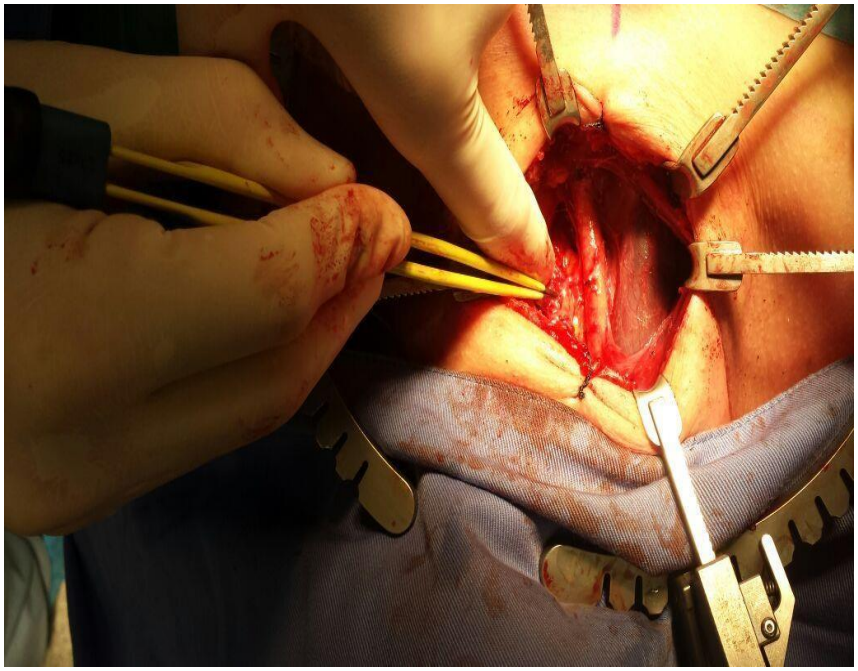
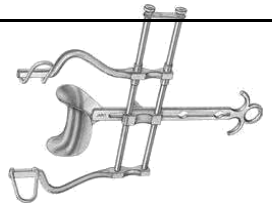
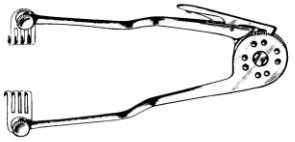
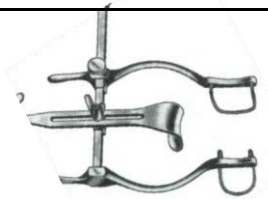


Introduction to Mini-Booker® TMR Systems

How have Retractors Changed?

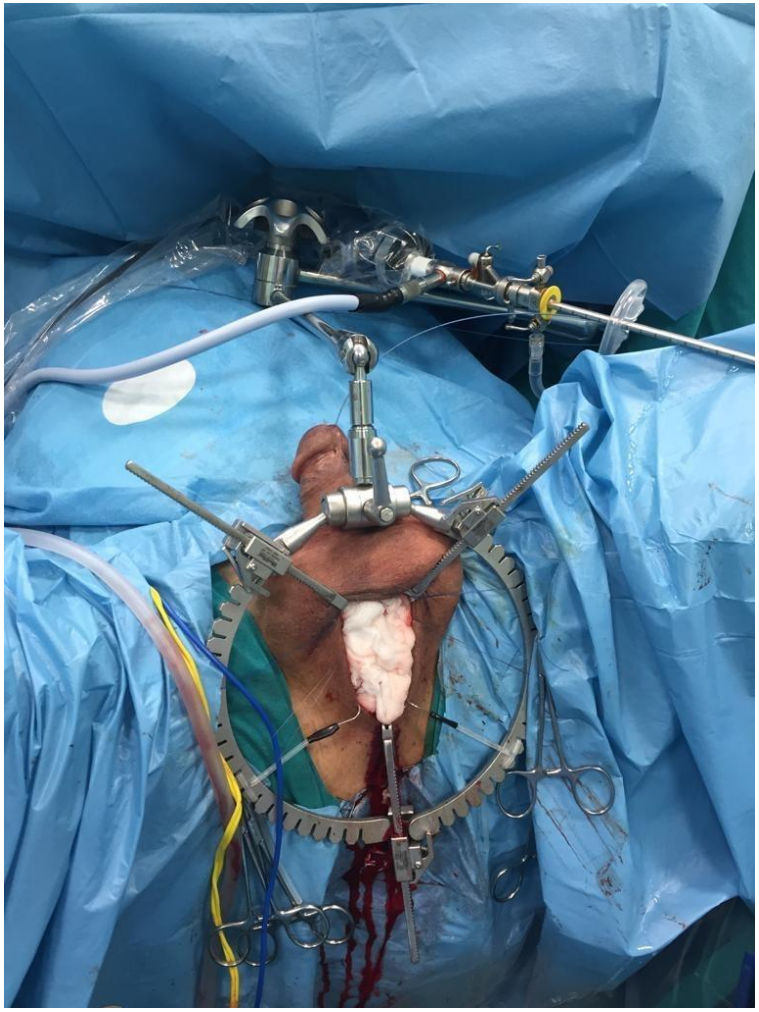
	150 Years Ago	50 Years Ago	Today
Abdominal Surgery			
Small Incision Surgery			**Still Using 50 Year Old Retractors**
Neo-Natal Surgery			**Still Using 50 Year Old Retractors**

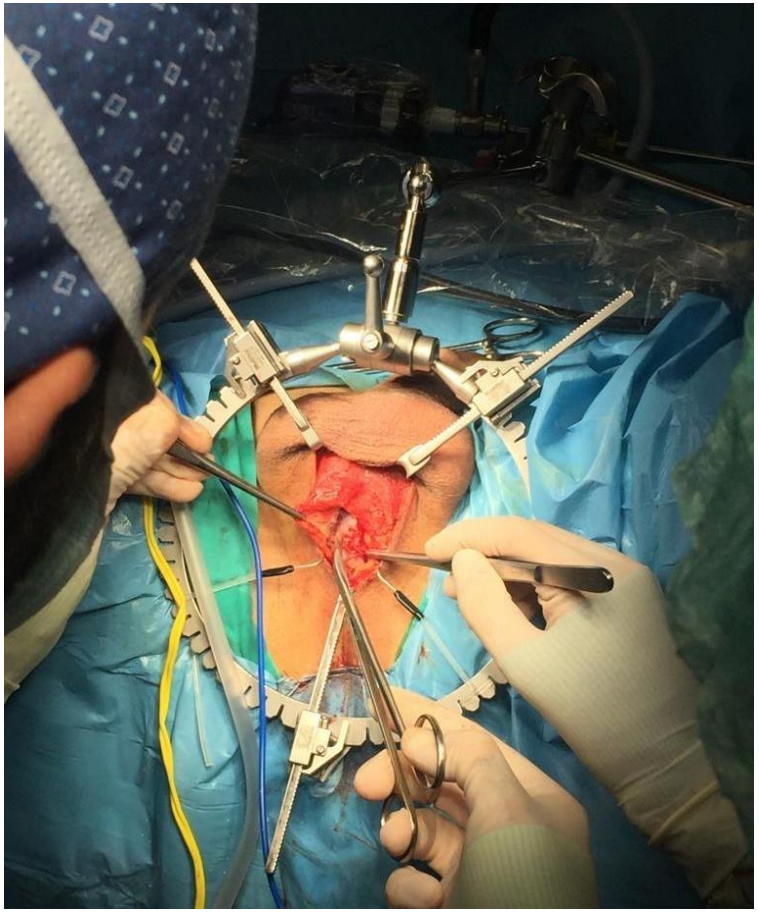
Mediflex® brings Small Incision/Minimally Invasive Surgery and Neo-Natal Surgery up-to-date with the Mini-Bookler® System



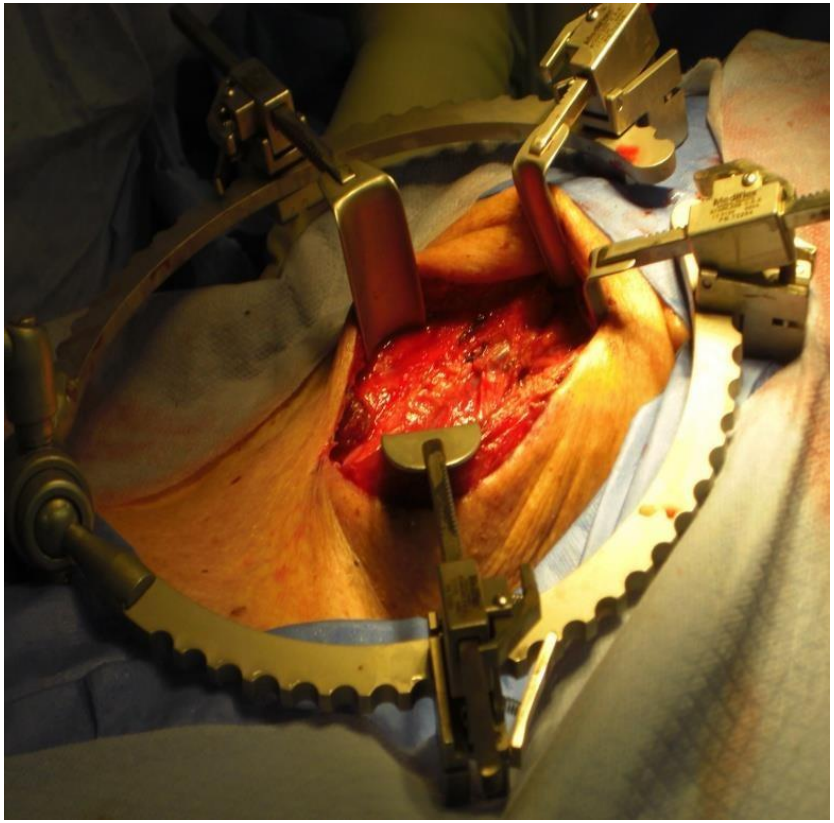
Mini-Bookler® TMR Systems

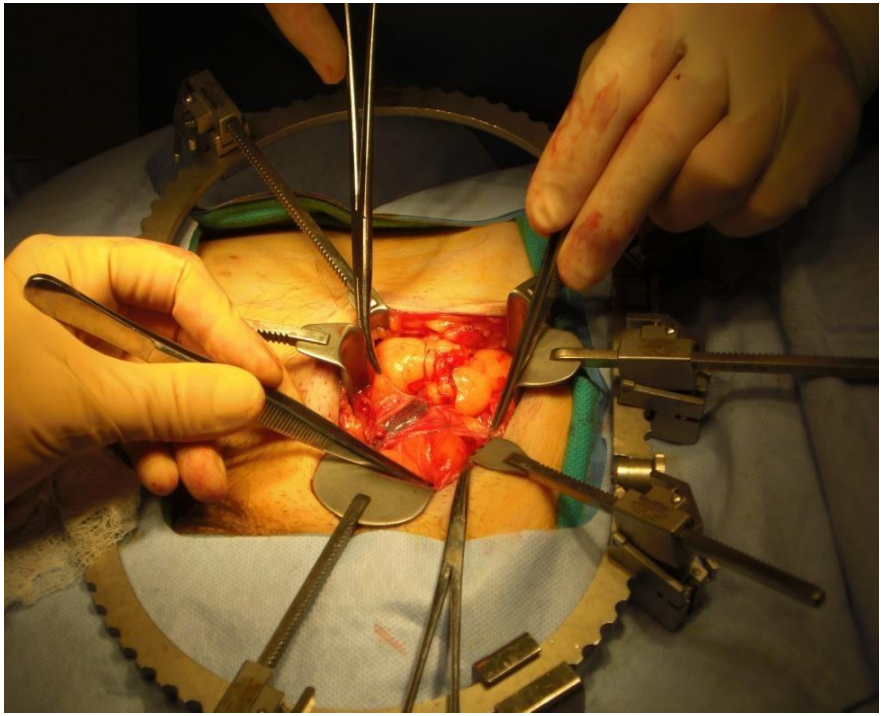
SURGICAL OVERVIEW





Mini-Bookler® TMR Systems
SURGICAL OVERVIEW





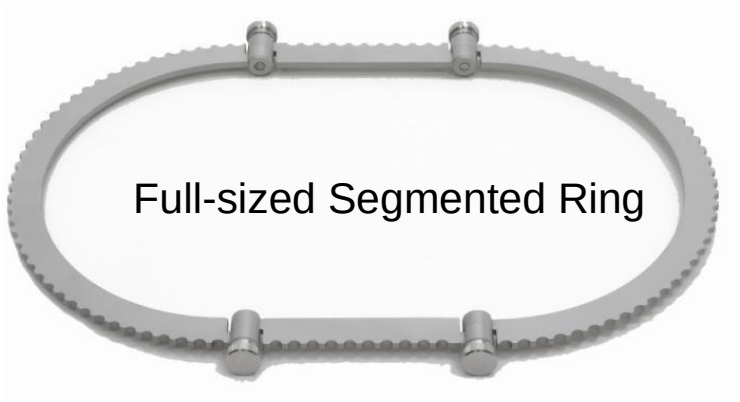
Mini-Bookler® TMR Systems
PRODUCT OVERVIEW

How does the Mini-Bookler® System differ from the Full-sized Bookler® System?

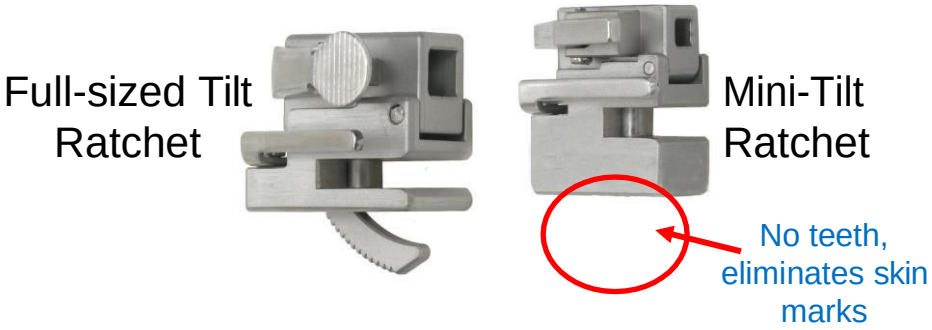
Smaller components

RINGS

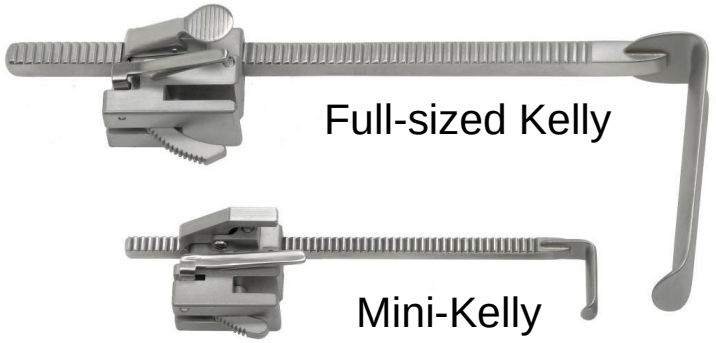




RATCHETS



BLADES



Mini-Bookler® TMR Systems
PRODUCT OVERVIEW



How does the Mini-Bookler ® System differ from the full-sized Bookler ® System?

Eliminated Field Posts and Horizontal Bars

The Mini Bookler System is held by a FlexArm™ or StrongArm ™ Device

Advantages:

- Height Adjustability
- Easier Set-up
- Less “Clutter”





Mini-Bookler® TMR Systems
PRODUCT LINE OVERVIEW

MOUNTING HARDWARE

Mini-Clasper
Attaches to QC fitting for holding a Mini-Bookler Retractor Ring

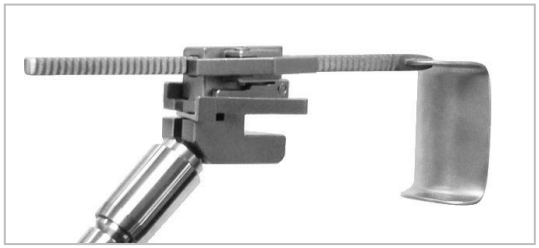


Mini-Tilt Ratchets
with protected tilt rack



Mini-Ratchet Bar
Attaches to QC fitting for holding a Mini-Bookler ® Retractor Blade





Mini-Twist Ratchet
For micro blade retraction adjustments

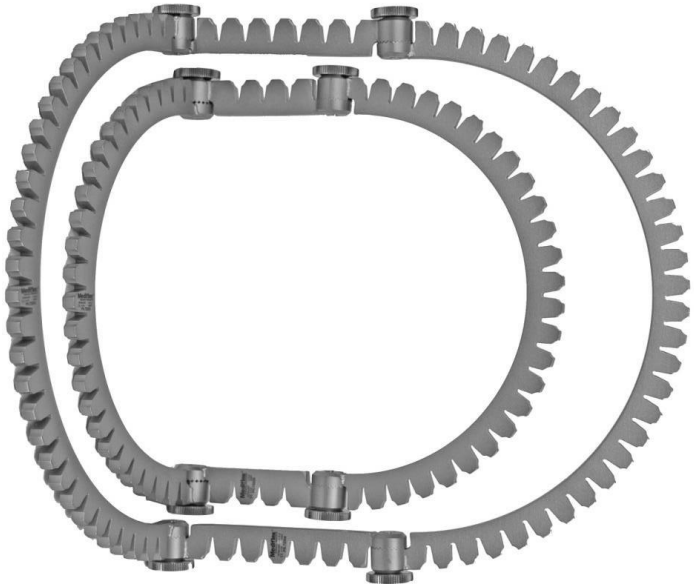


Mini-Bookler® TMR Systems
PRODUCT LINE OVERVIEW

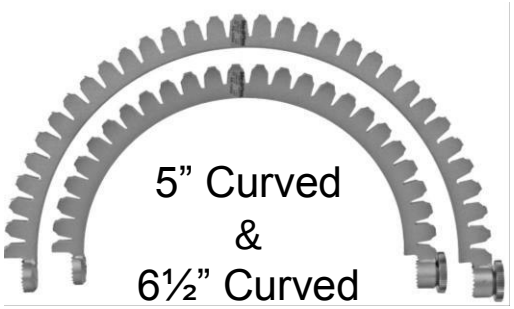
RINGS

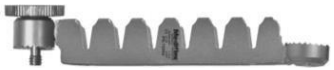
Segmented Rings

- 5” x 7”
- 5” x 8½”
- 6 ½” x 8½”
- 6 ½” x 10



Ring Segments

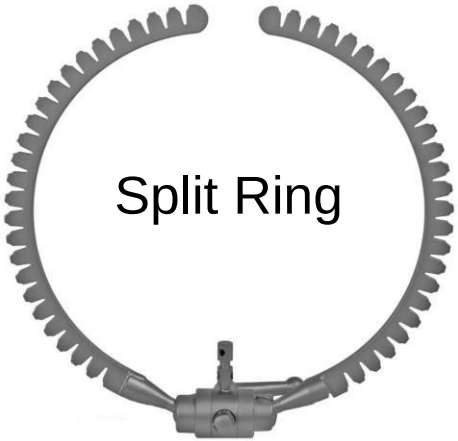


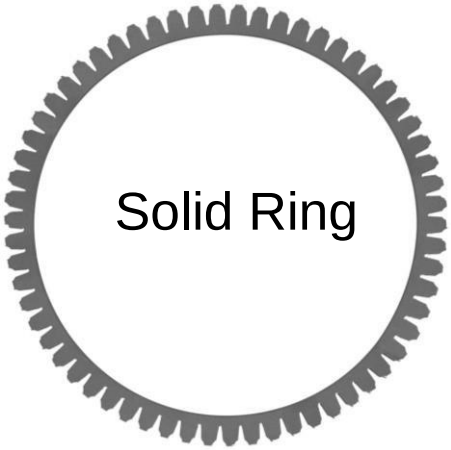


3 ½” Straight



2” Straight





Mini-Bookler® TMR Systems
PRODUCT LINE OVERVIEW

BLADES

- Mini-Malleables – 8 sizes
- Mini-Kellys – 15 sizes
- Mini-Balfours – 2 sizes
- Sharp Mini-Hooks – 5 shapes
- Blunt Mini-Hooks – 5 shapes
- Mini-Senn-Miller – 1 size
- Mini-Deaver – 3 sizes
- Mini-DB Urology – 1 set
- Mini-Rectal – 2 sizes
- Mini-Renal Wiley – 1 size
- Mini-Vaginal Lateral – 1 size
- Mini-Vaginal Posterior – 1 size

Mini-Bookler® TMR Systems
PRODUCT OVERVIEW

PROCEDURAL SYSTEMS

Neonates (up to 10Kg)
Toddlers (≈10 – 15Kg)
Adult Head and Neck Procedures (Thyroids, Carotids etc)
Adult Small Incision Surgery (Hernias, Appendectomies)
Adult Hand Surgery (Tendon repair, Carpal Tunnel)
Adult Breast Surgery and Axillary Node Dissection
Adult Perineal Surgery

Mini-Bookler® TMR Systems
APPLICATION PRODUCT OFFERING

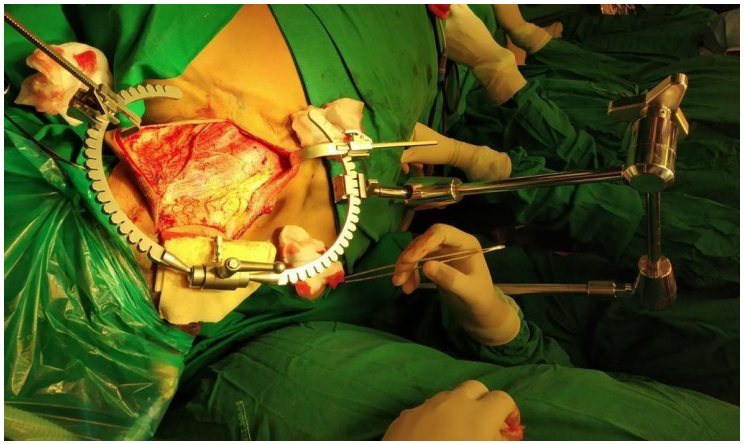
Adult Head and Neck Procedures (Thyroids, Carotids etc)

REF. NO.	DESCRIPTION	QTY
99054-QCLR	Univ. Single FlexArm Plus System, Long Reach, QC Hex Fitting	1
72295	Mini-Bookler Adjustable Split Ring 7” (17.8cm) Closed Dia.	1
72294	Mini-Bookler Tilt Ratchet	4
72276	Mini-Bookler, Blade, Deaver, ½ x 2” (1.3 x 5.1cm)	2
72261	Mini-Bookler, Blade, Kelly, 3/8 x 1 ¼” (1.0 x 3.2cm)	2
75295	Bookler Goulet Retractor 1 ¼ x 1 ¼” (3.2 x 3.2cm)	2
75293	Bookler Right Angle Retractor ½ x 1 ½” (1.3 x 3.8cm)	2
72076	Flex-Light Fiber Optic Light Kit for Bookler Systems	1
69707	Delrin Instrument clamp attachment with Hex Fitting	1

Mini-Bookler® TMR Systems
SURGICAL OVERVIEW

Dr. Pai | Tata Memorial Hospital, Mumbai, India
– Head and Neck Procedures

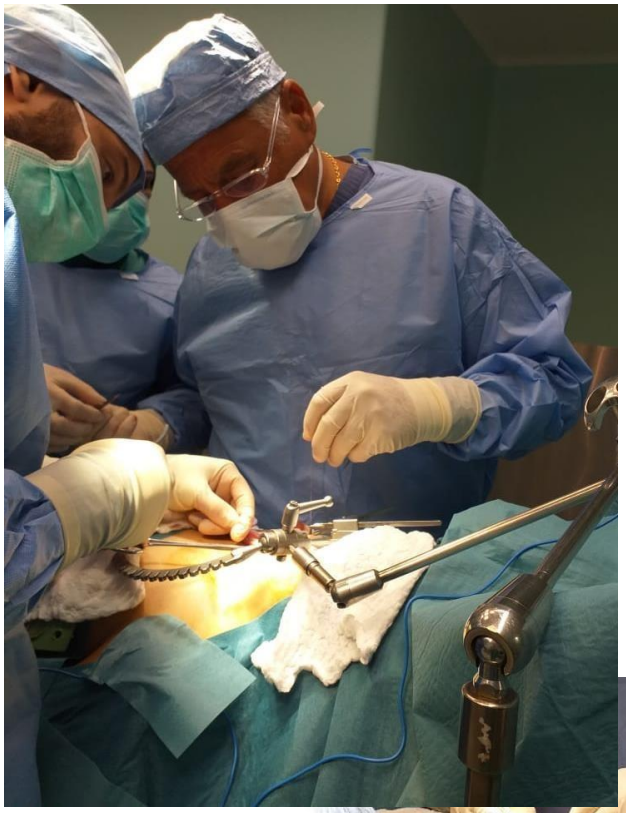


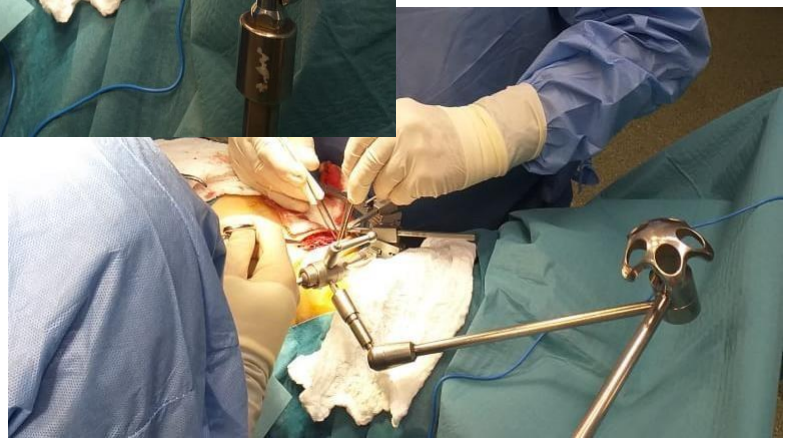


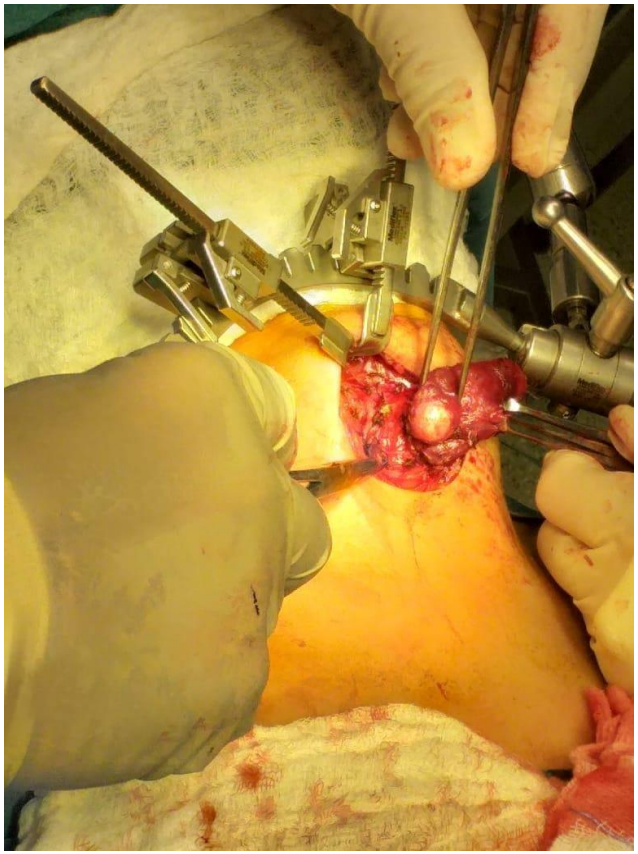


Mini-Bookler® TMR Systems
SURGICAL OVERVIEW

Dr. Ghafati | Hammoud Hospital University Med Ctr – Thyroidectomy



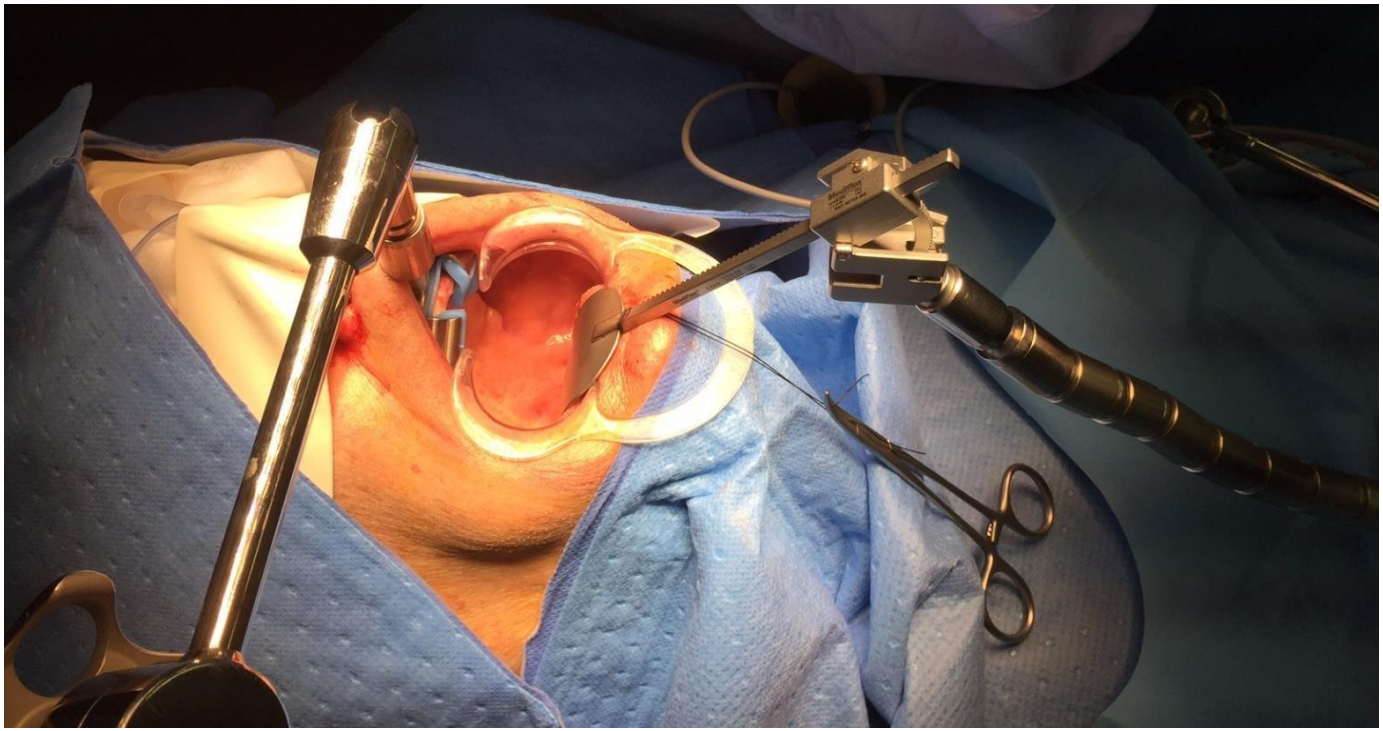




Mini-Bookler® TMR Systems
SURGICAL OVERVIEW

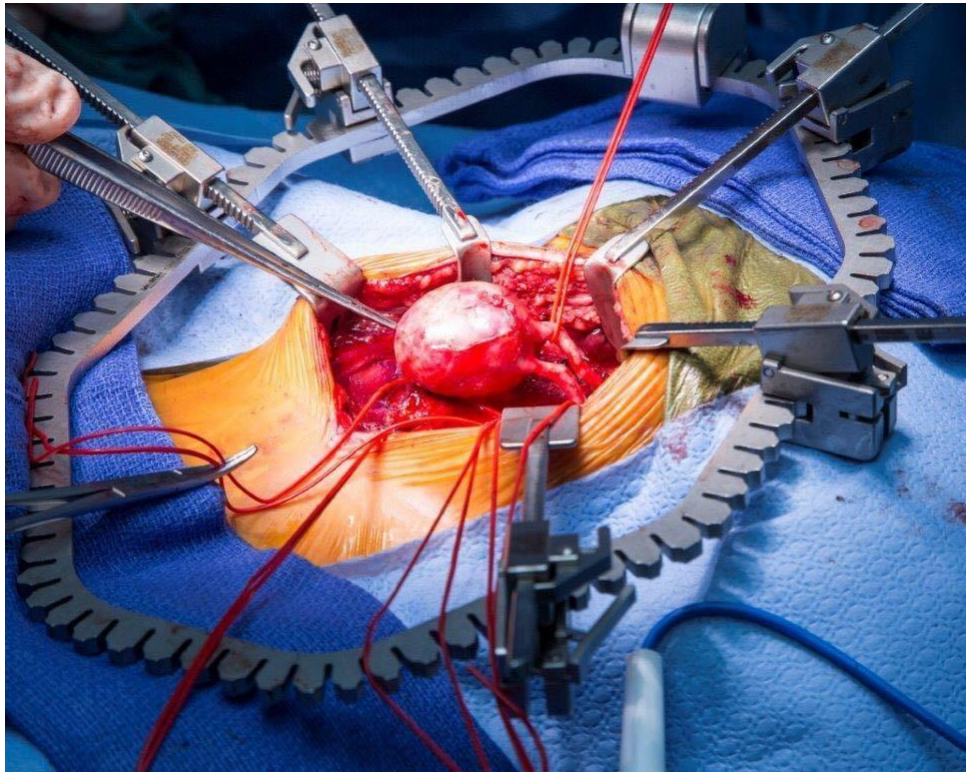
COMING SOON…

Trans-Oral Robotic Surgery (TORS)



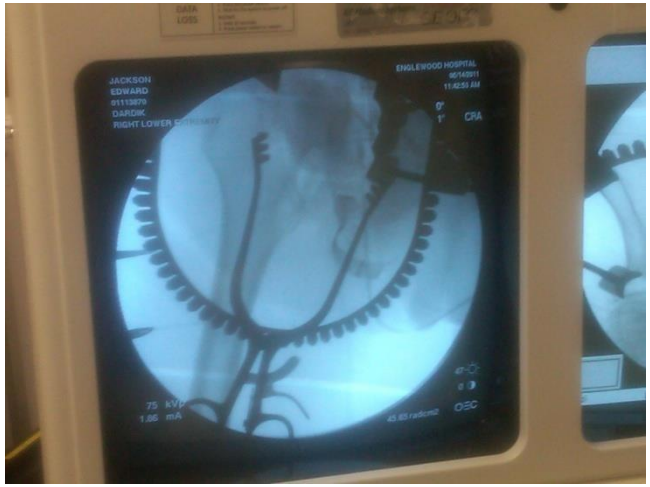
Mini-Bookler® TMR Systems

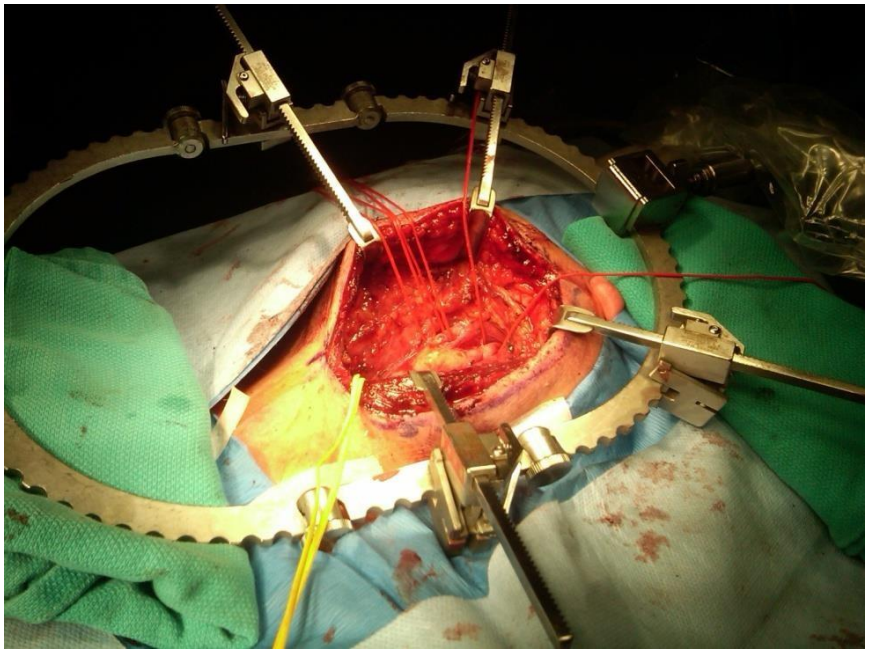
PRODUCT OVERVIEW

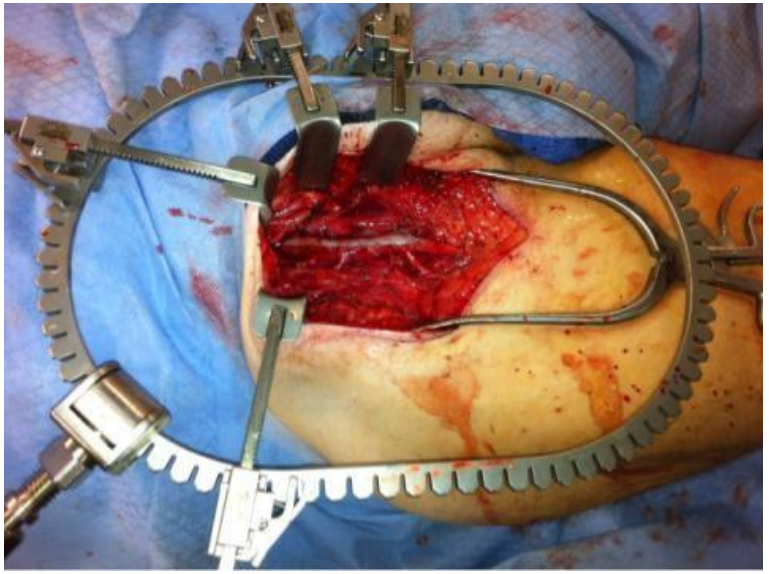


PRODUCT OVERVIEW

Femoral Endarterectomy







Mini-Bookler® TMR Systems
PRODUCT LINE OVERVIEW

ACCESSORY KIT

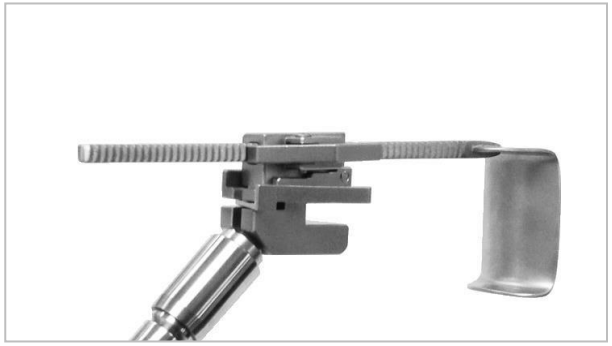


The “D.B.” Blade Kit #72227
(For Dennis Brown users)



Mini-Bookler® TMR Systems
PRODUCT LINE OVERVIEW

FlexArm™ Holders and Positioners





99054-QCLR
FlexArm Plus,
Long Reach Mount Post,
QC Fitting

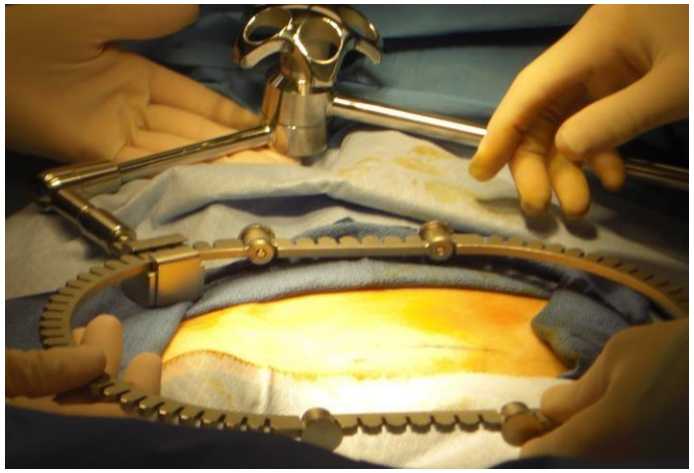


StrongArm™ Tips for Attachments

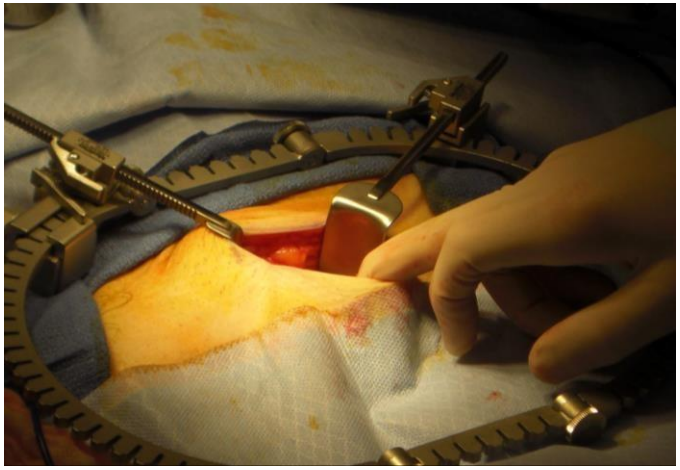


Mini-Bookler® TMR Systems
PRODUCT SET-UP

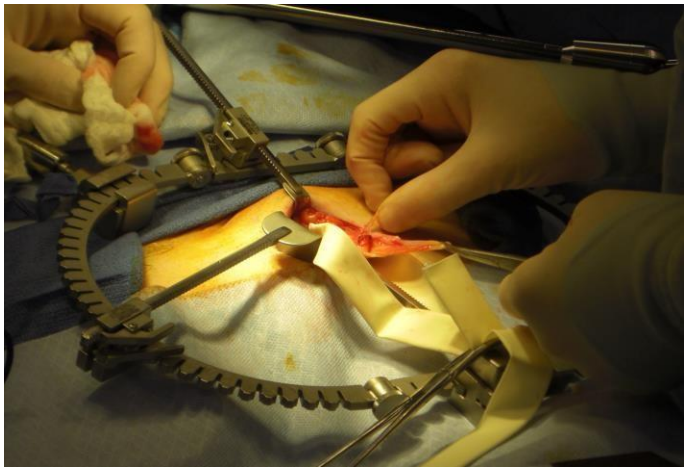
NOTE: The blades are held in place by the tension of the tissue



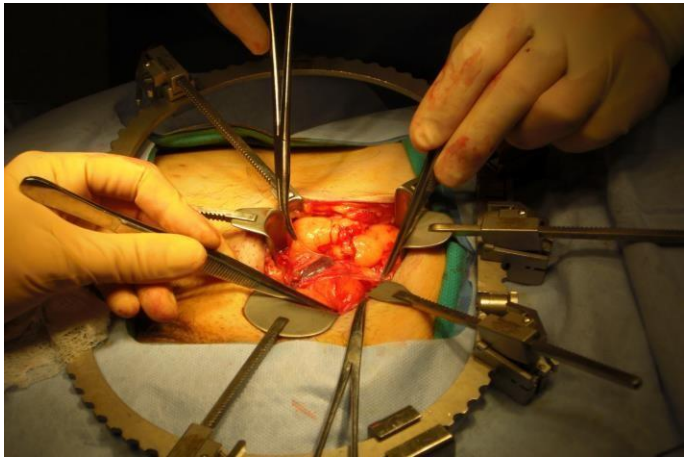
Attach the ring to be used into the jaws of the Horizontal Bar and tighten.



Insert a retractor blade into the ratchet - place the blade in the incision - attach the ratchet to the ring.



Continue to attach retractor blades/ratchets around the ring until satisfactory exposure us achieved.

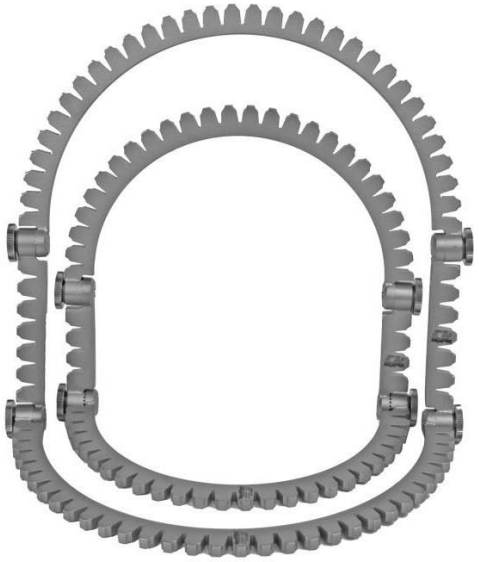


OPERATE

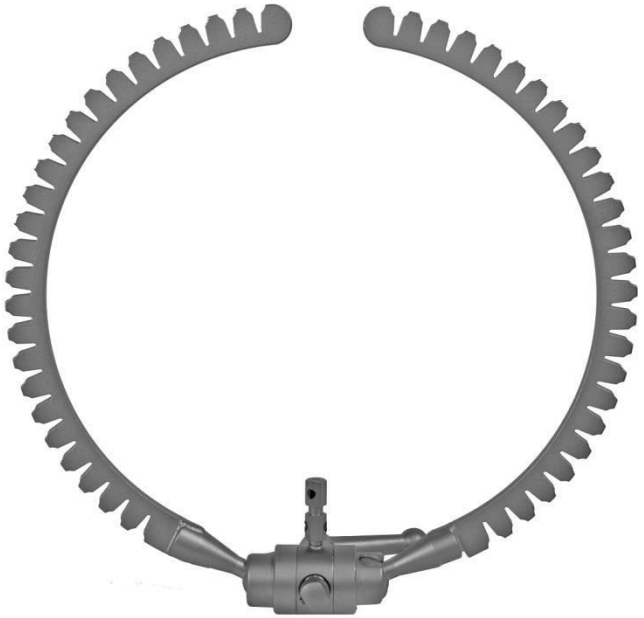
Small Incision Surgery

In Small Incision Surgery we are competing with disposable rings such as Lone Star.

As a result, all Mini-Bookler® Rings are made with notches for disposable, elasticized hooks.







Neo-Natal, Infant and Toddler Surgery

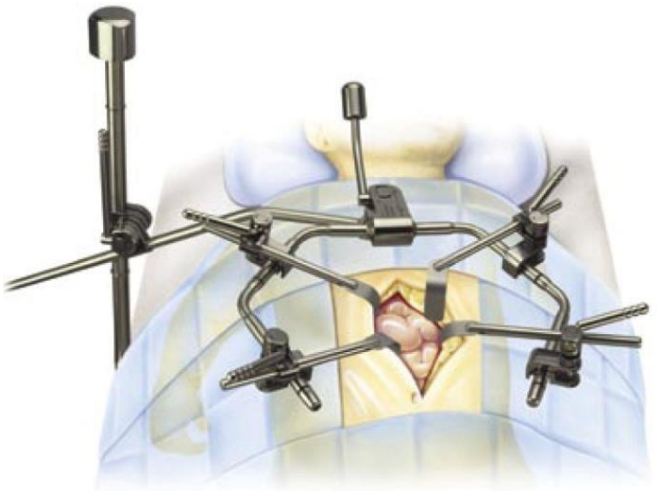
The Mini-Bookler® System has no direct competition!

“Indirect” competitors include:

Self-retaining Retractors; especially
“Baby” Balfours and Dennis Brown Systems



Adult Table Mounted Systems
with “smaller” blades



Mini-Bookler® TMR Systems
PRODUCT OVERVIEW

Remember:

When talking to Children's Hospitals, **in Addition** to the Mini-Bookler® Neo-natal and Toddler Systems:

We have "**Adolescent**" systems in full-sized Bookler® TMR's. (Pre-Teens and small Teens)

And "**Normal**" Bookler® TMR's (Teen-agers)

And "**Bariatric**" Bookler® TMR's (Obese Teen-agers)

Nobody can offer this range of Table Mounted Retractors to a Children's Hospital…

Nobody