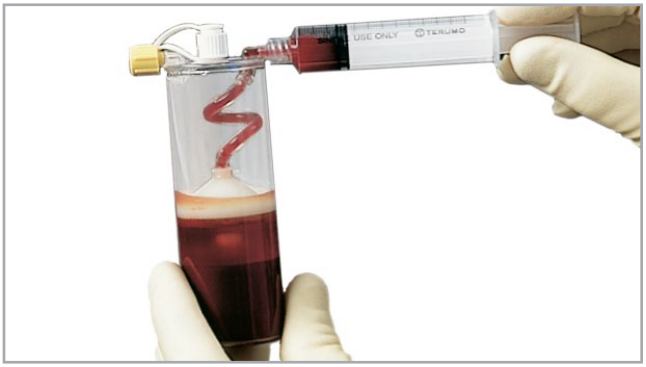
BioCUE™ System

Process

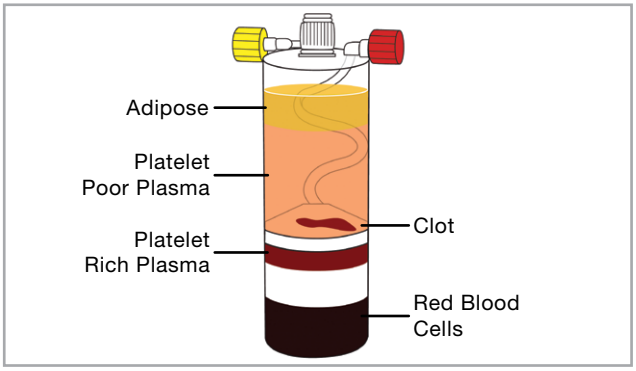
Unlike traditional PRP disposables which can only process whole blood, the BioCUE™ System is designed to concentrate platelets and white blood cells from a combination of BMA and whole blood.

Features of the BioCUE™ System include:

- Dual buoy design eliminates need to filter bone marrow or whole blood prior to processing
- Outputs 3–6cc of autologous PRP from BMA and whole blood
- 15 minute centrifugation cycle using dedicated Biomet Biologics centrifuge
- PRP contains 70% of available platelets and 74% of available white blood cells[5]



3–6cc of PRP will be available to hydrate autograft or allograft bone.



Unwanted debris such as adipose tissue or clots are separated from the PRP during processing.

Hydrate

Surgeons can use the PRP from the BioCUE™ System to hydrate their choice of autograft or allograft.

Surgeons seeking a synthetic bone graft substitute can utilize Biomet Biologics' Bone Graft Convenience Kit which includes 15cc of Bonus™ Synthetic Bone Graft.

Ordering Information

	Description	Catalog Number
	BioCUE™ Platelet Concentration System	800-0611A
	BioCUE™ Mini Platelet Concentration System	800-0610A
	Bone Graft Convenience Kit	800-0535
	Biomet Biologics Centrifuge	755VES

References

1. Mclain, R.F., *et al. JBJS (AM)*. 87(12): 2655, 2005.
2. Schweinberger, M.H. *et al. Journal of Foot and Ankle Surgery.* 46(5): 411, 2007.
3. Lee, H.S. *et al.* Stem Cells. 21(2):190, 2003.
4. Mazzocca, A.D. *et al*. *American Journal Sports Medicine*. 38(7):1438, 2010.
5. Data on file at Biomet Biologics LLC. Bench test results are not necessarily indicative of clinical performance.

For product information, including surgical techniques, indications, contraindications, warnings, precautions and potential adverse effects, see the Biomet Biologics website at biometbiologics.com.

BIOMET® BIOLOGICS

One Surgeon. One Patient.®

P.O. Box 587, Warsaw, IN 46581-0587 • 800.348.9500 x 1501

Form No. BBI0041.2 • REV013111