

ClotMaster™ Scaffolded Platelet Rich Plasma

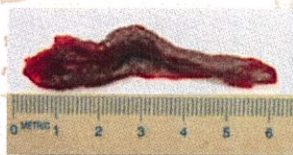
100% Autologous Fibrin Clot Harvest and Implantation System



Extruded Clot on Suture



Create and mold varied clots in 10 minutes



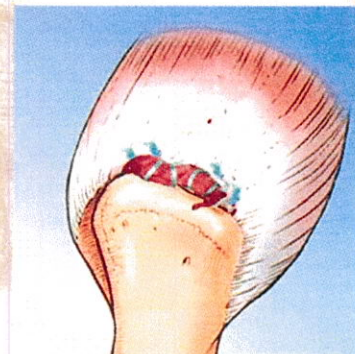
Elongated Clot



Discoid Membrane



Autografts/Allografts



Repairs/Reconstruction

Form robust fibrin membranes or injectable glue with whole blood in 10 minutes

- 10 minute harvest with no centrifuge
- No additives
- Arthroscopic delivery on Suture
- Percutaneous delivery
- Trauma
- Burn
- Reconstruction
- Sports medicine
- Can be sutured or injected into place
- Controlled formation
- Preparation block and applicator sets available



Knee



Select Fiber Type and Orientation



Pierce Surgical Corporation

www.piercesurgical.com 4856 Mountain Rd. Stowe, VT 05672 USA info@piercesurgical.com 802-253-4810

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PS-3111 ClotMaster "Hula Cup" Directions for Forming Varied Clot Types

DENSE FIBEROUS CLOTS (DFC) are made by keeping the blood (or bone marrow aspirate) in motion for 10 minutes. The user can select the shape and fiber orientation of clot by adjusting the glass rod height from the base. Gentle, near-constant motion of the blood for 10 minutes, will cause dense fibrous clots (DFC) to form on, or under the glass rod.

GEL CLOT A cohesive gel can be formed if the blood is agitated for less than a minute and allowed to remain still for at least 9 minutes. This adhesive gel can later be concentrated by pressing it with gauze.

1) Dispense 10-60 cc of Blood or Bone Marrow Asparate into Container and close lid

2) Select the desired clot type by positioning the glass rod end relative to the base of the container



ROD DOWN (0 gap)
Annulus of Dense Clot with parallel fibers, cut the ring to form an elongated clot



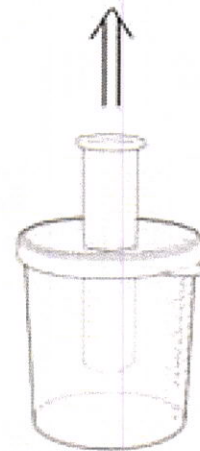
Parallel Dense Fibrous Clot
10 minute swirl



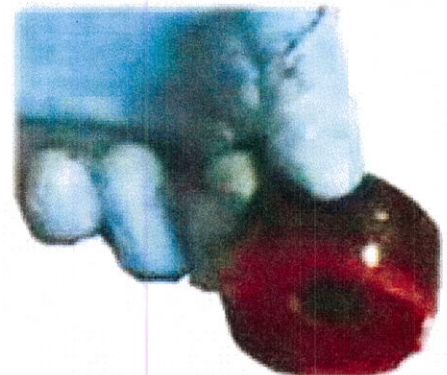
ROD UP (2-5mm gap)
Discoid Membrane Clot will form to fill gap



Discoid Membrane Clot
10 minute swirl



ROD UP (+5mm gap)
contacting blood or BMA
Clot will form around rod end
Use this position for Gel Clot formation



Gel Clot
1 minute swirl,
9 minutes sedentary