



MARXMAN™

A Safe Deflective Bone Marrow Aspiration System
Utilizing FlexMetric® Technology

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A simple, safe instrument to harvest a high number of stem cells from bone marrow

Marrow MarXman™

Intended Use

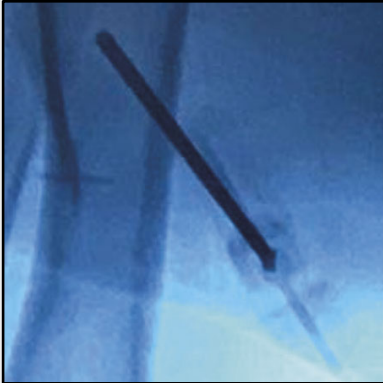
The Lenkbar™ Marrow MarXman™ is intended for use for aspiration of autologous bone marrow using a standard piston syringe.

Specifics

- High-cell-density harvest may eliminate the need for centrifugation
- Can harvest up to 60 ccs of cell-rich bone marrow aspirate in five minutes
- Can harvest bone marrow stem cells in the office or operating room
- Flexible design directs the cannula to stem-cell-rich inner cortex of the bone marrow
- Flexible design may reduce potential for breakage
- Simple, three-component package
- Single-use device

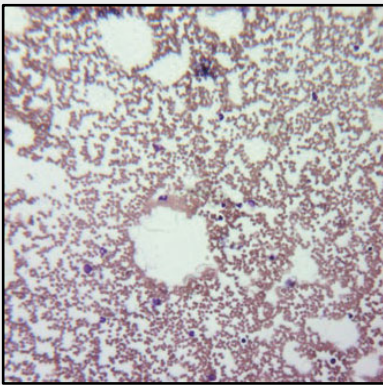
Advantages

- Office access to bone-marrow-derived stem cells
- Eliminates morbidity of an open bone harvest
- Expands office-based procedures
- For operating room procedures, the aspirate does not need to be taken out of the sterile field. The Marrow MarXman™ reduces operating room times, length of hospital stays, and overall costs
- May allow patients to return to functioning earlier
- Little or no pain at harvest site
- Learnable procedure without extensive training

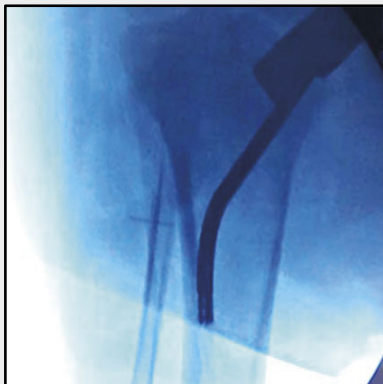


Traditional BMA

Straight traditional BMA needle perforating through cortex into adjacent tissue

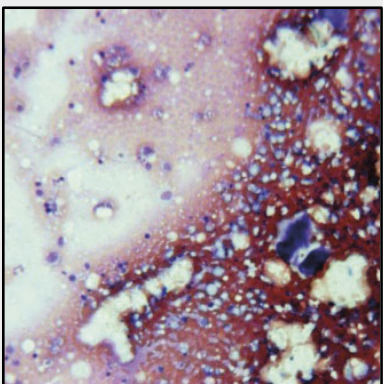


Straight traditional BMA needle perforating through cortex into adjacent tissue



MARXMAN

Marrow MarXman™ Flexible Aspirator
hugs inner cortex for enhanced
mesenchymal stem cell (MSC) harvest



Representative image of cellular contents
harvested with the Marrow MarXman™

LKBR-MRX-A-50



bone marrow aspirator



trocar



ball tip
cleaning stick

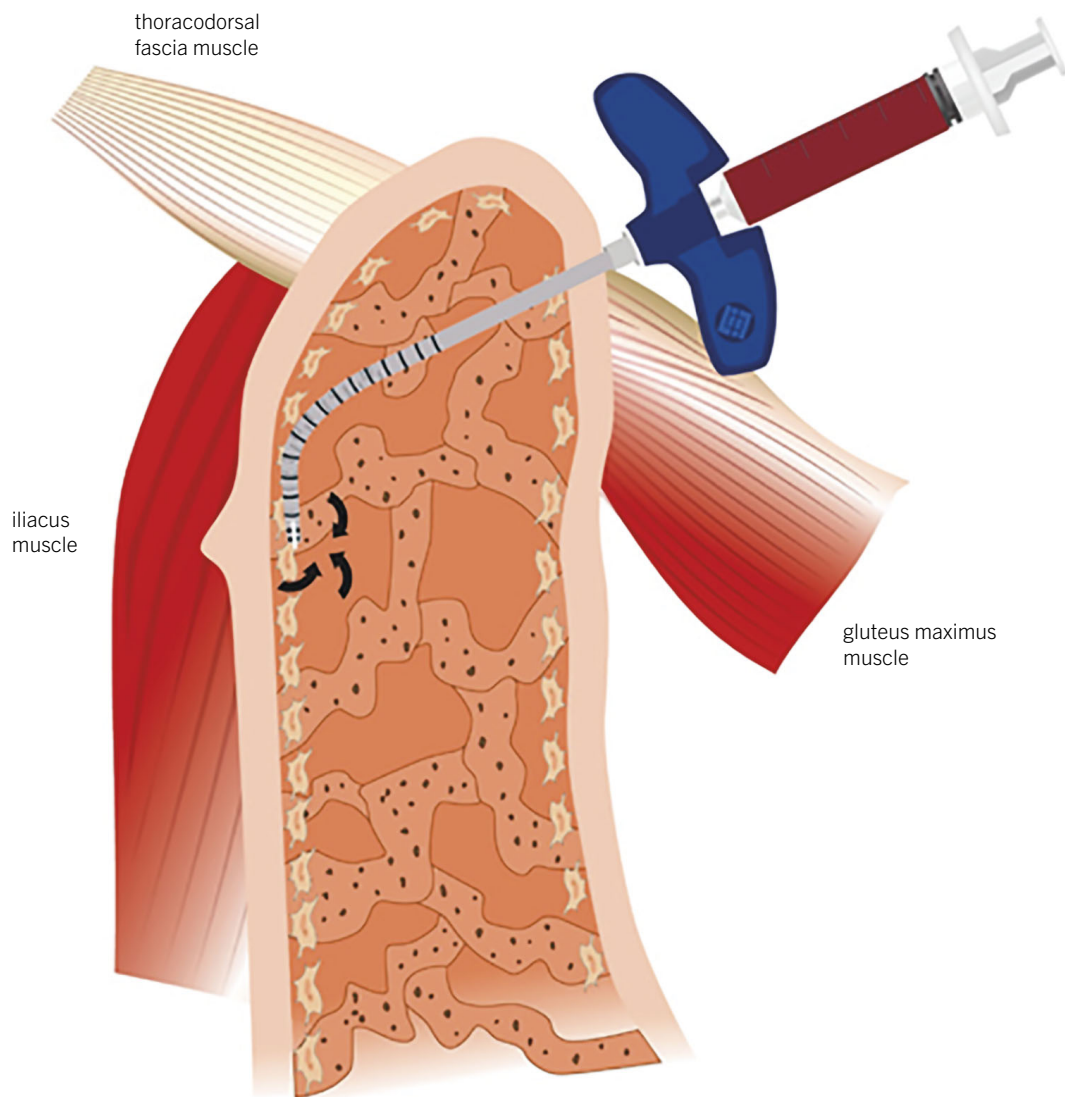
LKBR-MRX-D- 4.75



perforator



Posterior Ilium flexible



Marrow MarXman™ shown following the path of least resistance.

Notes

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KLS Martin Group

KLS Martin Australia Pty Ltd.

Sydney · Australia
Tel. +61 2 9439 5316
australia@klsmartin.com

KLS Martin do Brasil Ltda.

São Paulo · Brazil
Tel. +55 11 3554 2299
brazil@klsmartin.com

**KLS Martin Medical (Shanghai)
International Trading Co. Ltd.**

Shanghai · China
Tel. +86 21 5820 6251
china@klsmartin.com

Gebrüder Martin GmbH & Co. KG

Tuttlingen · Germany
Tel. +49 7461 706-0
info@klsmartin.com

KLS Martin India Pvt Ltd.

Chennai · India
Tel. +91 44 66 442 300
india@klsmartin.com

Martin Italia S.r.l.

Milan · Italy
Tel. +39 039 605 67 31
italia@klsmartin.com

Nippon Martin K.K.

Tokyo · Japan
Tel. +81 3 3814 1431
nippon@klsmartin.com

KLS Martin SE Asia Sdn. Bhd.

Penang · Malaysia
Tel. +604 505 7838
malaysia@klsmartin.com

KLS Martin de México S.A. de C.V.

Mexico City · Mexico
mexico@klsmartin.com

Martin Nederland/Marned B.V.

Huizen · The Netherlands
Tel. +31 35 523 45 38
nederland@klsmartin.com

Gebrüder Martin GmbH & Co. KG

Moscow · Russia
Tel. +7 499 792-76-19
russia@klsmartin.com

KLS Martin Taiwan Ltd.

Taipei · Taiwan
Tel. +886 2 2325 3169
taiwan@klsmartin.com

Gebrüder Martin GmbH & Co. KG

Dubai · United Arab Emirates
Tel. +971 4 454 16 55
middleeast@klsmartin.com

KLS Martin UK Ltd.

London · United Kingdom
Tel. +44 1189 000 570
uk@klsmartin.com

Distributed by

KLS-Martin L.P.

Mail: P.O. Box 16369, Jacksonville, FL 32245-6369
Office: 11201 Saint Johns Industrial Pkwy S., Jacksonville, FL 32246-7652
Tel. 904.641.7746 · 800.625.1557
Fax 904.641.7378
usa@klsmartin.com · www.klsmartinnorthamerica.com

Manufactured by

Lenkbar LLC

2705 Corporate Flight Dr
Naples, FL 34104