

Giulianotti Minimally Invasive Surgery System



You work tirelessly, he works tirelessly. You're dedicated, he's dedicated. You have years of education...he works tirelessly. A surgeon couldn't ask for a better assistant than the Iron Intern®. He can hold a retractor steady for hours, always applying the right pressure, and adjusting his grip precisely as needed. And unlike a human arm, he allows optimal vision and maximal access to the operative site. With the Iron Intern® assisting you, you're free to do the job you're trained for. Call us at 800.832.4567 and arrange a 21 day free trial.



AUTOMATED

MEDICAL PRODUCTS CORP

Visit our web site at
www.IronIntern.com

800.832.4567

ROBOTIC-ASSISTED MINIMALLY INVASIVE SURGERY

DESIGNED BY AUTOMATED MEDICAL PRODUCTS CORP.
FOR PIER CRISTOFORO GIULIANOTTI, MD

STABILITY WITH EXCELLENT EXPOSURE

DA VINCI® MINIMALLY INVASIVE SURGERY WITH
THE GIULIANOTTI RETRACTOR SYSTEM FOR
THYROIDECTOMY PERFORMED THROUGH AXILLA

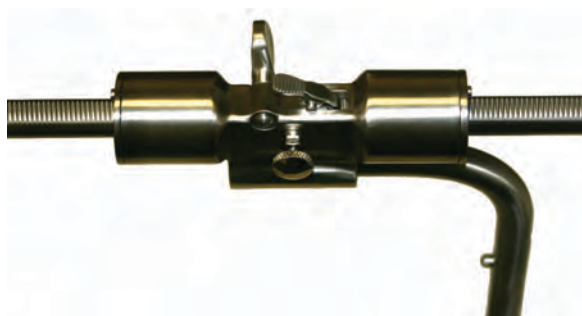


The system includes a 26" modified Iron Intern vertical bar, a Jumbo Iron Intern® arm on a horizontal bar with ratcheting mechanism to allow variable angles of retraction, three 110 degree Harrington blades (small-15cm, medium-17cm, and large-20cm), and three 90 degree Harrington blades (small-15cm, medium-17cm, and large-20cm).

Additional blades of varying angles and widths are available according to user specifications. A separate handle is included to enable manual retraction of the Harrington blades.

There are two differently configured hand-held Deaver retractors specially designed to hold the incision open for the introduction of the adjustable retractors when used in conjunction with the da Vinci® Surgical Robotic System. The horizontal bar with ratcheting mechanism and the Harrington blades allow the most finite adjustments to provide optimal exposure and stability for the surgeon during the procedure.

VERTICAL BAR WITH MOUNTING SYSTEM FOR HORIZONTAL RATCHET BAR



SPECIFICATIONS

- 26" (665mm) Vertical Bar - 410 S.S.
- Mounting System for Horizontal Ratchet Bar - 410 S.S.
- Mounting System holds a 1/4" x 7/8" flat bar (6.3mm x 23mm)
- Rotatable Handle- 304 S.S.

NEW - MORE VERSATILE AND FLEXIBLE RETRACTOR SYSTEM FOR ROBOTIC-ASSISTED MINIMALLY INVASIVE THYROID SURGERY



NEW DUPLEX 3/D SWINGER RAIL CLAMP



RATCHETING HARRINGTON RETRACTOR ON HORIZONTAL BAR

The flared cylinder helps surgeons guide the Harrington blades into the mounting system



SPECIFICATIONS

- Round Horizontal Bar - 410 S.S. 17-1/4" (440mm)
- Mounting System for Blades- 304 S.S.
- Mounting System Square Hole: fits 5/16" (8mm) handle
- WingNut- 304 S.S.

THE SET INCLUDES 8 RETRACTORS

6 Harrington Blades with separate handle

- Three 110 degree Harrington blades (small-15cm, medium-17cm, and large-20cm)
- Three 90 degree Harrington blades (small-15cm, medium-17cm, and large-20cm)



Shown 110° - 15cm Harrington Blade with separate Handle

2 Hand-Held Deaver Retractors



RETRACTOR For Robotic-Assisted Minimally Invasive Surgery

Designed for Pier Cristoforo Giulianotti, MD Patents Pending

Set Includes:

Vertical Bar with mounting system for Horizontal Ratchet Bar

Height of Vertical Bar: 26" (66.5cm)

Mounting System: fits $\frac{1}{4}$ " x $\frac{7}{8}$ " flat bar (6.3mm x 23mm)

Horizontal Ratchet Bar (with mounting system for Harrington Blades)

Total length of Horizontal Bar with Jumbo Iron Intern[®] Arm: 32" (80.6cm)

Mounting System Square Hole: fits $\frac{5}{16}$ " (8mm) handle

Six Harrington Blades (Mounted to $\frac{5}{16}$ " square ratchet)

HARRINGTON BLADES 90°

SMALL 15cm

MEDIUM 17cm

LARGE 20cm

HARRINGTON BLADES 110°

SMALL 15cm

MEDIUM 17cm

LARGE 20cm

Handle Adapter (For Harrington Blades)

5- $\frac{1}{2}$ " (141mm) Square Hole: fits $\frac{5}{16}$ " (8mm) handle

Deaver Retractor with Hollow Handle 1" x 7" (25mm x 180mm)

Special Deaver Retractor with Lip and Hollow Handle 1" x 5" (25mm x 127mm)

New Duplex 3/D Swinger Rail Clamp



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