

GEISTER

GEISTER®

The better way to operate™



ThoraGate™
Rib Up Retractor

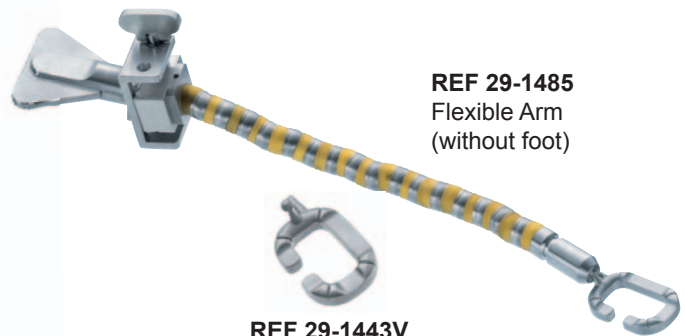
ThoraGate™ Rib Up Retractor for MIDCAB Surgery

Minimally invasive direct coronary artery bypass (MIDCAB) with the GEISTER® Thoragate™ system requires a substantially smaller incision than conventional coronary artery bypass grafting (CABG). A leftside minithoracotomy is being performed, then the left internal mammary artery (IMA) harvested under direct vision, and an anastomosis being performed between IMA and LAD under direct vision, using a mechanical GEISTER® stabilizer system, fixed by a t-bar or a flexible arm either on the ThoraGate™ itself, or - after changing the retractor in situ - on a small mini-thoracotomy retractor, for local mechanical immobilization.



REF 29-1120 ThoraGate™ Rib Up Retractor for MIDCAB Surgery

- + stable rib elevation
- + facilitates harvesting
- + excellent exposure
- + larger operating area
- + choice of 2 lower blades
- + choice of 3 upper blades



REF 29-1485
Flexible Arm
(without foot)

REF 29-1443V
Satoh II Suction Stabilizer Foot

REF 29-1444V
Compact Suction Stabilizer Foot

REF 29-1441V
Riess Stabilizer Foot



REF 29-1433.RD
Solid Rod or Stabilizer Foots (without foot)

Please contact customer service for t-bars, mini-thoracotomy retractors, fixation clamps and other accessories for MIDCAB surgery.

GEISTER®
The better way to operate™

Geister Medizintechnik GmbH
Foehrenstrasse 2
D-78532 Tuttlingen/ Germany
Phone +49-(0)7461-966 240
Telefax +49-(0)7461-966 2422
E-mail: info@geister.com
Internet: www.geister.com

Distributor: