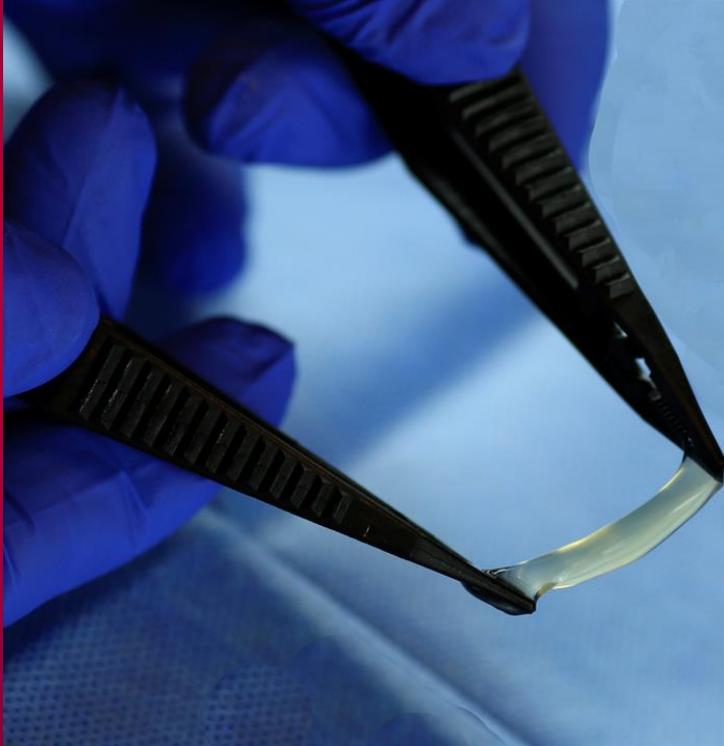


# Procenta<sup>®</sup>

## The Future of Placental – Derived Allografts



Procenta<sup>®</sup> is a unique, hydrophilic, acellular placental-derived graft made from viscoelastic soft connective tissue.

Procenta<sup>®</sup> is packaged sterile, hydrated and ready-to-use.

### PHYSICAL PROPERTIES

- ✓ Provides a conformable, adherent scaffold to cover a site of injury
- ✓ Requires no orientation
- ✓ Protects the site from surrounding environment
- ✓ Retains fluid at the site
- ✓ Minimal manipulation
- ✓ 3-year shelf life



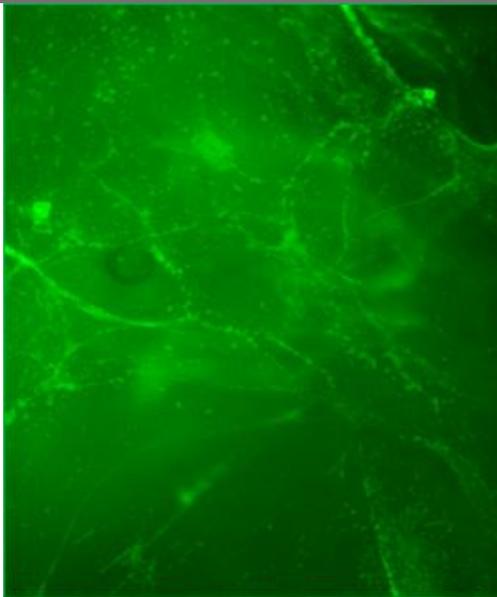
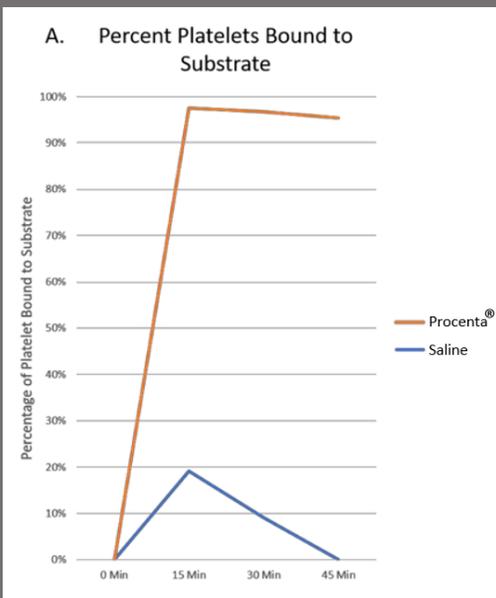
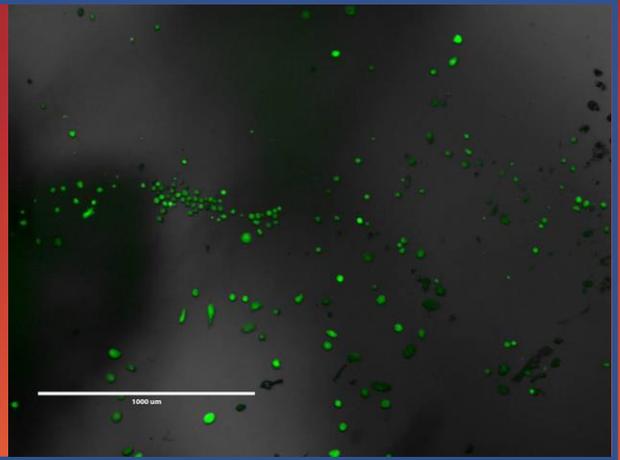
### Study Method:<sup>1</sup>

Procenta<sup>®</sup> was combined with human bone marrow-derived MSCs in non-coated 12-well plates and then placed in non-supplemented DMEM [no growth media (e.g. FBS)] and seeded with 10,000 MSCs.

### Results:<sup>1</sup>

Procenta<sup>®</sup> established hMSC cultures showing viable cell populations. These observations illustrate the ability of Procenta<sup>®</sup> to serve as a viable platform for cells from the recipient of the allograft to infiltrate and initiate the appropriate biological processes.

[1] Dregalla, R.C. Nativus, a Novel Tissue Processing Method, Promotes Human Stem Cell Survival, Attachment and Proliferation.



### Study Method:<sup>2</sup>

A total of 38 mL of whole blood was collected into acid citrate and centrifuged for 5 minutes at 1,150 xg. The resulting plasma fraction was collected (~20mLs). The plasma was split into two 10mL aliquots and further centrifuged at 2,200 xg for 5 minutes. The resulting platelet pellets were resuspended in 1mL phosphate buffered saline (PBS). Procenta<sup>®</sup> (250mg) was added to one tube and saline (250uL) to the second. Tubes were incubated at 37°C in a shaking water bath for 45 minutes; 10μl samples of the platelet suspension was collected from each at 15-minute intervals, dual labeled with CD61 (platelets) and calcein (viability). Platelet quantification was determined via flow cytometry.

### Results:<sup>2</sup>

Platelets quantified in solution indicate adhesion to the Procenta<sup>®</sup> graft in contrast to the saline control where platelets remained in suspension. This observation was confirmed via fluorescent microscopy.

[2] Dregalla, R.C. Procenta<sup>®</sup> Binds and Immobilizes Human Platelets for Concise Delivery to Soft Tissue Injuries

### Contact to order:

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Email: [customerservice@lucinabio.org](mailto:customerservice@lucinabio.org)

### Ordering Information

Catalog #	Size*
001025	100mg
001050	200mg
001075	300mg

\*Size = weight of graft material (mg)

Manufactured & Distributed by:

