

INNOMED

ORTHOPEDIC INSTRUMENTS



JANUARY
2021

Featuring many *New!* instruments throughout

Medial
Acetabular Retractors

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Modified Anterior
Hip Retractors

Page 12

Direct Anterior THA
Leg Positioner

Page 50

Zelcof Winged
Retractor

Page 19

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Hip Exposure & Positioning

What's New In This Catalog?

a snapshot of all the *New!* instruments within



Acetabular Retractors
with Large Handle
Page 24



Blades
with Teeth
Page 35



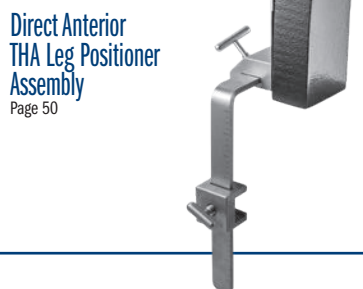
Chandran
Anterior Retractor for THR
Page 7



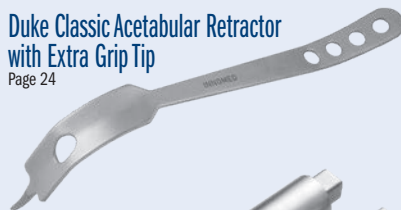
Curved Canal Rasps
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Deep Meyerding Retractor
with Ergonomic Handle
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Direct Anterior
THA Leg Positioner
Assembly
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Duke Classic Acetabular Retractor
with Extra Grip Tip
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Extension Set for
Anterior THR Tables
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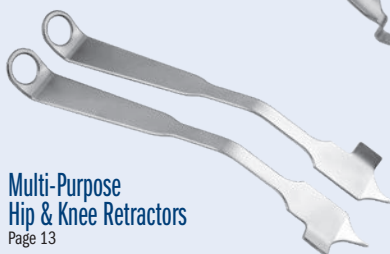
Infero-Posterior Acetabular
Retractor with Modular Handle
- Left and Right
Back Cover



Medial
Acetabular Retractors
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Modified Anterior Hip
Retractor - Wide Tip
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Multi-Purpose
Hip & Knee Retractors
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Narrow Cobra-style Retractor
with Large Handle
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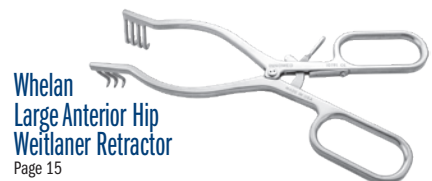
Stainless Steel
Ratchet Frame with
Arms and Blades Sets
Page 18



Whelan
Femoral Neck Elevator
Page 15



Whelan Narrow
Hohmann Retractor
Page 7



Whelan
Large Anterior Hip
Weitlaner Retractor
Page 19

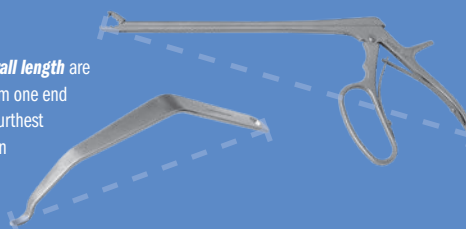


Zelcof Winged Retractor
Page 19

Measurements in this Catalog

All effort has been made to ensure the accuracy of the measurements listed in this catalog, however, some small differences may exist between actual and listed measurements.

Measurements of **overall length** are the linear distance from one end of the product to the furthest opposite end, as shown in these examples:



Measurements of **blade width** are the linear distance from one side of the product to the opposite side, typically at the widest point, as shown in this example:



Anterior Watson Jones Total Hip Arthroplasty System

*Instrument system specifically designed
for Direct Anterior approach THR*

PRODUCT NO'S:	
6300-00	[Complete Set]
Available Individually:	
6301-L	[Awl – Left]
Overall Length: 12.375" (31,5 cm)	
6301-R	[Awl – Right]
Overall Length: 12.375" (31,5 cm)	
6302-01	[Lighted Mueller Retractor]
Blade Width: 27 mm	
Handle Length: 5.5" (14 cm)	
Overall Length: 12.75" (32,4 cm)	
6303-01	[Wide Lighted Retractor]
Blade Width: 40 mm	
Blade Tip Length: 17 mm	
Overall Length: 12.75" (32,4 cm)	
6304-01	[Narrow Lighted Retractor]
Blade Width: 26 mm	
Blade Tip Length: 23 mm	
Overall Length: 16.5" (41,9 cm)	
6305	[90° Cobra Retractor]
Blade at Widest: 37 mm	
Blade Depth: 7.5" (19,1 cm)	
Blade Prong: 18 mm Long X 10 mm Wide	
Overall Length: 12.5" (31,8 cm)	
Handle Length: 9.5" (24,1 cm)	
6306	[Deep Hohmann Retractor]
Blade Width: 17 mm	
Prong Length: 34 mm	
Overall Length: 9.25" (23,5 cm)	
6307	[Straight Hohmann Retractor]
Prong Length: 4,2 cm	
Overall Length: 9.5" (24,1 cm)	
6308	[Femoral Starter Drill]
Drill Tip Dimensions: 18 mm Long X 12 mm Diameter	
Overall Length: 6" (15,2 cm)	
Shaft Length: 5.25" (13,3 cm)	



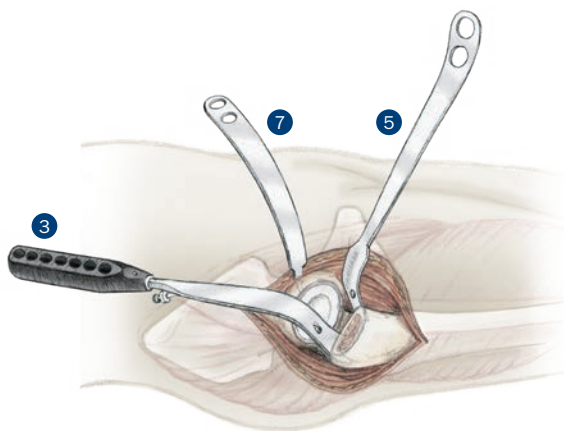
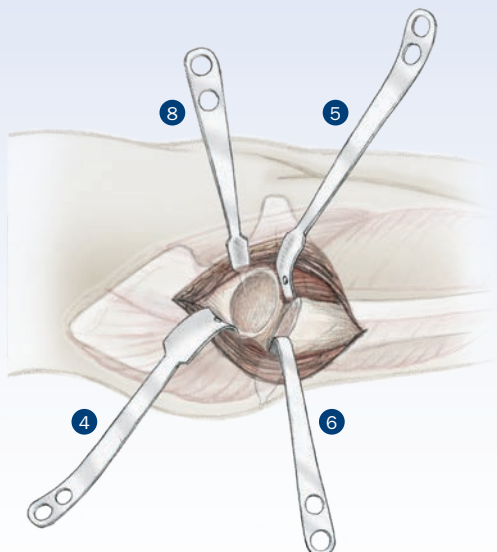
Lighted retractors attach to a fiber optic light cable with ACMI (female) connector and can be steam sterilized.

Optional quick-connect driver (NOT INCLUDED IN RETRACTOR SET) for use with the starter drill:

PRODUCT NO:	
8248	[Fixed Driver with Zimmer Hall Quick-connect]
Overall Length: 5.75" (15,6 cm)	
Handle Width: 4.625" (11,6 cm)	



Fixed Driver
with Zimmer Hall
Quick-connect



1 Awl – Left
#6301-L

2 Awl – Right
#6301-R

3 Lighted Mueller Retractor
#6302-01

4 Wide Lighted Retractor
#6303-01

5 Narrow Lighted Retractor
#6304-01

6 90° Cobra
Retractor
#6305

7 Deep Hohmann Retractor
#6306

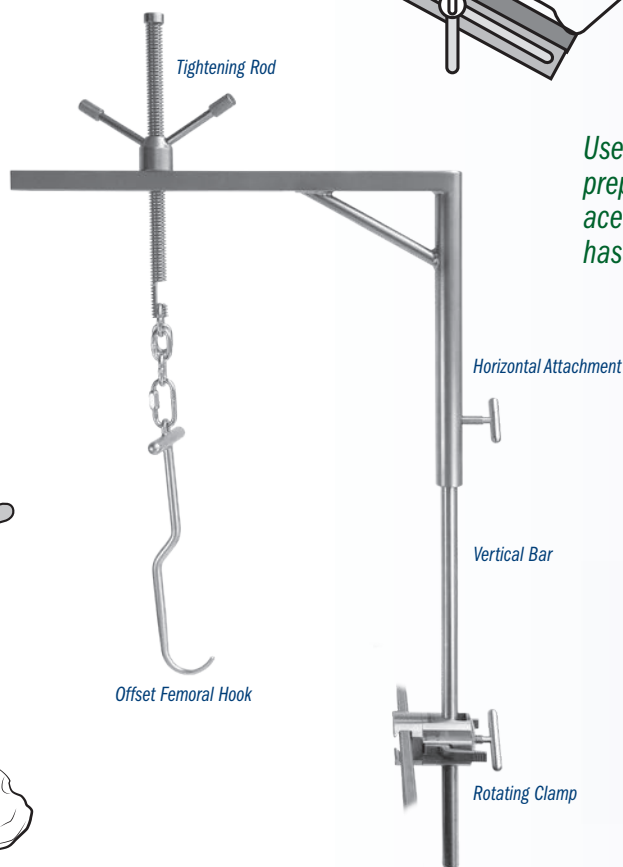
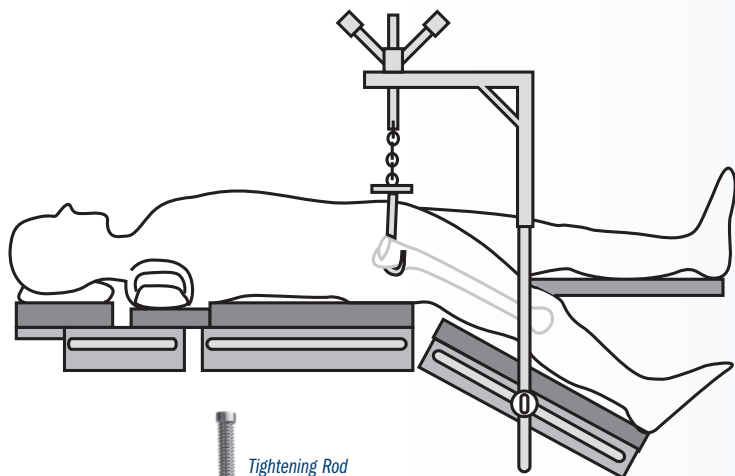
8 Straight Hohmann Retractor
#6307

9 Femoral Starter Drill with
Zimmer Hall Quick-connect
#6308

Wixson Anterior Suspension Hook System

Designed by Richard L. Wixson, MD

Designed for use with a standard operating room table, helps to facilitate elevation of the proximal femur during direct anterior approach THR



Used for femoral preparation after the acetabular component has been implanted

The system consists of:

- 1) A **rotating clamp** that can be attached to the operating table side rails over the drapes.
- 2) A **vertical bar** that fits into the clamp and comes above the side of the table.
- 3) A **horizontal attachment** that fits over the vertical bar and can swing over the wound.
- 4) A threaded **tightening rod** that inserts through a slot in the arm of the horizontal attachment and can be used to bring up the proximal femur.
- 5) A large **offset femoral hook** that can be placed above the lesser trochanter and around the posterior femoral neck and trochanter base. The handle of the hook has a chain to attach to the threaded tightening rod coming through the horizontal arm.

PRODUCT NO:

6245-00 [Complete Unit]

Replacement Parts:

6245-01 [Horizontal Attachment]

6245-02 [Tightening Rod]

6245-03 [Vertical Bar]

6245-04 [T-handle Bolt]

6245-05 [Offset Femoral Hook]

9125 [Rotating Table Clamp]

Complete unit includes:
Tightening rod, horizontal attachment, vertical bar, T-handle bolt, offset femoral hook, and rotating table clamp



Extension Set for Anterior THR Tables

Designed by David Ott, MD

Designed to add lift to the femoral hook during an anterior THR case and be able to remove without breaking the sterile field

PRODUCT NO'S:

8004-00 [Set of One Each]

Also available individually:

8004-S [Short Extension]

Extension Length: 2" (5,1 cm)
Overall Length: 3.625" (9,2 cm)

8004-L [Long Extension]

Extension Length: 3" (7,7 cm)
Overall Length: 2.6" (6,6 cm)



New!

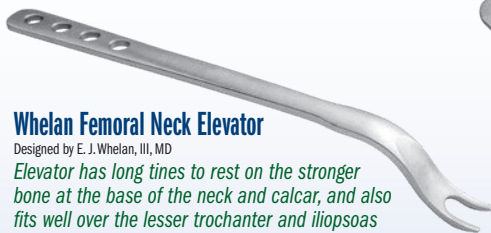


Basic Anterior Approach Instrument Set

A Basic Starter Set for the Direct Anterior Approach

Chosen by Edward J. Whelan III, MD

New!

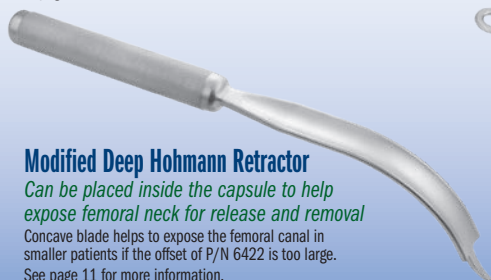


Whelan Femoral Neck Elevator

Designed by E. J. Whelan, III, MD

Elevator has long tines to rest on the stronger bone at the base of the neck and calcar, and also fits well over the lesser trochanter and iliopsoas tendon for femoral broaching

See page 13 for more information.

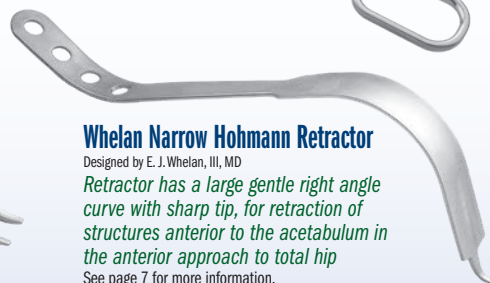


Modified Deep Hohmann Retractor

Can be placed inside the capsule to help expose femoral neck for release and removal

Concave blade helps to expose the femoral canal in smaller patients if the offset of P/N 6422 is too large.

See page 11 for more information.

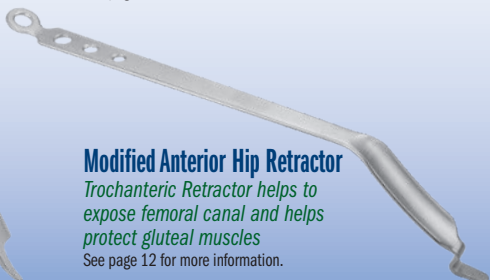


Whelan Narrow Hohmann Retractor

Designed by E. J. Whelan, III, MD

Retractor has a large gentle right angle curve with sharp tip, for retraction of structures anterior to the acetabulum in the anterior approach to total hip

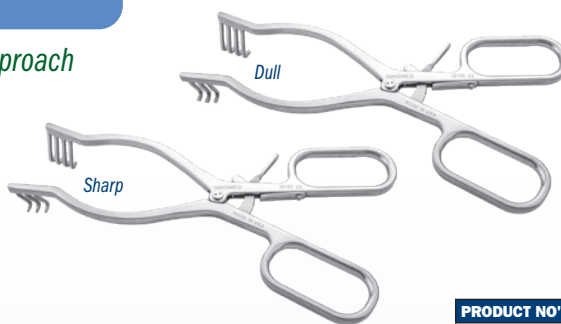
See page 7 for more information.



Modified Anterior Hip Retractor

Trochanteric Retractor helps to expose femoral canal and helps protect gluteal muscles

See page 12 for more information.



Whelan Large Anterior Hip Weitlaner Retractor with Ergonomic Handle

Designed by E. J. Whelan, III, MD

Designed for self-retaining exposure during anterior approach THA

See page 15 for more information.



PRODUCT NO'S:

6165-00 [Basic Anterior Approach Instrument Set]
Set includes (2) #6162 and (1) of the other instruments shown below

Set Includes / Available Individually:

1576-B [Whelan Large Weitlaner Retractor – Blunt]
Overall Length: 9" (22,9 cm)
Blade Depth: 1" (2,54 cm)

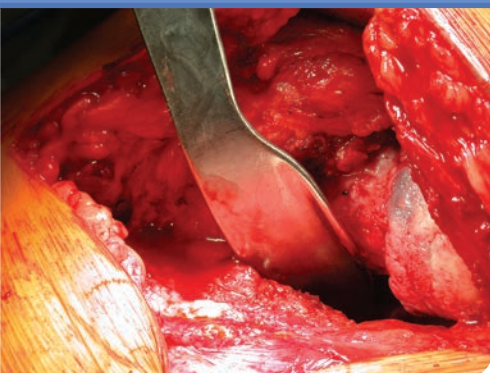
1576-S [Whelan Large Weitlaner Retractor – Sharp]
Overall Length: 9" (22,9 cm)
Blade Depth: 1" (2,54 cm)

3414 [Whelan Femoral Neck Elevator]
Overall Length: 13.75" (34,9 cm)
Depth from Bend: 1.5" (3,8 cm)
Blade Width: 2,4 cm

6162 [Modified Deep Hohmann Retractor]
(2) included in set, (1) only with this product number
Overall Length: 14.5" (36,9 cm)
Blade Width: 25 mm

7116 [Whelan Narrow Hohmann Retractor]
Overall Length: 13.25" (33,7 cm)
Depth from Bend: 4.5" (11,4 cm)
Blade Width: 2,4 cm

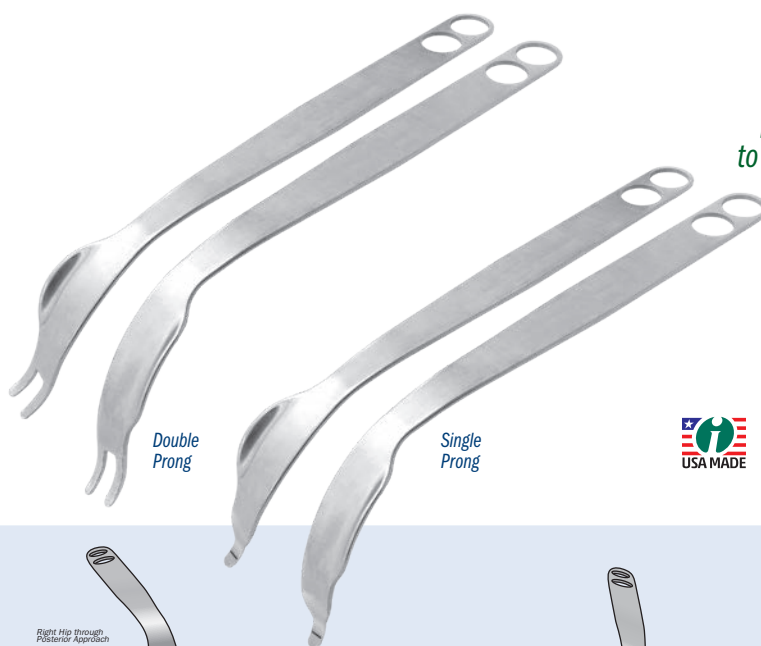
6422 [Modified Anterior Hip Retractor – Wide Tip]
Overall Length: 15.75" (40 cm)
Blade Width: 1.15" (3 cm)



Flared Cobra Retractors

Designed by Henry Boucher, MD

Single prong design modification by Walter Frueh, MD



Left and right retractors can be used with the anterior, posterior or lateral approach to help expose the acetabulum in total hip surgery

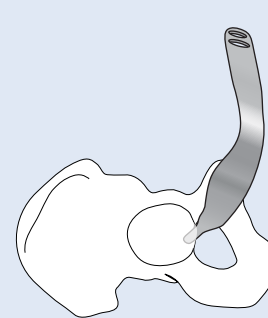
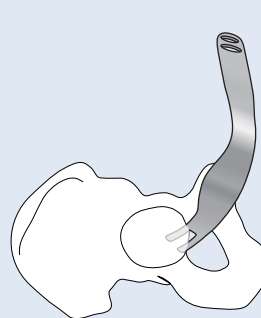
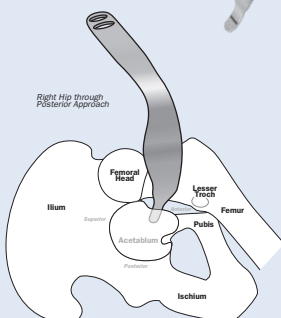
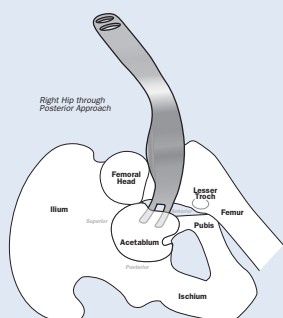
PRODUCT NO'S:

6110-01 [Double Prong – Right]
Overall Length: 15" (38 cm)

6110-02 [Double Prong – Left]
Overall Length: 15" (38 cm)

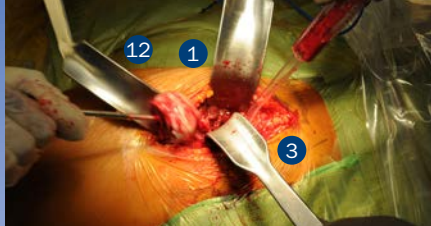
6109-L [Single Prong – Left]
Overall Length: 15" (38 cm)

6109-R [Single Prong – Right]
Overall Length: 15" (38 cm)



POSTERIOR APPROACH: Placed over the anterior acetabular wall for supero-anterior translation of the femoral head and neck during acetabular preparation. The prong(s) pierce the capsule over the anterior wall, then the curve and "twist" of the retractor allows for gentle retraction on the femoral neck.

ANTERIOR APPROACH: Placed inferior to the trans-acetabular ligament during exposure and preparation of the acetabular component. The curve and "twist" of the retractor allow for gentle retraction of the medial and inferior soft tissues and skin. Helps provide easier retraction for the assistant on the other side of the operating table.



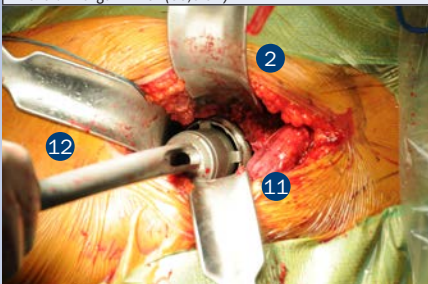
PRODUCT NO'S:

3001 [Unger Wide Hohmann-Single Prong]
Blade Width: 44 mm
Blade Depth: 5" (12,7 cm)
Overall Length: 13.5" (34,3 cm)

3008 [Unger Wide Hohmann-Double Prong]
Blade Width: 44 mm
Blade Depth: 5" (12,7 cm)
Overall Length: 13.5" (34,3 cm)

3002 [Unger Narrow Hohmann]
Blade Width: 34 mm
Blade Depth: 4" (10,2 cm)
Overall Length: 13" (33 cm)

3003 [Unger Blunt Narrow Cobra]
Blade Width: 34 mm
Blade Width at Tip: 12 mm
Blade Depth: 5.25" (13,3 cm)
Overall Length: 14.5" (36,9 cm)



3004 [Unger Canal Finder Rasp-Straight]
Overall Length: 11" (27,9 cm)
Handle Length: 5" (12,7 cm)

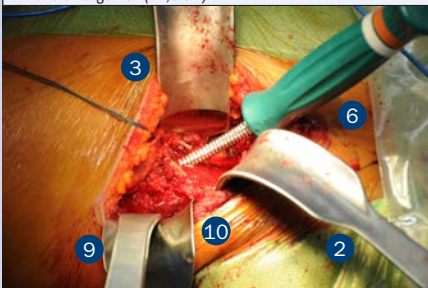
3004-01 [Unger Canal Finder Rasp-Curved]
Overall Length: 11" (27,9 cm)
Handle Length: 5" (12,7 cm)

3004-02 [Unger Canal Finder Rasp-Curved with Smooth Proximal]
Overall Length: 11" (27,9 cm)
Handle Length: 5" (12,7 cm)

3005-R [Unger Box Osteotome-Right]
Overall Length: 12" (30,5 cm)

3005-L [Unger Box Osteotome-Left]
Overall Length: 12" (30,5 cm)

3006 [Unger Femoral Neck Elevator]
Blade Width at Widest: 25 mm
Overall Length: 13" (33 cm)
Handle Length: 9" (22,9 cm)



3007 [Unger Soft Tissue Protector]
Blade Width: 50 mm
Overall Length: 1.75" (4,4 cm)
Handle Length: 10.125" (25,7 cm)

3009-R [Unger Offset Narrow Hohmann-Right]
Blade Width: 34 mm
Overall Depth: 4" (10,2 cm)
Overall Length: 13" (33 cm)

3009-L [Unger Offset Narrow Hohmann-Left]
Blade Width: 34 mm
Overall Depth: 4" (10,2 cm)
Overall Length: 13" (33 cm)

Optional Instruments:

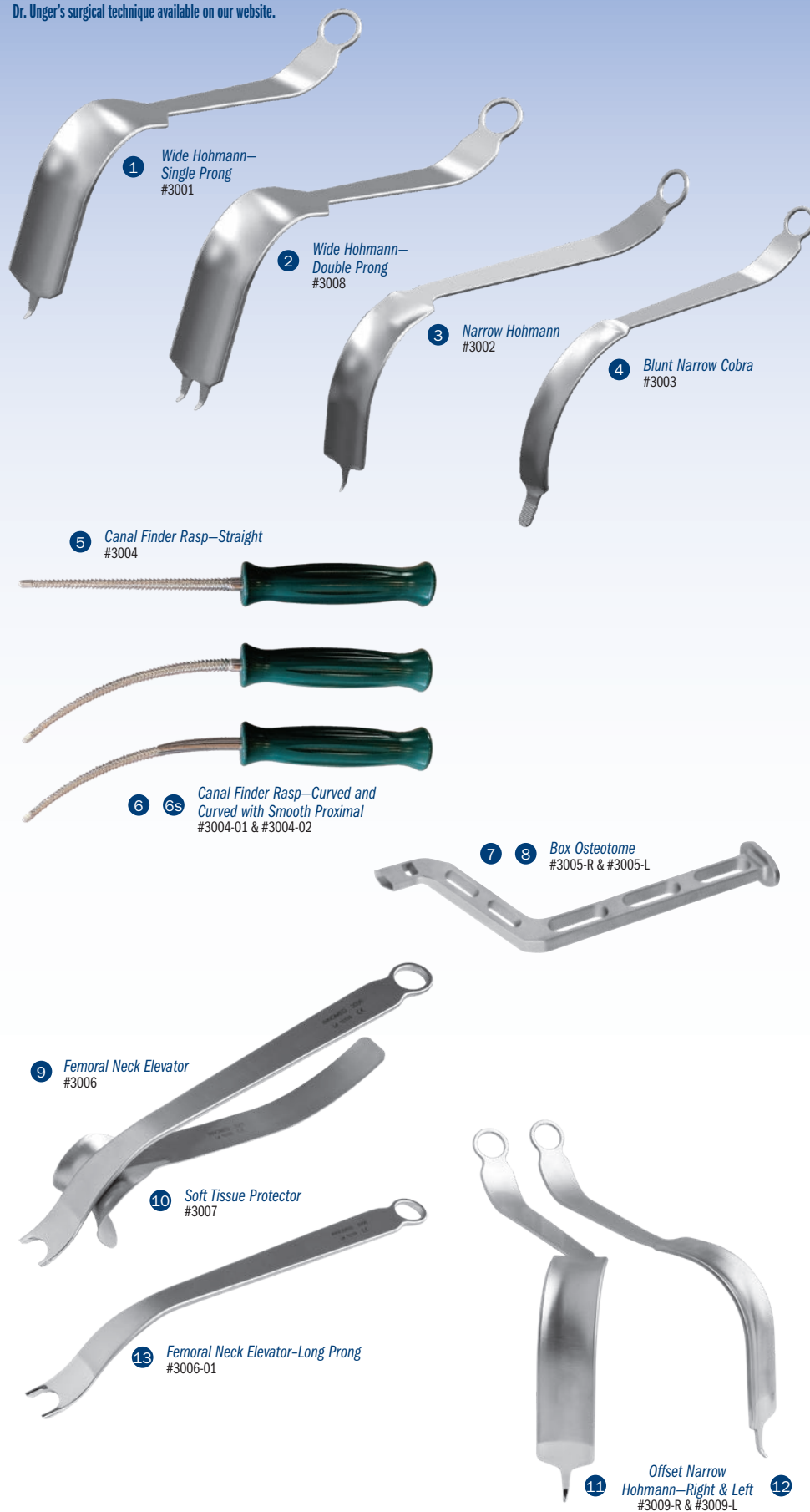
3006-01 [Femoral Neck Elevator-Long Prong]
Blade Width at Widest: 25 mm
Overall Length: 13.4" (34 cm)
Handle Length: 9" (22,9 cm)

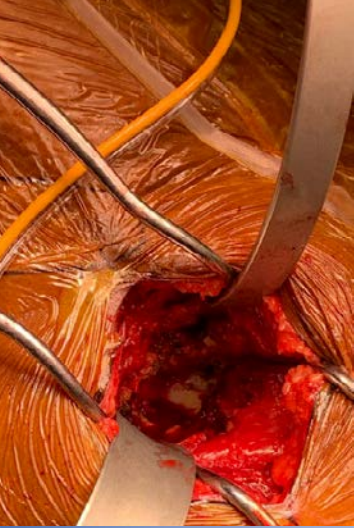
Unger Anterior Total Hip Instruments

Designed by Anthony Unger, MD

Universal instrument system specifically designed for Direct Anterior approach THR

Dr. Unger's surgical technique available on our website.





Chandran Anterior Retractor for THR

Designed by Rama E. Chandran, MD

Design helps to prevent displacement of the retractor while reaming the acetabulum during direct anterior total hip replacement

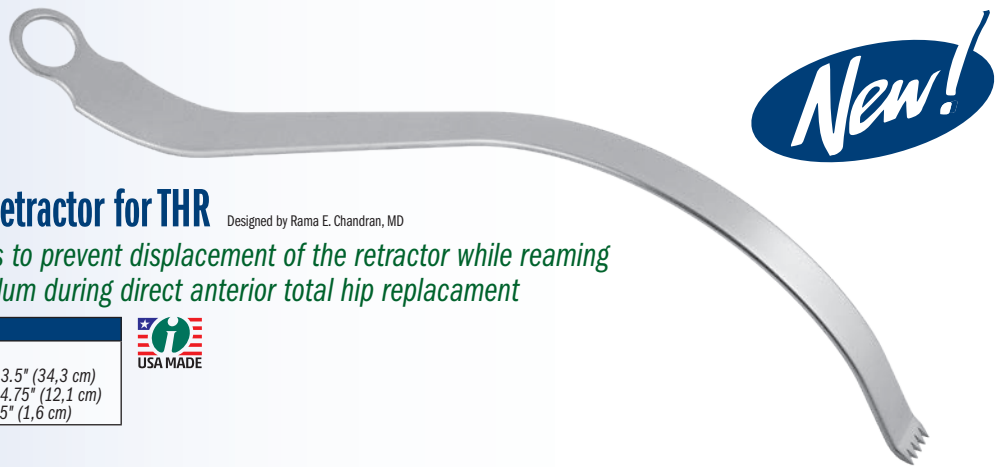
PRODUCT NO:

6311

Overall Length: 13.5" (34.3 cm)

Depth from Flat: 4.75" (12.1 cm)

Blade Width: .625" (1.6 cm)



New!

Whelan Narrow Hohmann Retractor

Designed by Edward J. Whelan III, MD

Retractor has a large gentle right angle curve with sharp tip, for retraction of structures anterior to the acetabulum in the anterior approach to total hip

Helps allow for visibility without undue pressure or traction on the femoral nerve or vessels.

PRODUCT NO:

7116

Overall Length: 13.25" (33.7 cm)

Depth from Bend: 4.5" (11.4 cm)

Blade Width: 2.4 cm



New!

Sinha Retractor for Acetabular Reaming

Design modification by Ajoy K. Sinha, MD

Designed to retract and protect the femur while preparing the acetabulum for reaming during antero-lateral approach total hip surgery

After the femur is prepared and the broach has been placed, the Sinha retractor is placed on the infero-lateral aspect of the acetabulum with the neck of the broach projecting through the large hole in the retractor blade. This serves to displace the femur posteriorly and to help protect the greater trochanter while acetabular reaming is conducted.

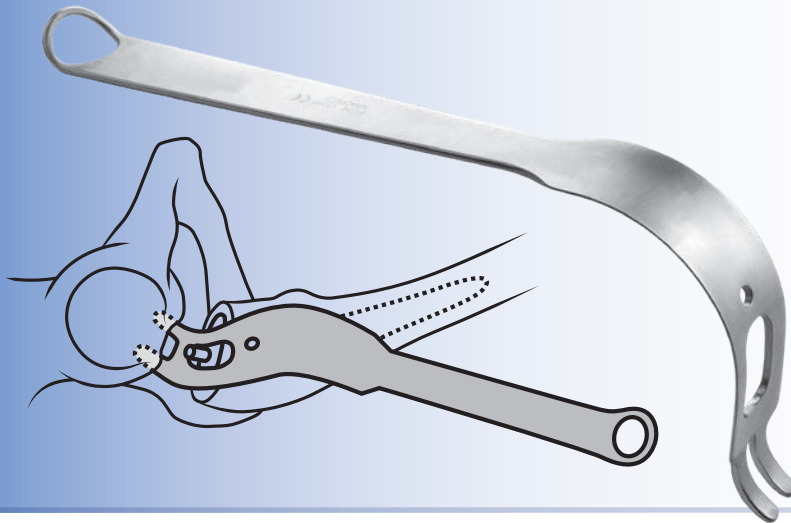
PRODUCT NO:

6174

Overall Length: 12.5" (31.8 cm)

Blade Width: 32 mm

Hole: 18 mm W x 33 mm H



Stowell Modified Posterior Acetabular Retractor

Designed by R.L. Stowell, MD

Designed to be placed along the posterior rim of the acetabulum to facilitate exposure and acetabular preparation

PRODUCT NO:

7330

Overall Length: 14.5" (36.9 cm)

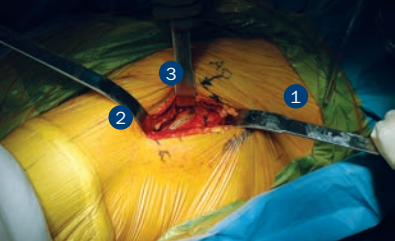
Handle Length: 5.25" (13.3 cm)

Blade Depth: 4" (10.4 cm)

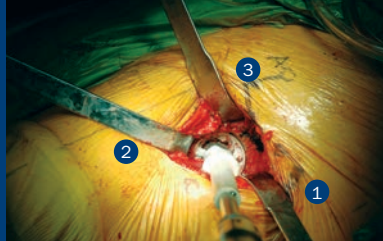
Blade Width: 2.75" (7 cm)

Prongs: 8 mm Wide x 6 mm Long





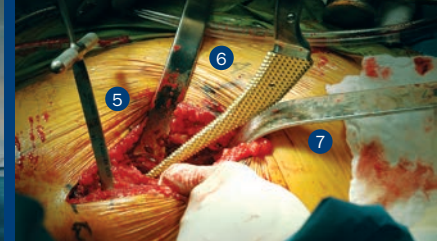
Exposure of the hip joint & removal of the femoral head



Acetabular exposure, reaming and cup insertion



Table Assembly/Elevator Hook for femoral access



Femoral broaching and stem insertion

Das/Seng Anterior Total Hip Instruments

Designed by Amal Das, MD and Brian Seng, DO

Retractor set with included table-mounted controlled-release ratcheting elevator hook, specifically designed to help simplify anterior approach total hip arthroplasty

Surgical technique available on our website.



1 Posterior Femoral Neck / Inferior Acetabular Rim Retractor #6221

2 Anterior Femoral Neck / Anteromedial Rim Retractor #6222

3 Anterolateral Acetabular Rim Retractor #6223

6 Femoral Calcar Retractor #6227

7 Greater Trochanteric Retractor #6225



Table Mounted Hook Hoist #6226-TA

5 Proximal Femoral Hook #6226-RH



PRODUCT NO'S:	
6226-00	[Complete Set]
Set Includes / Available Individually:	
1	6221 [#1 - Posterior Femoral Neck / Inferior Acetabular Rim Retractor] Blade Width: 25 mm Blade Depth: 3" (7,6 cm) Overall Length: 14" (35,6 cm)
2	6222 [#2 - Anterior Femoral Neck / Anteromedial Rim Retractor] Blade Width: 31.5 mm, 10 mm @ Tip Blade Depth: 4.5" (10,2 cm) Overall Length: 15" (38,1 cm)
3	6223 [#3 - Anterolateral Acetabular Rim Retractor] Blade Width: 18 mm Blade Depth: 3.25" (8,3 cm) Overall Length: 10" (25,4 cm)
4	6226-TA [#4 - Table Mounted Hook Hoist] This product number includes one 6226-RH Elevator Hook Folds to approx: 21" x 5" x 5" (53,4 cm x 12,7 cm x 12,7 cm)
5	6226-RH [#5 - Proximal Femoral Hook] Blade Depth from T-Handle: 7.5" (19,1 cm) Overall Length: 9.25" (23,5 cm)
6	6227 [#6 - Femoral Calcar Retractor] Blade Width: 25 mm Blade Depth: 2" (5,1 cm) Overall Length: 14.5" (36,9 cm)
7	6225 [#7 - Greater Trochanteric Retractor] Blade Width: 25 mm Blade Depth: 1.5" (3,8 cm) Overall Length: 14.875" (37,8 cm)
Optional Instruments (not included in set):	
	6226-EH [Flat Proximal Femoral Hook] Blade Depth from T-Handle: 7.5" (19,1 cm) Overall Length: 9.25" (23,5 cm)

O'Reilly Dual Handle Direct Anterior Retractor

Designed by Michael P. O'Reilly, MD

Can be used in MIS/Direct Anterior, Total Hip Arthroplasty, Posterior/Anterolateral THA, and Hemiarthroplasty.

PRODUCT NO:

3011

Overall Length: 13.25" (33,7 cm)
Blade Depth: 4.25" (10,8 cm)
Blade Width: 1" (2,5 cm)



Designed for use over the anterior pelvic rim during acetabular exposure in direct anterior THA, the dual handle design allows for use in both right and left hips, as well as easy exchange of the instrument between assistants



Jana Lighted Cobra Retractor

Designed by Ajoy K. Jana, MD

Designed to enhance exposure & visualization

Excellent for use in acetabular exposure and total hip replacements. Especially useful for the anterior approach. The retractor comes with one (1) Disposable LED Light Source (#8010-01), and can also be attached to a fiber optic light cable with ACMI (female) connector. The retractor can be steam sterilized.

PRODUCT NO:

6119-L-01

Overall Length: 14.75" (37,5 cm)
Blade at Widest: 33 mm



Lighted retractor comes with one (1) Disposable LED Light Source (#8010-01).

Disposable LED Light Source

PRODUCT NO'S:

8010-01 PACKAGE OF 1

8010-10 PACKAGE OF 10



APC Hip Retractor Series

Designed by APC, Inc.

Used to help provide wide exposure of the acetabulum

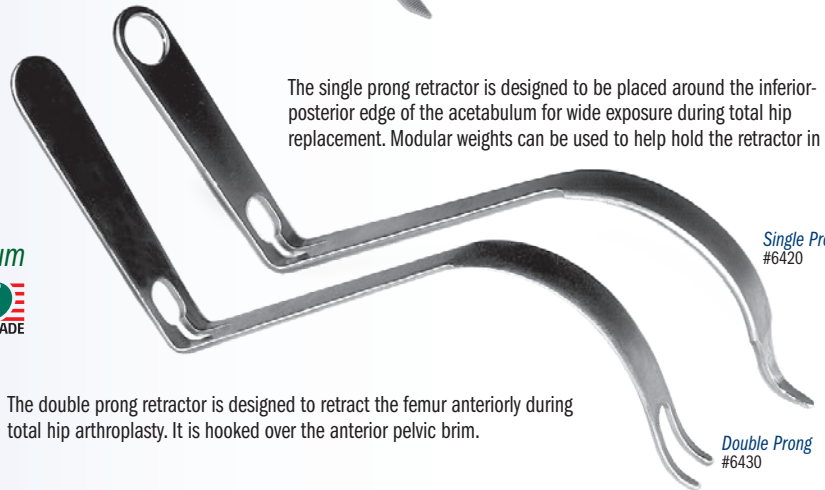
PRODUCT NO'S:

6420 [Single Prong]

Overall Length: 14" (35,6 cm)
Blade Width: 22 mm

6430 [Double Prong]

Overall Length: 14" (35,6 cm)
Blade Width: 24 mm

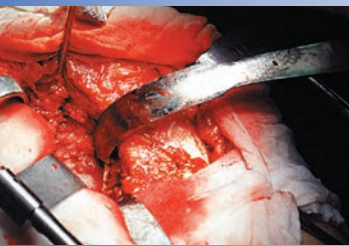
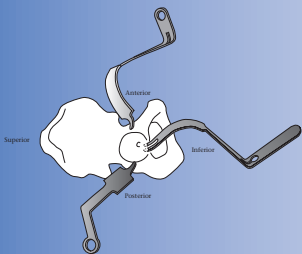


Single Prong
#6420

Double Prong
#6430

The single prong retractor is designed to be placed around the inferior-posterior edge of the acetabulum for wide exposure during total hip replacement. Modular weights can be used to help hold the retractor in place.

The double prong retractor is designed to retract the femur anteriorly during total hip arthroplasty. It is hooked over the anterior pelvic brim.



Posterior Acetabular Retractor

Designed by Amal Das, MD and Brian Seng, DO

Designed for posterior acetabular retraction during anterior approach total hip replacement surgery

PRODUCT NO:

6224

Blade Width: 25 mm
Blade Depth: 2.75" (7 cm)
Overall Length: 14" (35,6 cm)



Moran Posterior-Inferior Retractor

Designed by Michael C. Moran, MD

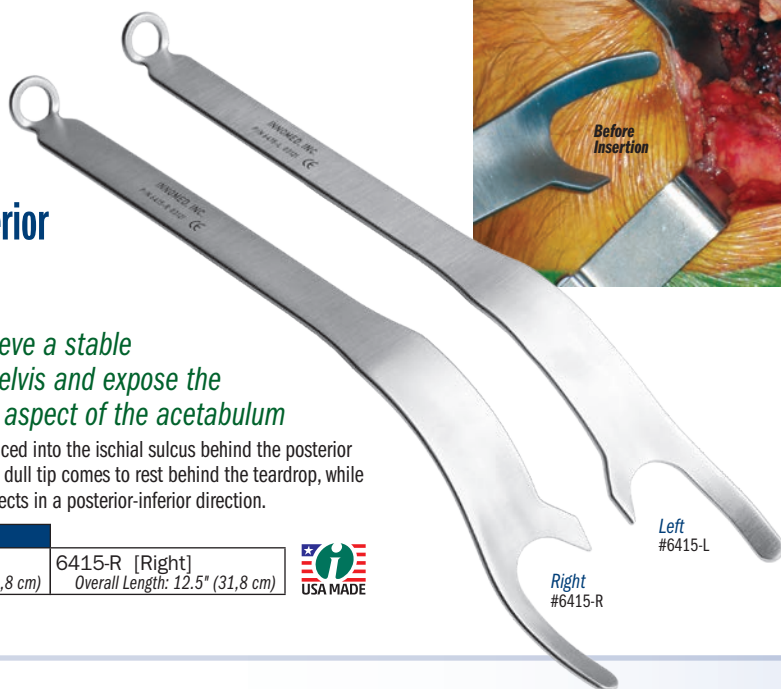
Designed to achieve a stable position on the pelvis and expose the posterior-inferior aspect of the acetabulum

The short sharp tip is placed into the ischial sulcus behind the posterior acetabular rim. The long dull tip comes to rest behind the teardrop, while the retractor handle projects in a posterior-inferior direction.

PRODUCT NO'S:

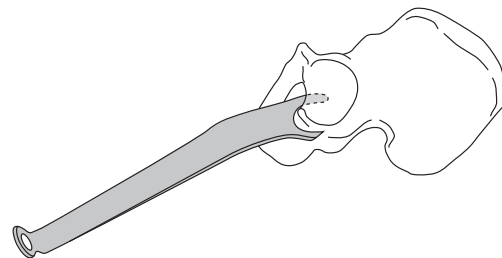
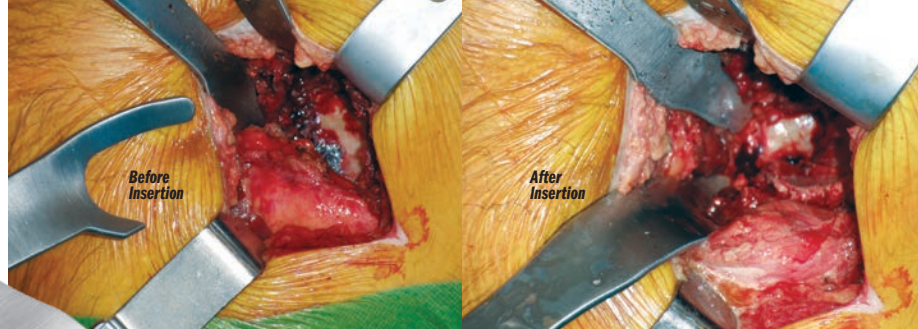
6415-L [Left]
Overall Length: 12.5" (31,8 cm)

6415-R [Right]
Overall Length: 12.5" (31,8 cm)



Left
#6415-L

Right
#6415-R



Duke Classic Inferior Retractors with Extra Grip Tip

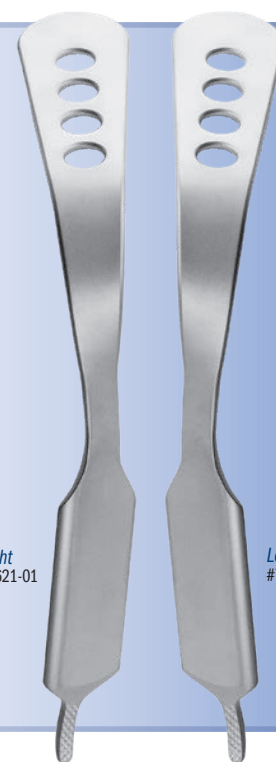
Designed by Justin Duke, MD

An inferior acetabular retractor designed for total hip arthroplasty while prepping the acetabulum

PRODUCT NO'S:

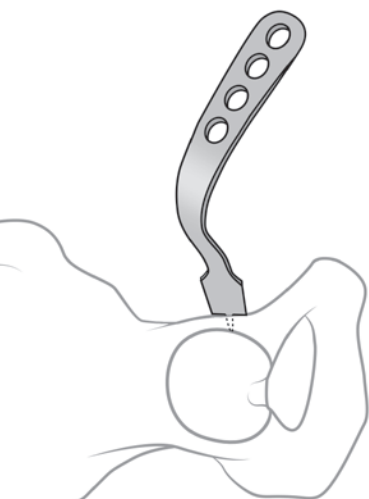
7621-01 [Left]
Overall Length: 10.25" (26 cm)
Handle Length: 5" (12,7 cm)
Depth: 7.5" (19,1 cm)
Blade Length: 2.75" (7 cm)
Blade Width: 1.125" (2,9 cm)
Prong Length: 1" (2,5 cm)
Prong Width: 6 mm

7621-02 [Right]
Overall Length: 10.25" (26 cm)
Handle Length: 5" (12,7 cm)
Depth: 7.5" (19,1 cm)
Blade Length: 2.75" (7 cm)
Blade Width: 1.125" (2,9 cm)
Prong Length: 1" (2,5 cm)
Prong Width: 6 mm



Right
#7621-01

Left
#7621-02



Jeffers Hip Retractor

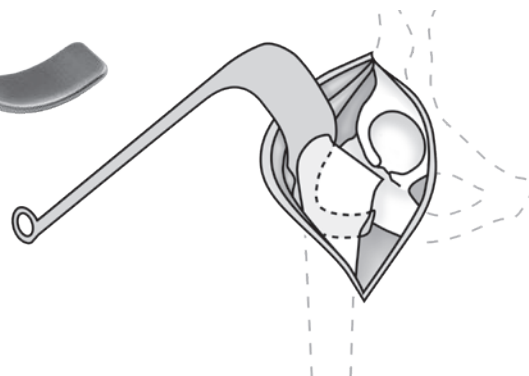
Designed by Andrew Jeffers, MD

For use during the anterior approach, this retractor is designed to help protect the TFL from laceration during acetabular preparation in addition to maximizing exposure

Used with or without a weight, it is placed over the TFL and vastus lateralis and under the femur. The broad surface helps to gently retract the TFL and vastus away from the reamer path.

PRODUCT NO:

6384
Overall Length: 9.5" (24,1 cm)
Depth: 6.5" (16,5 cm)
Blade Width at Top: 1.8" (4,6 cm)
Blade Width at Bottom: .8" (2 cm)





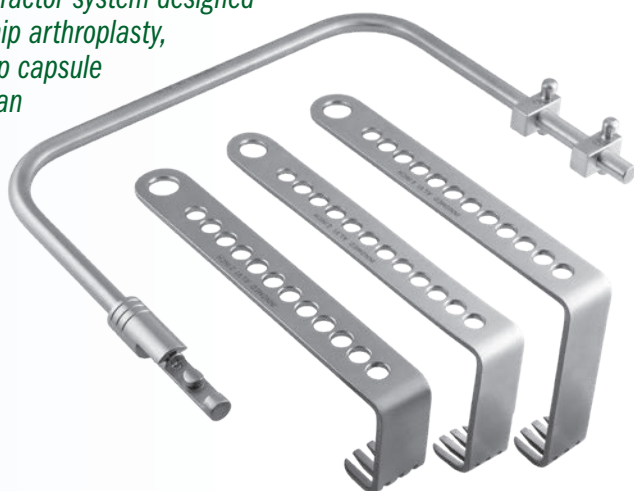
PRODUCT NO'S:
7425-00 [Set]
Also available individually:
7425-01 [Small Charnley Style Locking Frame] Dimensions: 9" x 7" (22,9 cm x 17,8 cm)
7425-02 [2" Tapered Blade] Blade Depth: 2" (5,1 cm) Handle Length: 7" (17,8 cm) Blade Width: 1" (2,54 cm)
7425-03 [3" Tapered Blade] Blade Depth: 3" (7,6 cm) Handle Length: 7" (17,8 cm) Blade Width: 1" (2,54 cm)
7425-04 [4" Tapered Blade] Blade Depth: 4" (10,2 cm) Handle Length: 7" (17,8 cm) Blade Width: 1" (2,54 cm)

Alvi Small Charnley Style Locking Frame Set

Designed by Hasham Alvi, MD

A self-retaining frame and retractor system designed for use during anterior total hip arthroplasty, the blades help retract the hip capsule and musculature, permitting an unobstructed view of the acetabulum while freeing an assistant

Set comes with locking frame and one each of the three blade sizes.

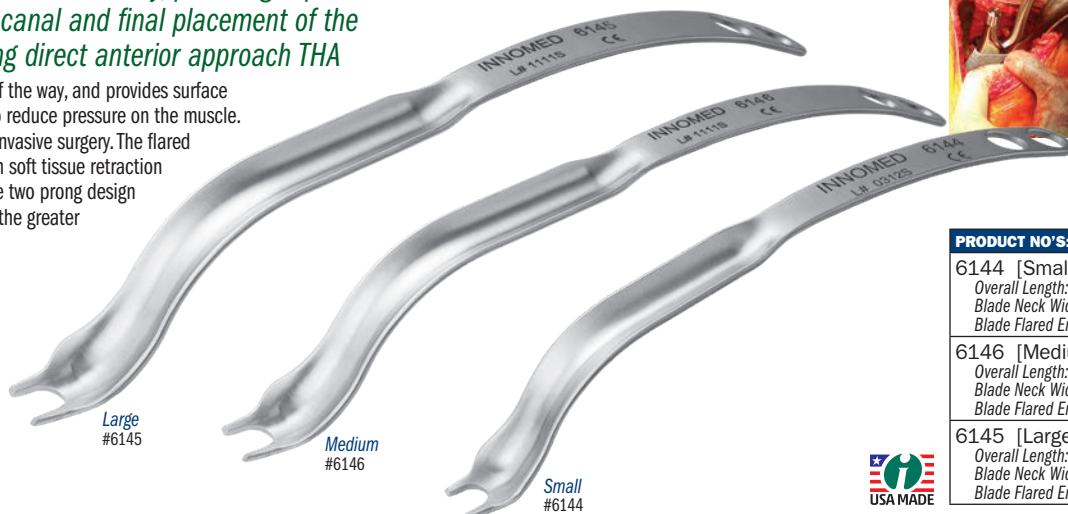
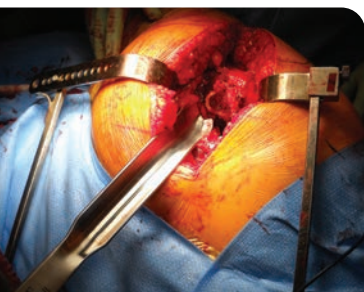


Bozeman Direct Anterior THA Femoral Elevator

Designed by Daniel M. Gannon, MD

Designed to elevate the femur anteriorly, providing exposure to allow broaching of the femoral canal and final placement of the femoral component, during direct anterior approach THA

Helps to retract the TFL muscle out of the way, and provides surface area for the fulcrum effect, helping to reduce pressure on the muscle. Narrow designs helpful in minimally invasive surgery. The flared end joins the prongs to help maintain soft tissue retraction away from the broach teeth, while the two prong design helps placement lateral to the tip of the greater trochanter and elevates the femur.



PRODUCT NO'S:
6144 [Small] Overall Length: 11.5" (29,2 cm) Blade Neck Width: 26,1 mm Blade Flared End Width: 30,1 mm
6146 [Medium] Overall Length: 13.5" (34,3cm) Blade Neck Width: 29,8 mm Blade Flared End Width: 34,7 mm
6145 [Large] Overall Length: 15.5" (39,4 cm) Blade Neck Width: 33,6 mm Blade Flared End Width: 39,3 mm

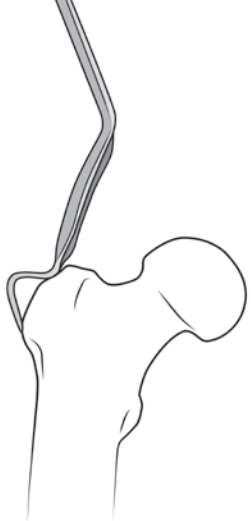


Modified Anterolateral Retractor Set

Used for anterior MIS hip surgery



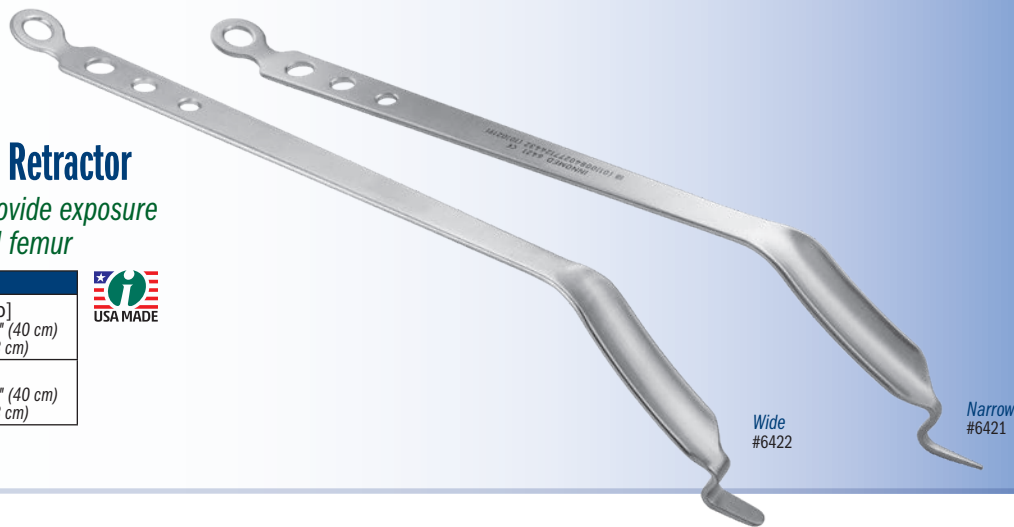
PRODUCT NO'S:
6161-00 [Set] Set includes: (2) 6162, (1) 6163, (1) 6164
Also available individually:
6162 [Modified Deep Hohmann Retractor] (2) included in set, (1) only with this product number Overall Length: 14.5" (36,9 cm) Blade Width: 25 mm
6163 [Modified Small Hohmann Retractor] Overall Length: 8.5" (21,6 cm) Blade Width: 18 mm
6164 [Modified Mueller Retractor] Overall Length: 15.25" (38,8 cm) Blade Width: 25 mm



Modified Anterior Hip Retractor

Designed to provide exposure of the proximal femur

PRODUCT NO:	
6421	[Narrow Tip]
Overall Length: 15.75" (40 cm)	
Blade Width: 1.15" (3 cm)	
6422	[Wide Tip]
Overall Length: 15.75" (40 cm)	
Blade Width: 1.15" (3 cm)	



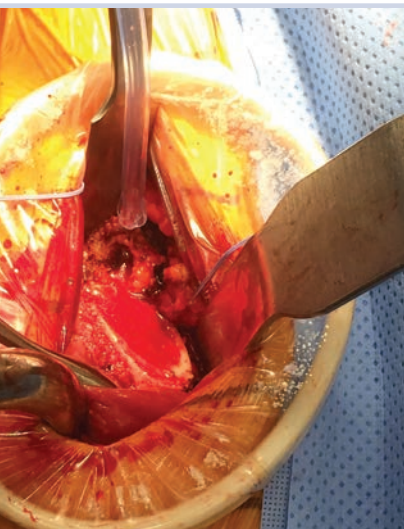
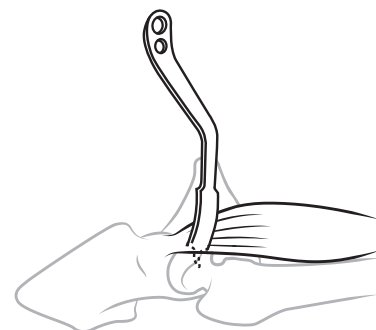
Alvi Modified Hohmann Retractor

Designed by Hasham Alvi, MD

Designed for use during minimally invasive anterior hip replacement surgery, the retractor is placed through the capsule, into the femoral head, allowing for retraction of the rectus femoris

The extra bend in the handle allows the assistant to stand on the operative side of the table allowing for ease of handling of the retractor.

PRODUCT NO:	
4549	
Overall Length: 8.75" (22.2 cm)	
Blade Width: .75" (19 mm)	

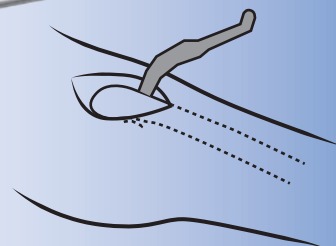
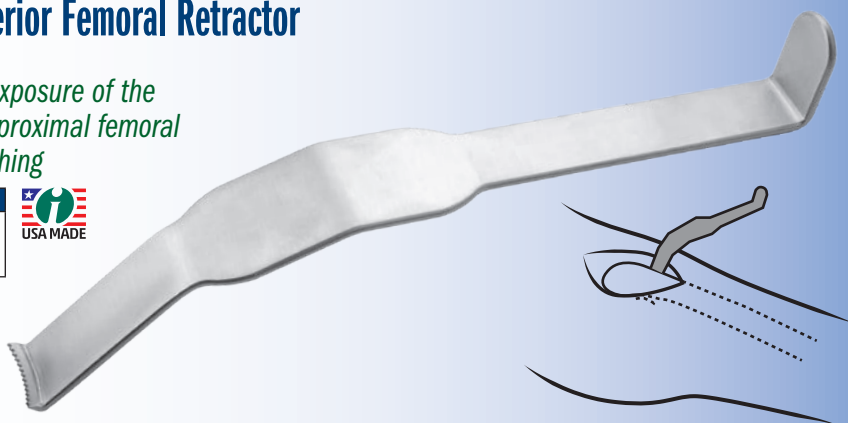


Hope Direct Anterior Femoral Retractor

Designed by Charles A. Hope, MD

Designed to aid in exposure of the calcar femorale for proximal femoral exposure and broaching

PRODUCT NO:	
5838	
Overall Length: 11" (27.9 cm)	
Blade Width: 1" (2.54 cm)	



Hur Modified Mueller-type Femoral Neck Elevator

Wide blade design modification by John Hur, MD

Designed for the anterior approach to help expose the femoral calcar during broaching

The modified Mueller-type design non-forked end helps reduce stress risers and fractures.



PRODUCT NO:	
3416	
Overall Length: 13" (33 cm)	
Handle Length: 6.5" (16.5 cm)	
Blade Width at Widest: 1.25" (31.7 mm)	



Multi-Purpose Hip & Knee Retractors

Designed by Vasilios Mathews, MD

Designed for use in both hip and knee arthroplasty procedures

During direct anterior hip arthroplasty procedures, the fin of this retractor fits the contours of the acetabular rim and retracts the anterior soft tissues, while the short length of the spike helps limit the penetration into the neurovascular zones.

In knee surgery, the retractors can be used to help protect the patellar tendon behind the fin at the lateral tibial border. Also useful as a soft-tissue and fat pad retractor during prosthesis implantation, helping to ensure a dry cancellous bed for cementation.

PRODUCT NO'S:

4554-L [Left]

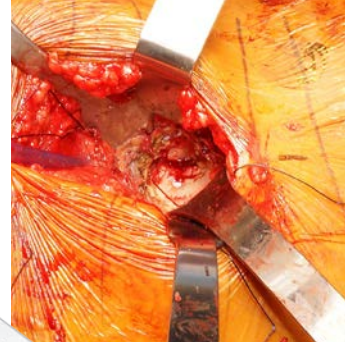
Overall Length: 11.25" (28,6 cm)
Blade Width: 1.5" (38 mm)

4554-R [Right]

Overall Length: 11.25" (28,6 cm)
Blade Width: 1.5" (38 mm)



New!



- ▶ Lateral flange protects the muscle of tensor fascia lata and soft tissues during insertion and removal of femoral broaching instruments
- ▶ Narrow tip for deep placement posterior to the femoral neck, anterior to the greater trochanter
- ▶ Rotation of the retractor handle helps keep the instrument against the patient and out of the surgeon's line of sight

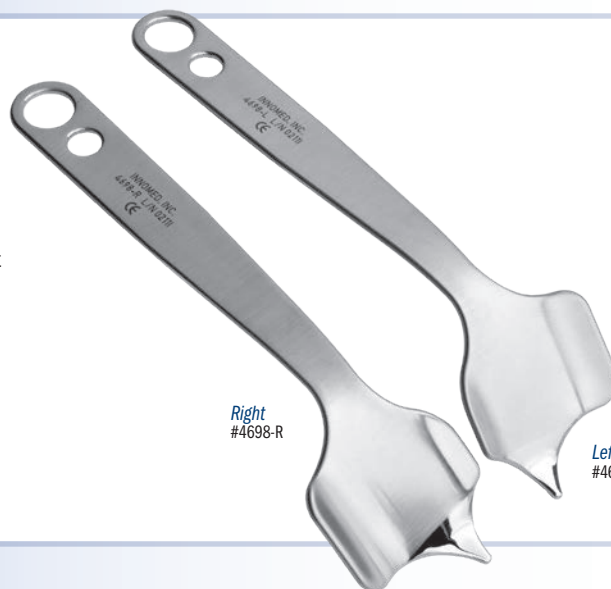
PRODUCT NO'S:

4698-L [Left]

Overall Length: 9.5" (24,1 cm)
Blade Width: 57 mm

4698-R [Right]

Overall Length: 9.5" (24,1 cm)
Blade Width: 57 mm



O'Reilly Direct Access Anterior Broaching Retractor

Designed by Michael P. O'Reilly, MD

Designed for use in obtaining improved proximal exposure for femoral canal preparation during minimally invasive direct anterior THA

Mueller-type Femoral Neck Elevator

Extra Deep modified by Tom Eickmann, MD

Designed to elevate the proximal femur

PRODUCT NO:

3415

Overall Length: 13.5" (34,3 cm)
Handle Length: 6.5" (16,5 cm)
Blade Width at Widest: 25 mm



Whelan Femoral Neck Elevator

Designed by Edward J. Whelan III, MD

Elevator has long tines to rest on the stronger bone at the base of the neck and calcar, and also fits well over the lesser trochanter and iliopsoas tendon for femoral broaching



PRODUCT NO:

3414

Overall Length: 13.75" (34,9 cm)
Depth from Bend: 1.5" (3,8 cm)
Blade Width: 2,4 cm



New!

Curved Canal Rasps

Design modification by Michael Messieh, MD
of original design by Anthony Unger, MD.

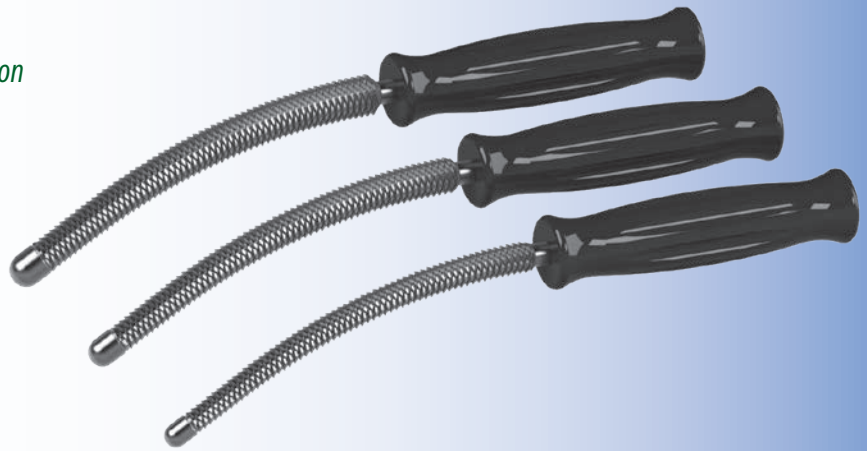
Designed for preparation of the femoral canal for insertion of a cemented or cementless hip stem, the multiple diameters serve to prepare the femoral canal after the initial 5 mm is used to find the curvature of the canal

PRODUCT NO'S:

3004-01-08 [8 mm]
Overall Length: 11" (27,9 cm)
Handle Length: 5" (12,7 cm)
3004-01-10 [10 mm]
Overall Length: 11" (27,9 cm)
Handle Length: 5" (12,7 cm)
3004-01-12 [12 mm]
Overall Length: 11" (27,9 cm)
Handle Length: 5" (12,7 cm)



New!



Knurled to help reduce the chance of slippage ▶



Wertz Anterior THA Femoral Elevator

Designed by Michael P. Wertz, MD

Helps deliver the femur out of the incision during anterior total hip arthroplasty

Inserted into the femoral canal for elevation, the knurled underside helps to reduce the chance of slippage.

PRODUCT NO:

6148
Overall Length: 12.625" (32,1 cm)
Blade Length: 3" (7,6 cm)



T-Handle Femoral Canal Finders

Designed to sound the femoral canal prior to stem broaching, especially useful to help start the broach path during the direct anterior approach

Rockowitz T-Handle Femoral Canal Finder Rasp

PRODUCT NO:

4990
Overall Length: 9" (22,9 cm)
Curved Rasp Portion: 4" (10,2 cm)

Designed by
Neal L. Rockowitz, MD



T-Handle Femoral Canal Finder – Smooth

PRODUCT NO:

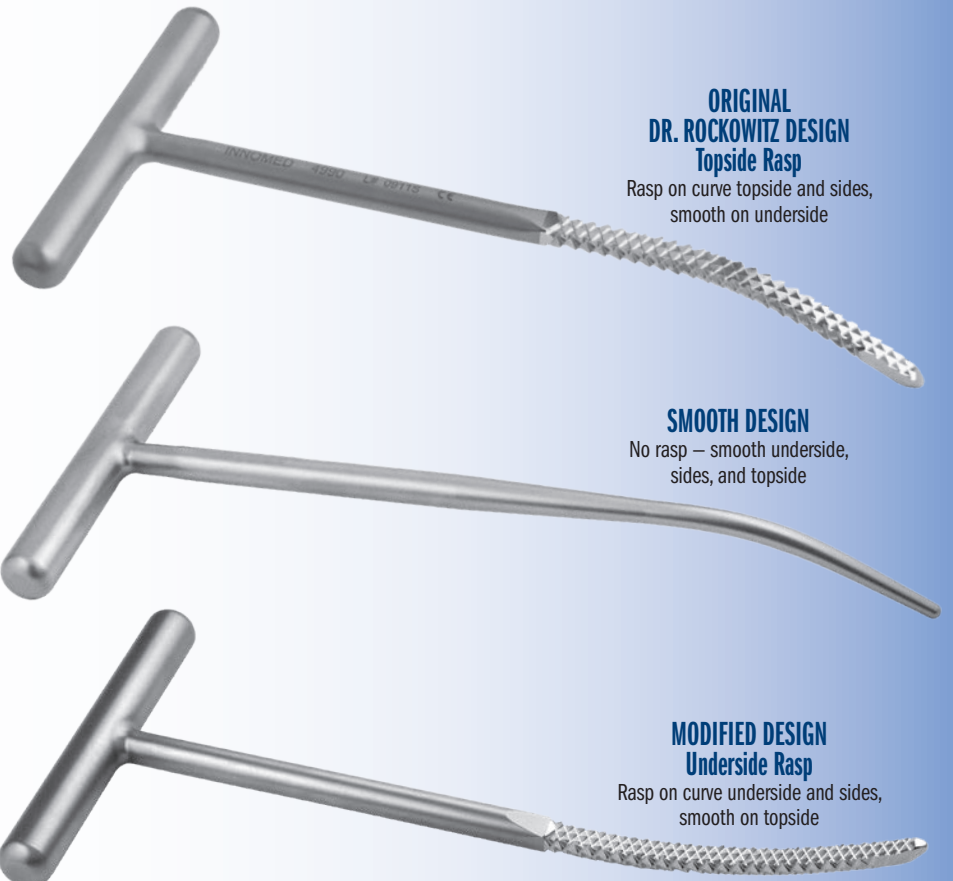
4990-03 [Smooth]
Overall Length: 9.385" (24,4 cm)



Modified T-Handle Femoral Canal Finder Rasp

PRODUCT NO:

4989
Overall Length: 9" (22,9 cm)
Curved Rasp Portion: 4" (10,2 cm)



ORIGINAL DR. ROCKOWITZ DESIGN Topside Rasp

Rasp on curve topside and sides,
smooth on underside

SMOOTH DESIGN

No rasp – smooth underside,
sides, and topside

MODIFIED DESIGN Underside Rasp

Rasp on curve underside and sides,
smooth on topside

Kim Anterior Total Hip Awl

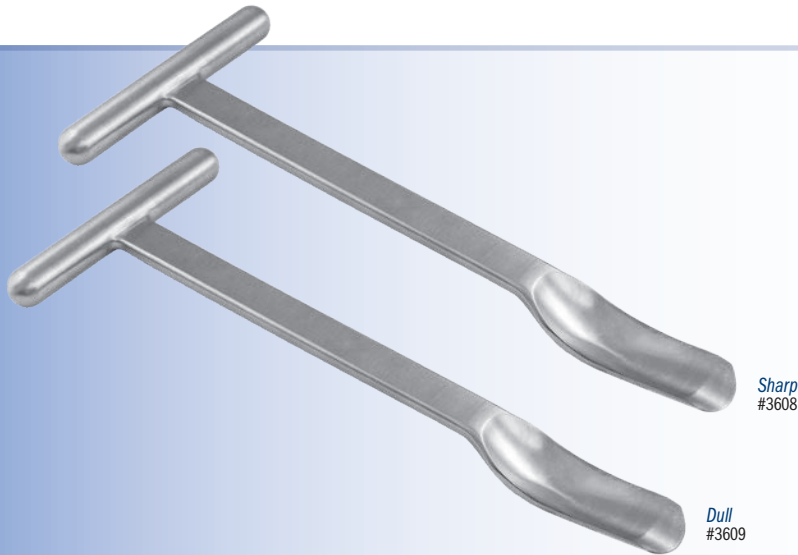
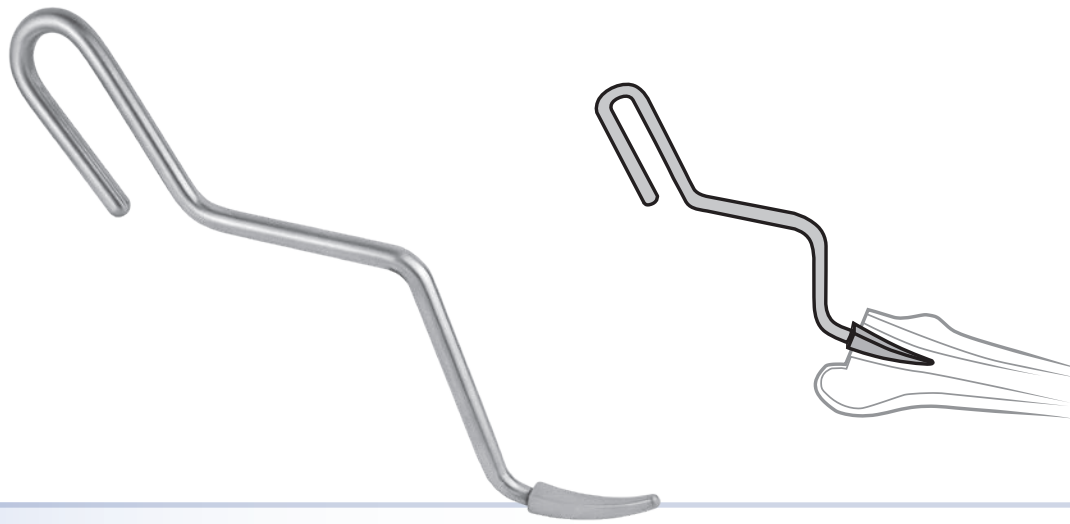
Designed by William C. Kim, MD

Designed to help avoid perforation of the femoral canal while helping to give an accurate assessment of canal orientation for trial broaching during anterior approach THA

PRODUCT NO:

8028

Overall Length: 12" (30,5 cm)
Blunt Reamer Length: 2" (5,1 cm)



Sharp
#3608

Dull
#3609

Huddleston Femoral Head Removers

Designed by H. Dennis Huddleston, MD

Designed to help lever a femoral head out of the acetabulum in standard and anterior approach total hip replacement

PRODUCT NO'S:

3608 [Sharp]

Overall Length: 10.5" (26,7 cm)
Scoop Length: 3" (7,6 cm)
Scoop Width: 29 mm

3609 [Dull]

Overall Length: 10.5" (26,7 cm)
Scoop Length: 3" (7,6 cm)
Scoop Width: 29 mm



Whelan Large Anterior Hip Weitlaner Retractor with Ergonomic Handle

Designed by Edward J. Whelan III, MD

Designed for self-retaining exposure during anterior approach THA

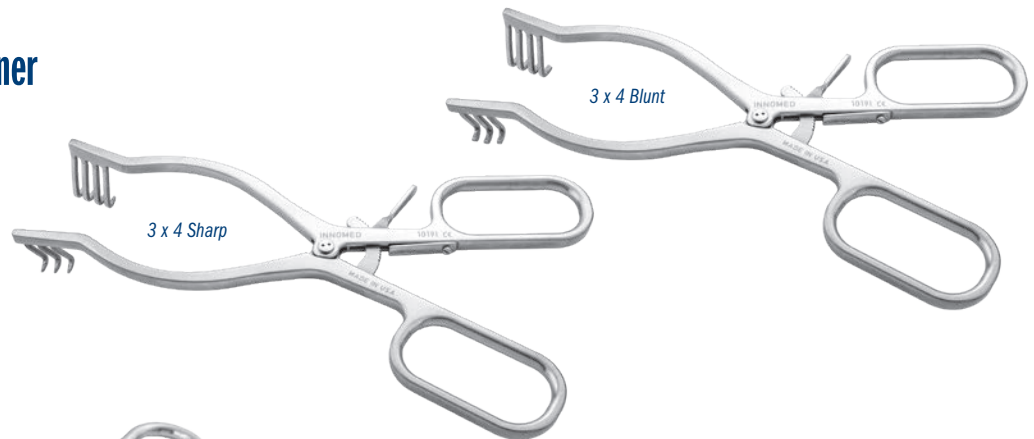
PRODUCT NO'S:

1576-B [Blunt]

Overall Length: 9" (22,9 cm)
Blade Depth: 1" (2,54 cm)

1576-S [Sharp]

Overall Length: 9" (22,9 cm)
Blade Depth: 1" (2,54 cm)



3 x 4 Sharp

3 x 4 Blunt



New!

Deep Meyerding Retractor with Ergonomic Handle

A self-retaining soft tissue retractor for use in hip, knee, and shoulder surgery

PRODUCT NO:

6244

Overall Length: 8.5" (21,6 cm)
Blade Depth: 3.5" (8,9 cm)
Blade Width: 1" (2,54 cm)

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GERMANY

Rogozinski Reverse Angle Retractor

Designed by Chaim Rogozinski, MD

Designed to be self-leveling, helping to maintain the body of the retractor on the patient for soft tissue retraction and out of the surgeons field, with finger loops designed for use with either hand

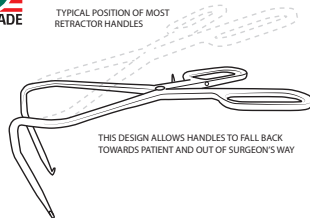
PRODUCT NO'S:

4272 [Large]
Overall Length: 9" (22,9 cm)
Length to Bend: 8.5" (21,6 cm)
Depth: 4.25" (10,8 cm)

4273 [Medium]
Overall Length: 8" (20,3 cm)
Length to Bend: 8" (20,3 cm)
Depth: 3" (7,6 cm)

4274 [Small]
Overall Length: 8" (20,3 cm)
Length to Bend: 8" (20,3 cm)
Depth: 1.75" (4,4 cm)

Designed for spine but can be used for hip surgery as well.

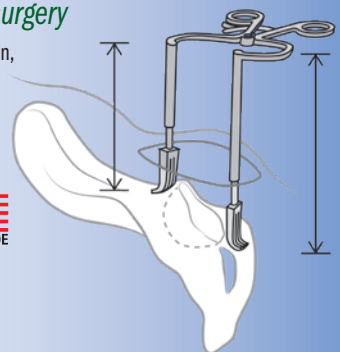


Durham Offset Zelpi Retractor

Designed by Alfred Durham, MD

Staggered depth retractor designed for exposure during total hip and total shoulder surgery

- ▶ In hip surgery, with the handle towards the surgeon, the longer leg is on the inside.
- ▶ In shoulder surgery, with the handle downward, the longer leg is on the outside.
- ▶ The longer leg extends 1.1" (2,8 cm) deeper.



PRODUCT NO'S:

1573-L [Left]
Overall Length: 8.5" (21,6 cm)
Leg Depths: 3.1" & 4.2" (7,9 cm & 10,7 cm)

1573-R [Right]
Overall Length: 8.5" (21,6 cm)
Leg Depths: 3.1" & 4.2" (7,9 cm & 10,7 cm)



Flat Gelpi Retractors

Designed to help retract a broader area of soft tissue or muscle

PRODUCT NO'S:

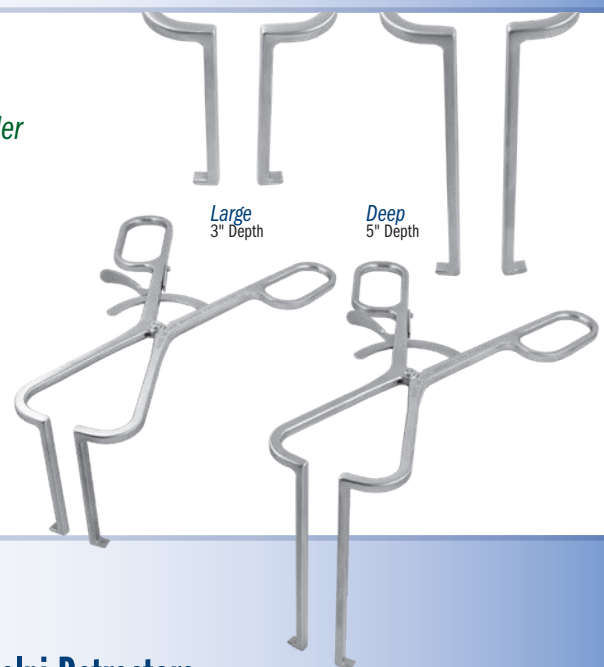
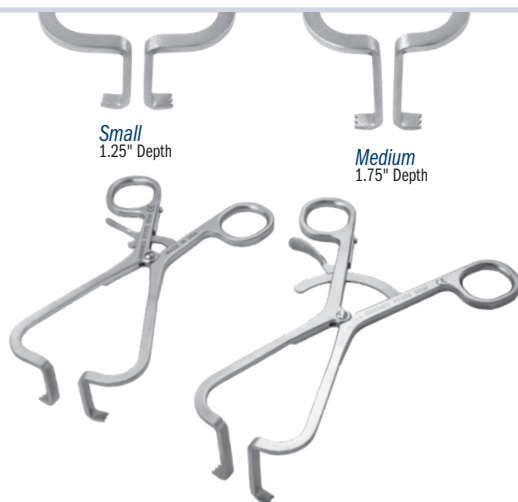
4191 [Small]
Overall Length: 6.5" (16,5 cm)
Prong Depth: 1.25" (3,2 cm)

4192 [Medium]
Overall Length: 7.25" (18,4 cm)
Prong Depth: 1.75" (4,4 cm)

4193 [Large]
Overall Length: 9" (22,9 cm)
Prong Depth: 3" (7,6 cm)

4194 [Deep]
Overall Length: 10" (24,4 cm)
Prong Depth: 5" (12,7 cm)

The two largest sizes feature an ergonomic handle for increased comfort and control.



Gelpi Retractors

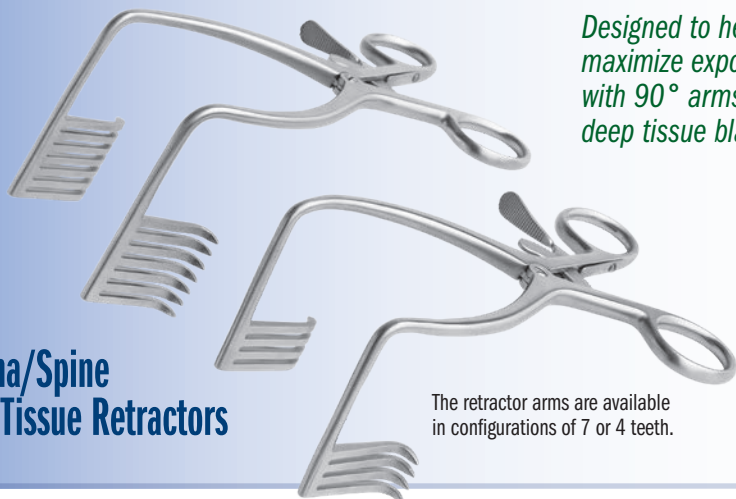
PRODUCT NO'S:

4180 [Standard]
Overall Length: 7.75" (19,7 cm)

4181 [With Ergonomic Handle]
Overall Length: 8.75" (22,2 cm)



Trauma/Spine Deep Tissue Retractors



Designed to help maximize exposure with 90° arms and deep tissue blades

The retractor arms are available in configurations of 7 or 4 teeth.



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GERMANY

PRODUCT NO'S:

1862 [4 Teeth]
Overall Length: 7.5" (19,1 cm)
Handle-to-Bend Length: 6" (15,2 cm)
Drop Depth: 3.25" (8,3 cm)
Prongs: 1.5" Long x .75" Wide (38 mm x 19 mm)

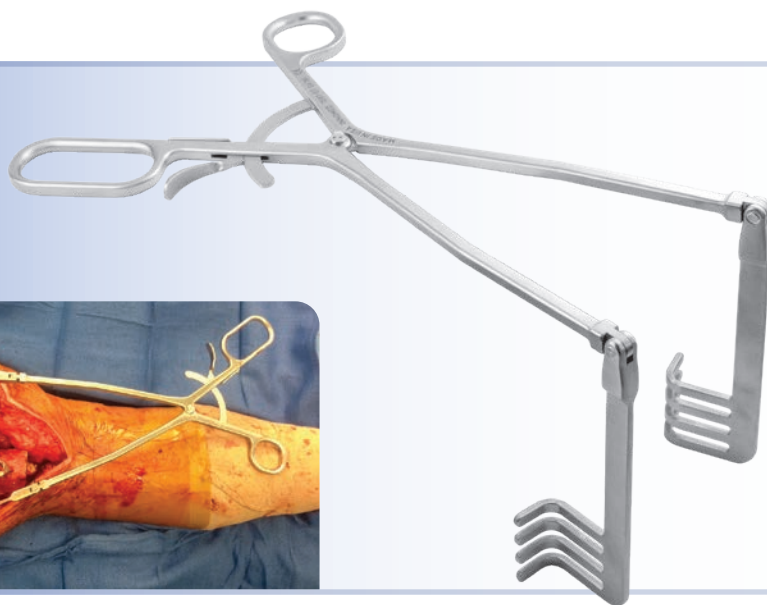
1863 [7 Teeth]
Overall Length: 7.5" (19,1 cm)
Handle-to-Bend Length: 6" (15,2 cm)
Drop Depth: 3.25" (8,3 cm)
Prongs: 1.5" Long x 1.375" Wide (38 mm x 35 mm)

Double Bent Extended Deep Tissue Retractor

Designed to help maximize exposure with 90° arms and deep tissue blades

PRODUCT NO:

1859
Overall Length: 8.75" (22,2 cm)
Handle-to-Bend Length: 6.5" (16,5 cm)
Drop Depth: 3" (7,6 cm)
Prongs: 1.5" Long x 1.375" Wide (3,8 cm x 3,5 cm)



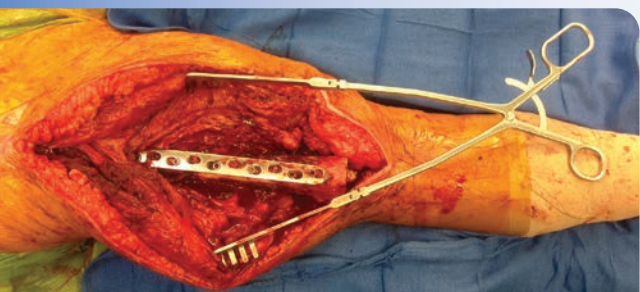
Large Exposure Self-Retaining Retractor

Designed by Vincent Ng, MD

Designed for effective exposure of large wounds

PRODUCT NO:

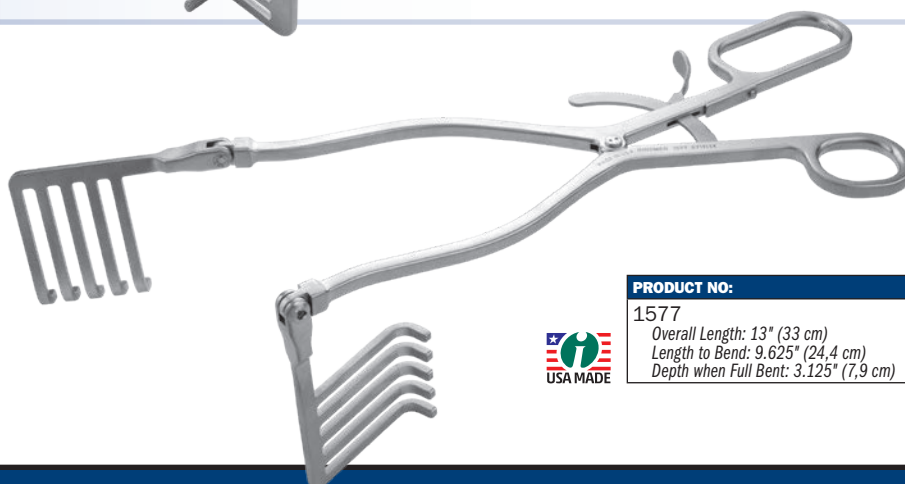
1581-01
Overall Length (flat): 15.75" (40 cm)
Leg Depth from Bend: 5.25" (13,3 cm)



Alvi Beckman Self-Retaining Retractor

Designed by Hasham Alvi, MD

Designed for direct anterior approach hip arthroplasty, the wide, blunt and curved teeth help provide for better self-retaining retraction during dissection through the superficial and deep tissue planes to expose the hip joint



PRODUCT NO:

1577
Overall Length: 13" (33 cm)
Length to Bend: 9.625" (24,4 cm)
Depth when Full Bent: 3.125" (7,9 cm)



Stainless Steel Hip Surgery Ratchet Frame with Arms and Blades Sets

Designed for self-retaining wound exposure, the arms and blades of the OrthoLucent™ version are radiolucent and can be kept in place while using image intensification or taking an x-ray

- ▶ Arms rotate 180°
- ▶ Mobile Arm unit can be detached from ratchet body for cleaning

New!

Set with OrthoLucent™ Arms and Blades

The OrthoLucent arms and blades are made of a strong, lightweight carbon fiber PEEK composite material, which is radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.

PRODUCT NO'S:
7428-00 [Stainless Steel Ratchet Frame with OrthoLucent Arms & Blades Set]
Set Includes / Available Individually:
7428-01 [Stainless Steel Ratchet Frame with OrthoLucent Arms Assembly] Dimensions (Flat): 10" x 5.625" (25,4 cm x 14,3 cm) Arms Extend: 4.25" (10,8 cm)
7427-02 [50 mm OrthoLucent Blade] Dimensions: 50 mm Deep X 25 mm Wide
7427-03 [75 mm OrthoLucent Blade] Dimensions: 75 mm Deep X 25 mm Wide
Optional Blade – Not Included In Set:
7427-04 [100 mm OrthoLucent Blade] Dimensions: 100 mm Deep X 25 mm Wide

OrthoLucent Parts
MADE EXCLUSIVELY FOR INNOVIMED IN SWITZERLAND

Stainless Steel Parts
USA MADE



(1) 50 mm & (1) 75 mm blade included in each set.

Optional 100 mm blade available separately.



Set with Stainless Steel Arms and Blades

USA MADE

PRODUCT NO'S:
7429-00 [Stainless Steel Ratchet Frame with Stainless Steel Arms & Blades Set]
Set Includes / Available Individually:
7429-01 [Stainless Steel Ratchet Frame with Stainless Steel Arms Assembly] Dimensions (Flat): 10" x 6" (25,4 cm x 15,3 cm) Arms Extend: 4.875" (12,4cm)
7429-02 [50 mm Stainless Steel Blade] Dimensions: 50 mm Deep X 25 mm Wide
7429-03 [75 mm Stainless Steel Blade] Dimensions: 75 mm Deep X 25 mm Wide
Optional Blade – Not Included In Set:
7429-04 [100 mm Stainless Steel Blade] Dimensions: 100 mm Deep X 25 mm Wide

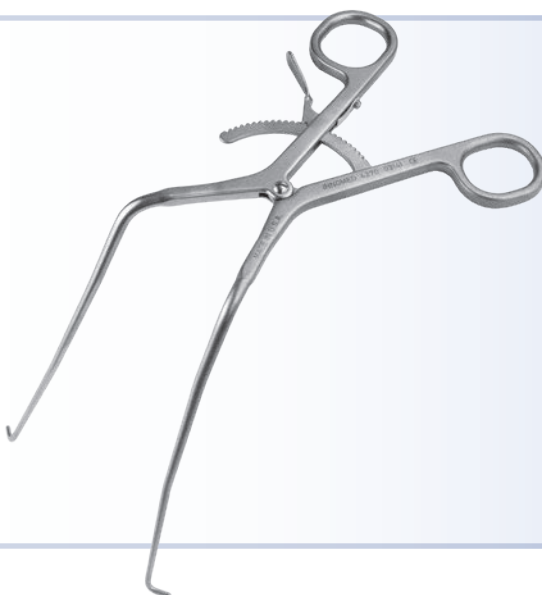
Romanelli Deep Gelpi Retractor

Designed by Ron Romanelli, MD

Offers the versatility and ability to be used on minimally invasive total hip replacements anteriorly or posteriorly, and can also be useful in spine surgery

PRODUCT NO:
4270
Overall Length: 7.45" (18,9 cm)
Depth from Bend: 5.125" (13 cm)
Prong Length: .5" (13 mm)

USA MADE



- ▶ Can be used to hold the hip capsule out of the way for easy visualization, and to allow reaming of the acetabulum without catching the capsule in the reamer
- ▶ The ends of the retractor have dull tips to help avoid soft tissue damage
- ▶ Wider separation occurs at the deep capsule level
- ▶ Holds the muscle out of the way while retracting the capsule
- ▶ Also helpful in MIS Spine approaches

Hendren Self-Retaining Retractor

Designed by D.H. Hendren, MD

Gentle on tissue and very effective in holding back subcutaneous fat

Also useful for retracting the deltoid muscle firmly.

PRODUCT NO:
1745
Overall Length: 5.5" (14 cm)
Blade Size: 18 mm x 13 mm

MADE EXCLUSIVELY FOR INNOVIMED IN GERMANY



Zelicof Winged Retractor

Designed by Steven B. Zelicof, MD PhD

A non-modular, fixed point retractor for pelvic visualization in THA and pelvic surgery, with the distal post and wing providing bony stability and retraction

New!

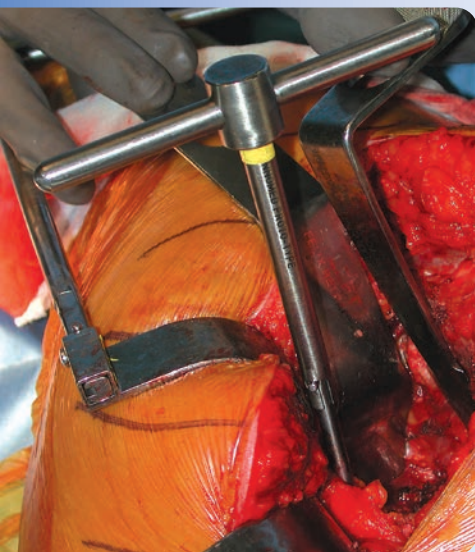
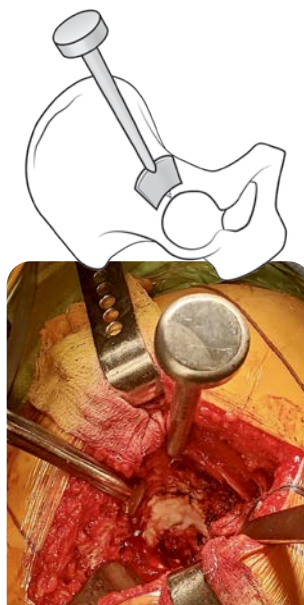
Thin Shaft
#6117-5

Thick Shaft
#6117-10

PRODUCT NO'S:

6117-5 [Thin Shaft]
Shaft Diameter: 6 mm
Overall Length: 9" (22,9 cm)
Pad Dimensions: 31,4 x 19,6 mm
Prong Length: .85" (21,6 mm)
Prong Width (before taper): 3 mm

6117-10 [Thick Shaft]
Shaft Diameter: 10 mm
Overall Length: 9" (22,9 cm)
Pad Dimensions: 31,4 x 19,6 mm
Prong Length: .85" (21,6 mm)
Prong Width (before taper): 3 mm



PRODUCT NO'S:

1200-00 [Set: Ins/Ext & Two Pins]

1200-0A [Set: Ins/Ext & Two Pins w/Stop]

Also sold Individually:

1200-01 [Insertor/Extractor]

1200-02 [Pin]
Overall Length: 4.5" (11,4 cm)
Pin Depth: 2" (5,1 cm)
Pin Diam.: 3.9 mm

1200-03 [Pin with Stop]
Overall Length: 4.5" (11,4 cm)
Pin Tip-to-Stop Depth: .75" (1,9 cm)
Pin Diameter: 3.2 mm

1200-04 [Deep Pin]
Overall Length: 7" (17,8 cm)
Pin Depth: 4.5" (11,4 cm)
Pin Diameter: 3.9 mm



Deep Pin
#1200-04

Pin
#1200-02

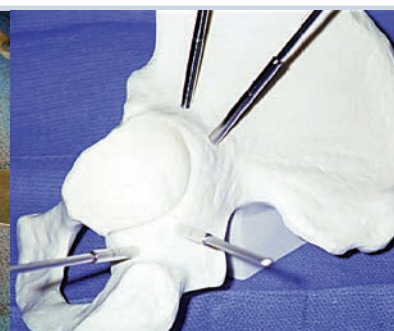
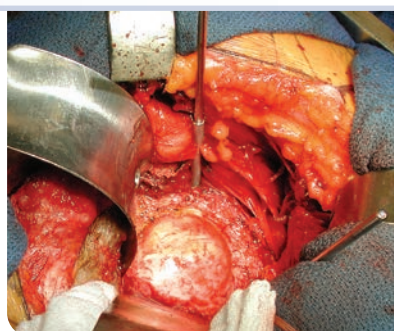
Pin with Stop
#1200-03

Amstutz Charnley-type Acetabular Exposure Pin Set

Designed by Harlan C. Amstutz, MD

Used to enhance exposure in the acetabulum

Insertor/Extractor
#1200-01



Tube and Extender Pins

Designed to help achieve wide exposure of the acetabulum during total hip arthroplasty

Tube pins with depth stops are inserted under direct visualization into the thick bone of the posterior column and iliac wing. Extender pins placed in the tube pins help keep the soft tissues from obstructing the view of the acetabulum. The low profile of the tube pins helps keep them out of the way of the surgeon. The extender pin can be removed or left in the tube pin depending on the size of the patient.



PRODUCT NO'S:

Packages of 10

1230 [Tube Pin]
Pin Diameter at End: 1/8" (3,2 mm)
Overall Length: 70 mm
Length to Stop: 20 mm

1250 [Extender Pin]
Pin Diameter: 1/8" (3,2 mm)
Overall Length: 100 mm

Helpful tools for inserting/removing pins.

PRODUCT NO'S:

1205 [Pin Insertor]

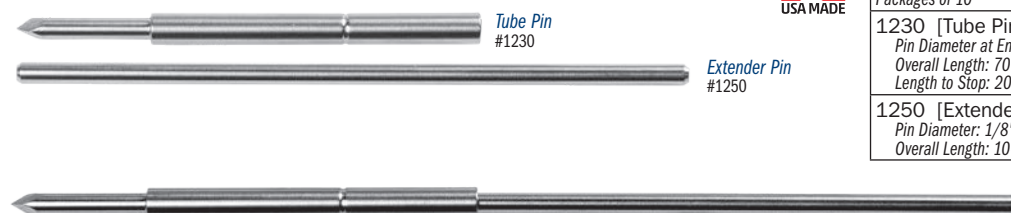
3030 [Pin Insertor/Extractor]

Pin Insertor

Pin Insertor/Extractor

Tube Pin
#1230

Extender Pin
#1250



Extra Deep Hip Retractors

All Extra Deep retractors are 2" (5 cm) longer than their standard version.

For hip surgery with large patients, and when extra large instruments are desired for increase depth and leverage

PRODUCT NO'S:	
3418	[Extra Deep Mueller-type Femoral Neck Elevator] Overall Length: 15.25" (38,8 cm) Handle Length: 6.5" (16,5 cm) Blade Width at Widest: 25 mm
4535-01	[Extra Deep Modified Narrow Hohmann] Overall Length: 11.5" (29,2 cm) Blade Width: 16.4 mm
4540-01	[Extra Deep Long Narrow Blunt Hohmann] Overall Length: 13.25" (33,7 cm) Blade Width: 22 mm Blade Width at End: 16 mm
4550-01	[Extra Deep Modified Blunt Hohmann] Overall Length: 13.25" (33,7 cm) Blade Width at End: 11 mm
4558-01	[Extra Deep Hohmann] Overall Length: 11.5" (29,2 cm) Blade Width: 16.7 mm
6450-01	[Extra Deep Single Prong Soft Tissue] Overall Length: 13.75" (34,9 cm) Blade Width: 22.3 mm
6570-01	[Extra Deep Single Prong Acetabular] Overall Length: 13.75" (34,9 cm) Blade Width: 22.3 mm
6595-01	[Extra Deep Modified Wide Hohmann] Overall Length: 11.5" (29,2 cm) Blade Width: 42.5 mm
7115-03	[Extra Deep Bent Hohmann] Overall Length: 12.125" (30,8 cm) Handle Length: 9.75" (24,8 cm) Depth from Bend: 6.25" (15,9 cm) Blade Width: 19 mm
7630-03	[Extra Deep Large Cobra] Overall Length: 19" (48,3 cm) Handle Length: 14" (35,6 cm) Blade Width at Widest: 33 mm

Extra Deep Mueller-type Femoral Neck Elevator
design modification by Tom Eickmann, MD



Extra Deep
Mueller-type
Femoral Neck Elevator
#3418

Extra Deep
Modified Hohmann
#4535-01

Extra Deep
Long Narrow Blunt Hohmann
#4540-01

Extra Deep
Modified Blunt Hohmann
#4550-01

Extra Deep
Hohmann
#4558-01

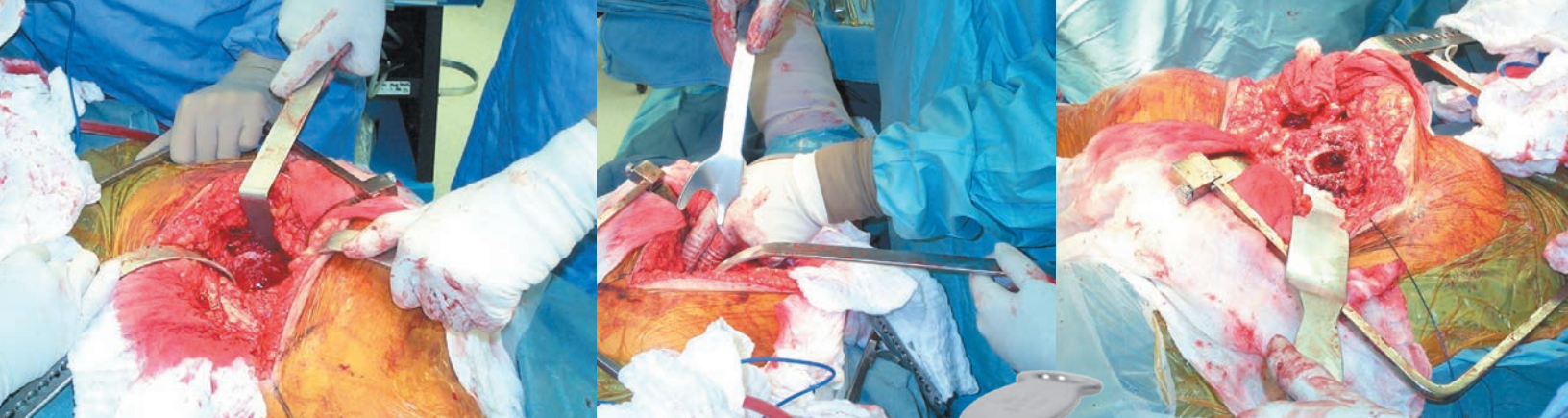
Extra Deep
Single Prong Soft Tissue
#6450-01

Extra Deep
Single Prong Acetabular
#6570-01

Extra Deep
Modified Wide Hohmann
#6595-01

Extra Deep
Bent Hohmann
#7115-03

Extra Deep
Large Cobra
#7630-03



Extra Large Hip Retractors

Designed by Wayne M. Goldstein, MD

For hip surgery with large patients, and when extra large instruments are desired for increased leverage and depth

Infero-posterior Acetabular Capsule Retractors

PRODUCT NO'S:

7620-01 [Right]
Overall Length: 12" (30,5 cm)
Handle-to-Bend Length: 6" (15,2 cm)

7620-02 [Left]
Overall Length: 12" (30,5 cm)
Handle-to-Bend Length: 6" (15,2 cm)



Large Cobra Retractors

PRODUCT NO'S:

7630-01 [Standard]
Overall Length: 17.5" (44,5 cm)
Handle Length: 14" (35,6 cm)

7630-02 [Wide]
Overall Length: 17.5" (44,5 cm)
Handle Length: 14" (35,6 cm)



Extra Leverage Proximal Femoral Elevator

PRODUCT NO:

7640
Overall Length: 17.5" (44,5 cm)
Handle Length: 13" (33 cm)
Blade Width at Widest: 63 mm



Extra Leverage Femoral Neck Elevators

PRODUCT NO'S:

7650 [Standard]
Overall Length: 18.25" (46,4 cm)
Handle Length: 9.25" (23,5 cm)
Blade Width: 38 mm

7650-02 [Short Handle]
Overall Length: 15.25" (38,8 cm)
Handle Length: 6.25" (15,9 cm)
Blade Width: 38 mm



Right
Infero-posterior
#7620-01

Left
Infero-posterior
#7620-02

Wide Cobra
#7630-02

Standard
Cobra
#7630-01

Proximal Femoral
Elevator
#7640

Standard
Extra Leverage
Femoral Neck
#7650

Short Handle
Extra Leverage
Femoral Neck
#7650-02



Goytia Stackable Hohmann Retractors

Designed by Robin N. Goytia, MD

Interlocking design helps to increase depth and leverage in hip exposure, particularly of the anterior acetabulum—especially useful with large patients



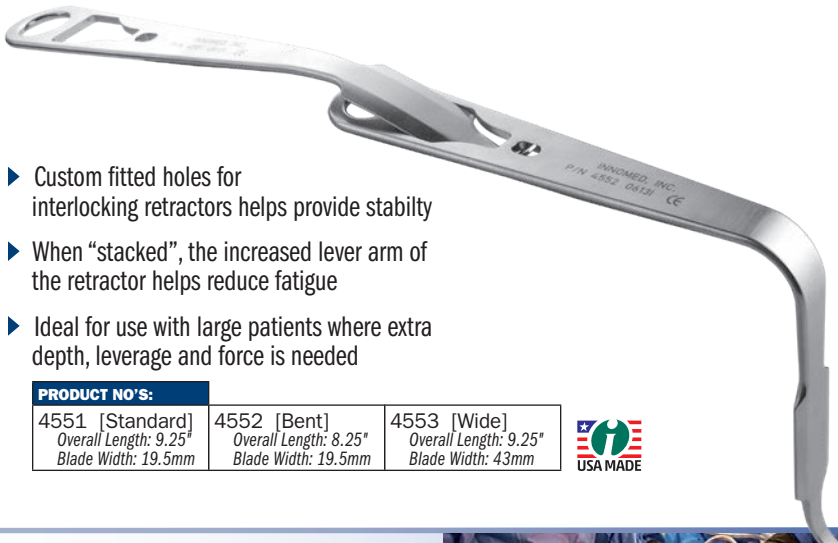
- ▶ Custom fitted holes for interlocking retractors helps provide stability
- ▶ When “stacked”, the increased lever arm of the retractor helps reduce fatigue
- ▶ Ideal for use with large patients where extra depth, leverage and force is needed

PRODUCT NO'S:

4551 [Standard]
Overall Length: 9.25"
Blade Width: 19.5mm

4552 [Bent]
Overall Length: 8.25"
Blade Width: 19.5mm

4553 [Wide]
Overall Length: 9.25"
Blade Width: 43mm



Hand/Waist Rest Adapter

Designed by Matthew Clayton, MD

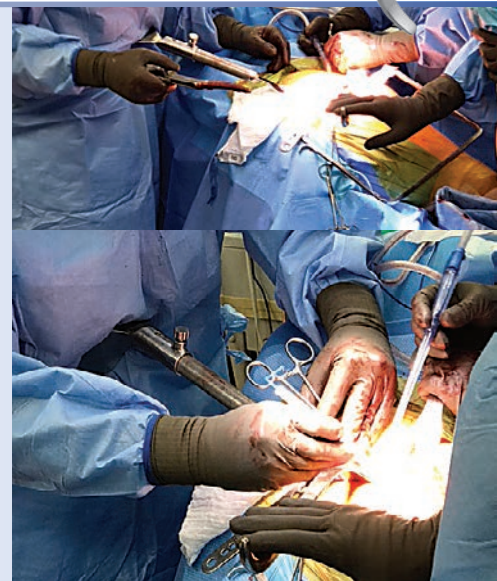
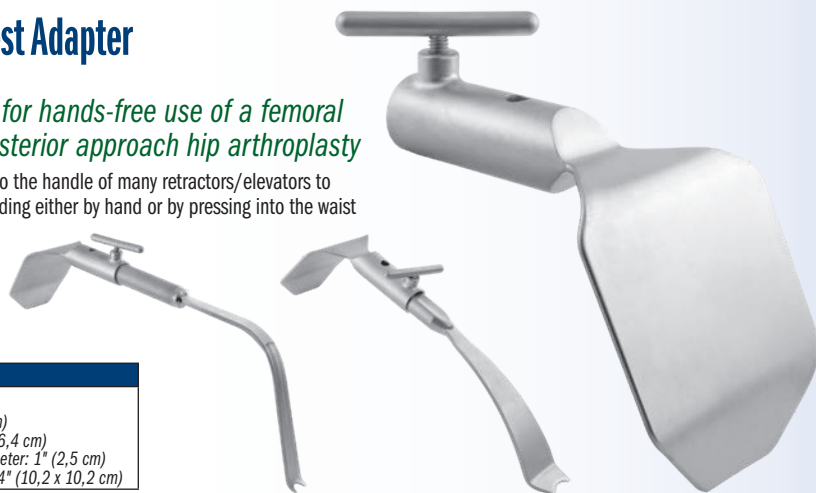
Designed to allow for hands-free use of a femoral elevator during posterior approach hip arthroplasty

Locking screw tightens onto the handle of many retractors/elevators to add a large surface for holding either by hand or by pressing into the waist



PRODUCT NO:

8206
Overall Length: 8" (20.3 cm)
Handle Insert Depth: 2.5" (6.4 cm)
Handle Insert Internal Diameter: 1" (2.5 cm)
Rest Pad Dimensions: 4" x 4" (10.2 x 10.2 cm)



McPherson Retractor Extender

Designed by Ed McPherson, MD

Designed to extend a standard retractor to help provide additional leverage

Available in two sizes to accommodate most retractors — standard for retractors up to .125" (3.2 mm) thick, and large for retractors up to .16" (4 mm) thick.



PRODUCT NO'S:

6022 [Standard]
Overall Length: 15.625" (39.7 cm)
For retractors up to .125" (3.2 mm) thick

6022-01 [Large]
Overall Length: 15.625" (39.7 cm)
For retractors up to .16" (4 mm) thick

New!

LARGER SIZE AVAILABLE



Standard Tip
#6133

Cross-Hatched Tip
#6134

Extra Deep Cobra Retractors

A general purpose instrument for use around the femur and acetabulum in larger patients

A full 2" (5 cm) longer in the wide cobra blade portion than our standard cobra retractor.

PRODUCT NO'S:

6133 [Standard Tip]
Overall Length: 12.75" (32,4 cm)
Handle Length: 6.75" (17 cm)
Blade Width at Widest: 33 mm

6134 [Cross-Hatched Tip]
Overall Length: 12.75" (32,4 cm)
Handle Length: 6.75" (17 cm)
Blade Width at Widest: 33 mm



Deep Cobra Retractor

A general purpose instrument for use around the femur and acetabulum in larger patients

Lighted retractor comes with one (1) Disposable LED Light Source (see page 39), and can also be attached to a fiber optic light cable with ACMI (female) connector, and can be steam sterilized.

PRODUCT NO'S:

6135 [Deep]
Overall Length: 14.5" (36,9 cm)
Handle Length: 7" (17,8 cm)
Blade Width at Widest: 33 mm

6135-L-01 [Lighted Deep]
Overall Length: 14.5" (36,9 cm)
Handle Length: 7" (17,8 cm)
Blade Width at Widest: 33 mm



Lighted Deep
#6135-L-01

Deep
#6135

Hibbs Retractors

Designed for soft tissue retraction by either the toothed end or curved handle end

Extra large used in large patients when more leverage and depth is needed.

PRODUCT NO'S:

6230 [Extra Large]
Overall Length: 14.25" (36,2 cm)
Handle Length: 13" (33 cm)
Blade Depth: 6.5" (165 mm)
Blade Width: 38 mm

6235 [Medium]
Overall Length: 10.75" (27,3 cm)
Handle Length: 9.75" (24,8 cm)
Blade Depth: 4.5" (114 mm)
Blade Width: 25 mm

6240 [Standard]
Overall Length: 8.75" (22,5 cm)
Handle Length: 8" (20,3 cm)
Blade Depth: 3" (76 mm)
Blade Width: 25 mm



Extra Large
#6230

Medium
#6235

Standard
#6240



New!

Standard
#C1009

90°
#C1010

Deep Hohmann-style Retractors with Large Handle

PRODUCT NO:

C1009 [Standard]

Overall Length: 15.75" (40 cm)

Handle Length: 6.125" (15,6 cm)

Blade Depth: 4.5" (11,4 cm)

Blade Width: 1.1" (2,8 cm)

Prong Length: 1.5" (3,8 cm)

C1010 [90°]

Overall Length: 14.25" (36,2 cm)

Handle Length: 6.125" (15,6 cm)

Blade Depth: 5.25" (13,3 cm)

Blade Width: 1.1" (2,8 cm)

Prong Length: 1.5" (3,8 cm)



Duke Classic Acetabular Retractor with Extra Grip Tip

Designed by Justin Duke, MD

Designed to retract the femur during acetabular exposure for either posterior or lateral approaches

PRODUCT NO:

7622

Overall Length: 13.5" (32,3 cm)

Handle Length: 9" (22,9 cm)

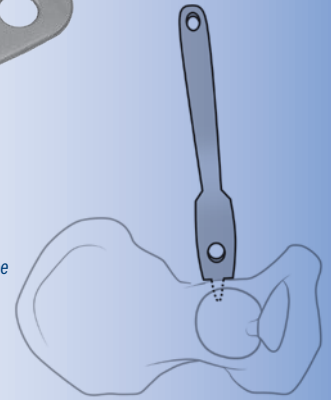
Depth from Bend: 4" (10,2 cm)

Prong Depth: 1.25" (3,2 cm)



New!

Posterior approach usage demonstrated. May also be used to retract the femur posteriorly during lateral exposure.



Standard
#4540

Extra Deep
#4540-01

Long Narrow Hohmann Retractor-Blunt

PRODUCT NO'S:

4540 [Standard]

Blade Width: 22 mm

Blade Width at End: 16 mm

Overall Length: 11.375" (28,9 cm)

4540-01 [Extra Deep]

Blade Width: 22 mm

Blade Width at End: 16 mm

Overall Length: 13.25" (33,7 cm)



Long Curved Hohmann Retractors-Narrow

PRODUCT NO'S:

6204 [Short Blade]

Overall Length: 16" (40,7 cm)

Handle Length: 13" (33 cm)

Blade Width: 22 mm

6205 [Long Blade]

Overall Length: 15.25" (38,8 cm)

Handle Length: 13" (33 cm)

Blade Width: 22 mm



Short Blade
#6204

Long Blade
#6205

Retractors for Hip Surgery



For general use in total, minimally invasive, and revision hip surgery

A Single Prong Double Bent Hohmann Acetabular Retractor

PRODUCT NO'S:

6210 [Standard Blade] Overall Length: 10.5" (26.7 cm) Blade + Tip Length: 2.5" (64 mm) Blade Width: 15 mm	6212 [Longer Blade] Overall Length: 11.25" (28.6 cm) Blade + Tip Length: 3.5" (89 mm) Blade Width: 15 mm
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A Single & Double Prong Double Bent Hohmann Acetabular Retractor - Long

Non-Slip Tip design modification by Alfred A. Durham, MD

PRODUCT NO'S:

6210-02 [Single Prong Standard Blade] Overall Length: 12.5" (31.8 cm) Blade + Tip Length: 3" (76 mm) Blade Width: 15 mm	6210-02L-01 [Lighted Single Prong Standard Blade] Overall Length: 12.5" (31.8 cm) Blade + Tip Length: 3" (76 mm) Blade Width: 15 mm
6211 [Single Prong Standard Blade with Extra Grip Tip] Overall Length: 12.5" (31.8 cm) Blade + Tip Length: 3" (76 mm) Blade Width: 15 mm	6213 [Single Prong Longer Blade] Overall Length: 15" (38.1 cm) Blade + Tip Length: 5" (127 mm) Blade Width: 15 mm
6220 [Double Prong Standard Blade] Overall Length: 12.5" (31.8 cm) Blade + Tip Length: 3" (76 mm) Blade Width: 15 mm	

Lighted retractor comes with one (1) Disposable LED Light Source (see page 39), and can also be attached to a fiber optic light cable with ACMI (female) connector.

A Single Prong Double Bent Hohmann Acetabular Retractor - Extra Long

PRODUCT NO'S:

6210-04 [Standard Blade] Overall Length: 16.25" (41.3 cm) Blade + Tip Length: 3" (76 mm) Blade Width: 15 mm	6214 [Longer Blade] Overall Length: 18" (45.7 cm) Blade + Tip Length: 5" (127 mm) Blade Width: 15 mm
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B Broad Acetabular Retractor

PRODUCT NO:

6320 [Single Prong] Overall Length: 12" (30.5 cm) Blade Width: 40 mm	6160 [Double Prong] Overall Length: 12.5" (31.8 cm) Blade Width: 40 mm
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C Single Prong Soft Tissue Retractors

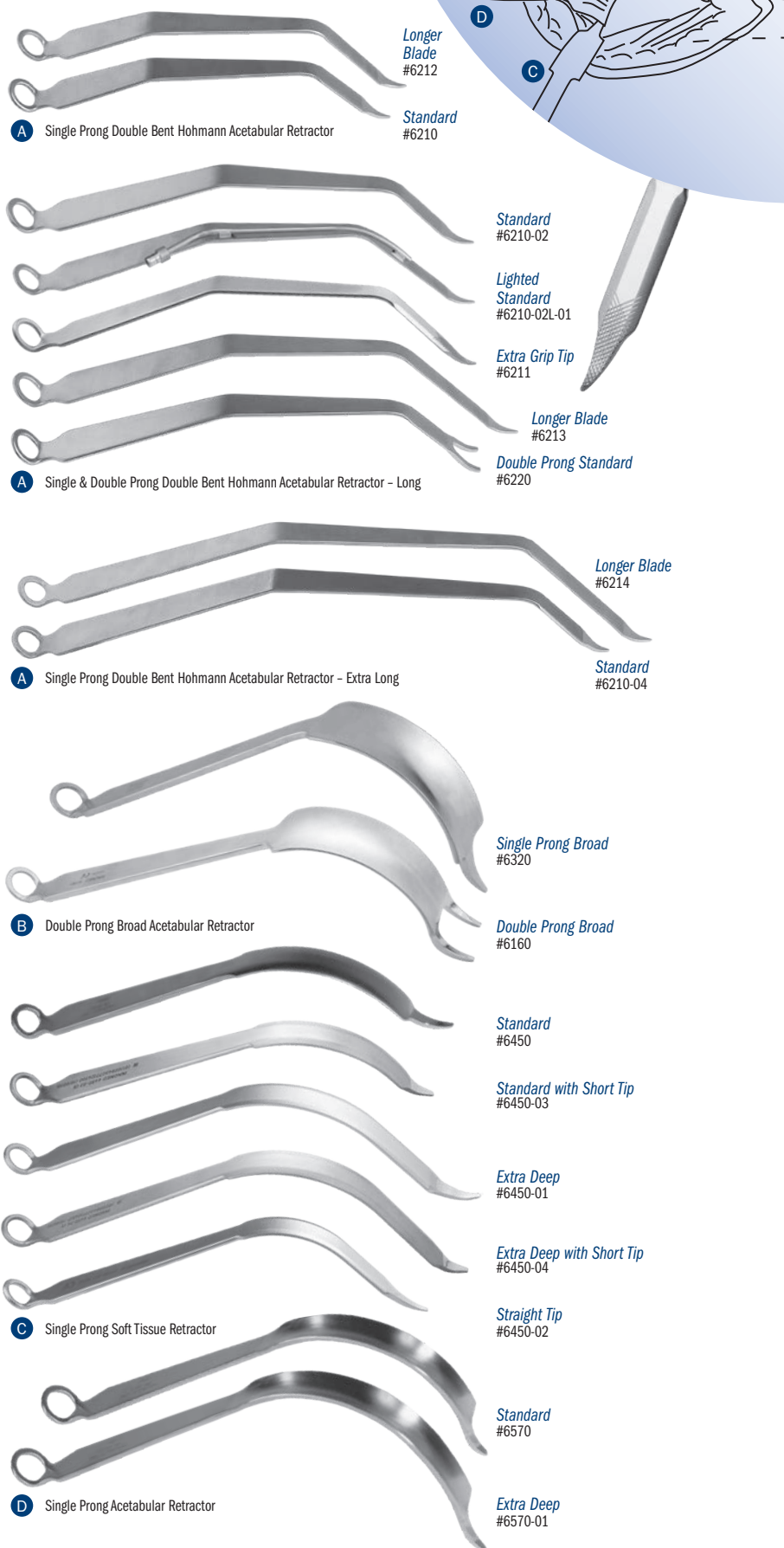
PRODUCT NO:

6450 [Standard] Overall Length: 12.125" (30.8 cm) Blade Width: 22.3 mm	6450-03 [Standard with Short Tip] Overall Length: 11.75" (29.8 cm) Blade Width: 22.3 mm
6450-01 [Extra Deep] Overall Length: 13.75" (34.9 cm) Blade Width: 22.3 mm	6450-04 [Extra Deep w/Short Tip] Overall Length: 13" (33 cm) Blade Width: 22.3 mm
6450-02 [Straight Tip] Overall Length: 12.125" (30.8 cm) Blade Width: 22.3 mm	

D Single Prong Acetabular Retractor

PRODUCT NO:

6570 [Standard] Overall Length: 12.125" (30.8 cm) Blade Width: 22.3 mm	6570-01 [Extra Deep] Overall Length: 13.75" (34.9 cm) Blade Width: 22.3 mm
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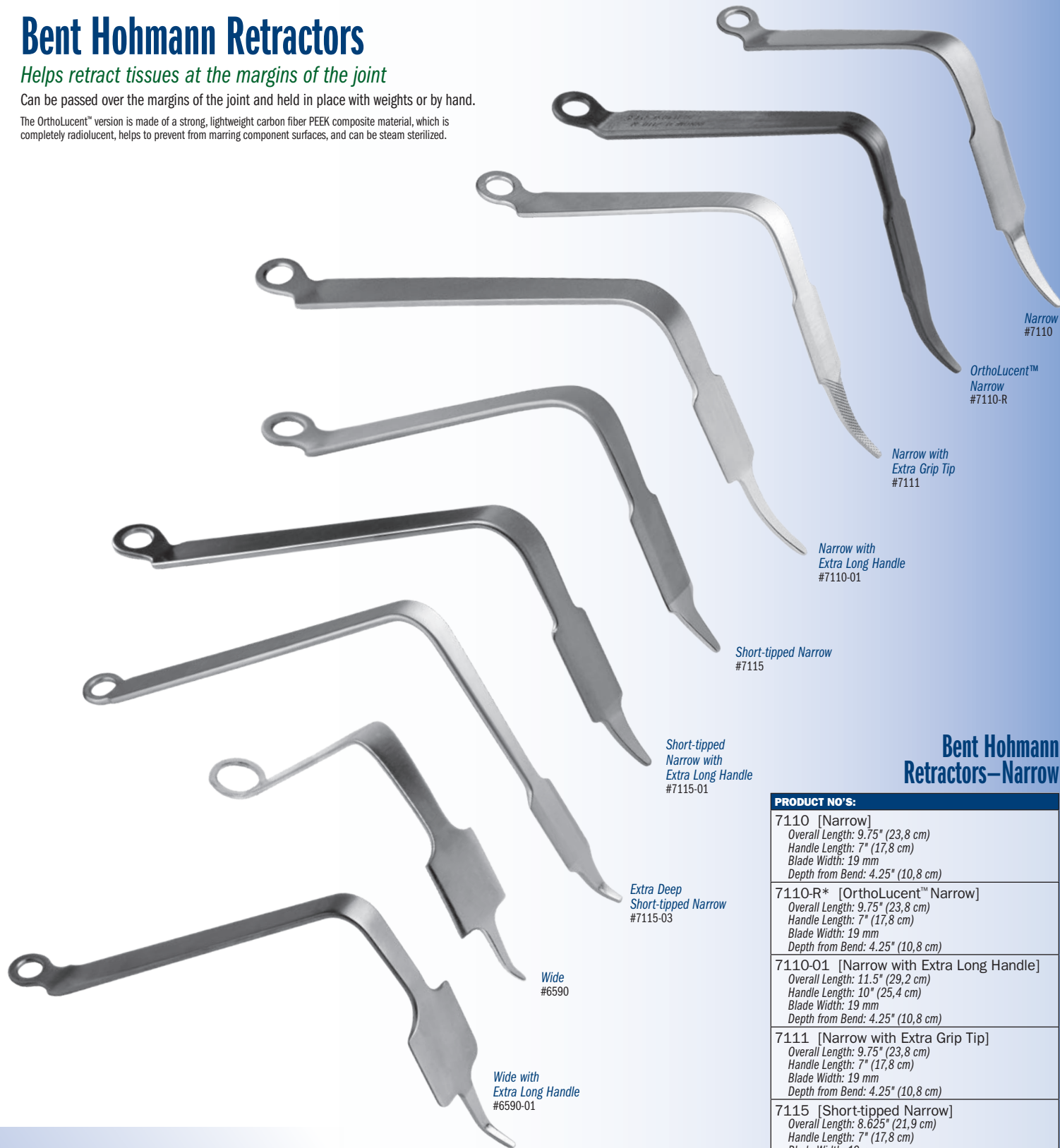


Bent Hohmann Retractors

Helps retract tissues at the margins of the joint

Can be passed over the margins of the joint and held in place with weights or by hand.

The OrthoLucent™ version is made of a strong, lightweight carbon fiber PEEK composite material, which is completely radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.



Narrow
#7110

OrthoLucent™
Narrow
#7110-R

Narrow with
Extra Grip Tip
#7111

Narrow with
Extra Long Handle
#7110-01

Short-tipped Narrow
#7115

Short-tipped
Narrow with
Extra Long Handle
#7115-01

Extra Deep
Short-tipped Narrow
#7115-03

Wide
#6590

Wide with
Extra Long Handle
#6590-01

Bent Hohmann Retractors—Narrow

PRODUCT NO'S:	
7110 [Narrow]	Overall Length: 9.75" (23,8 cm) Handle Length: 7" (17,8 cm) Blade Width: 19 mm Depth from Bend: 4.25" (10,8 cm)
7110-R* [OrthoLucent™ Narrow]	Overall Length: 9.75" (23,8 cm) Handle Length: 7" (17,8 cm) Blade Width: 19 mm Depth from Bend: 4.25" (10,8 cm)
7110-01 [Narrow with Extra Long Handle]	Overall Length: 11.5" (29,2 cm) Handle Length: 10" (25,4 cm) Blade Width: 19 mm Depth from Bend: 4.25" (10,8 cm)
7111 [Narrow with Extra Grip Tip]	Overall Length: 9.75" (23,8 cm) Handle Length: 7" (17,8 cm) Blade Width: 19 mm Depth from Bend: 4.25" (10,8 cm)
7115 [Short-tipped Narrow]	Overall Length: 8.625" (21,9 cm) Handle Length: 7" (17,8 cm) Blade Width: 19 mm Depth from Bend: 4.4" (11,2 cm)
7115-01 [Short-tipped Narrow with Extra Long Handle]	Overall Length: 11" (27,9 cm) Handle Length: 10" (25,4 cm) Blade Width: 19 mm Depth from Bend: 4.25" (10,8 cm)
7115-03 [Extra Deep Short-tipped Narrow]	Overall Length: 12.125" (31,1 cm) Handle Length: 9.75" (24,8 cm) Depth from Bend: 6.25" (15,9 cm) Blade Width: 19 mm

Extra Grip Tip design modification by Alfred A. Durham, MD
Short-tipped design modification by Carl DiRaimondo, MD

Modular Weights

Weights can be used to help hold the retractors in place

PRODUCT NO'S:	
3430-01	1.5 lbs. (.68 kg)
3430-02	2.0 lbs. (.91 kg)
3430-03	2.5 lbs. (1.13 kg) with attaching hook



Bent Hohmann Retractors—Wide

PRODUCT NO'S:	
6590 [Wide]	Overall Length: 9.375" (23,8 cm) Handle Length: 7" (17,8 cm) Blade Width: 41 mm Depth from Bend: 4.75" (12,1 cm)
6590-01 [Wide w/Extra Long Handle]	Overall Length: 11" (27,9 cm) Handle Length: 9" (22,9 cm) Blade Width: 41 mm Depth from Bend: 5.5" (14 cm)



Hohmann Retractor

Designed like the original Hohmann-style retractor

The OrthoLucent™ version is made of a strong, lightweight carbon fiber PEEK composite material, which is completely radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.



PRODUCT NO'S:	
4558 [Standard]	Blade Width: 16 mm Overall Length: 9.46" (24 cm)
4558-R* [OrthoLucent™]	Blade Width: 16 mm Overall Length: 9.46" (24 cm)
4558-01 [Extra Deep]	Blade Width: 16,7 mm Overall Length: 11.5" (29,2 cm)



*OrthoLucent™
MADE EXCLUSIVELY
FOR INNOVIMED IN
SWITZERLAND

Modified Blunt Hohmann Retractor

Used for soft tissue retraction

The OrthoLucent™ version is made of a strong, lightweight carbon fiber PEEK composite material, which is completely radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.



PRODUCT NO'S:	
4550 [Standard]	Blade Width at End: 11mm Overall Length: 10.75" (27,3 cm)
4550-R* [OrthoLucent™]	Blade Width at Widest: 24,5 mm Overall Length: 10.75" (27,3 cm)
4550-01 [Extra Deep]	Blade Width at End: 11 mm Overall Length: 13.25" (33,7 cm)



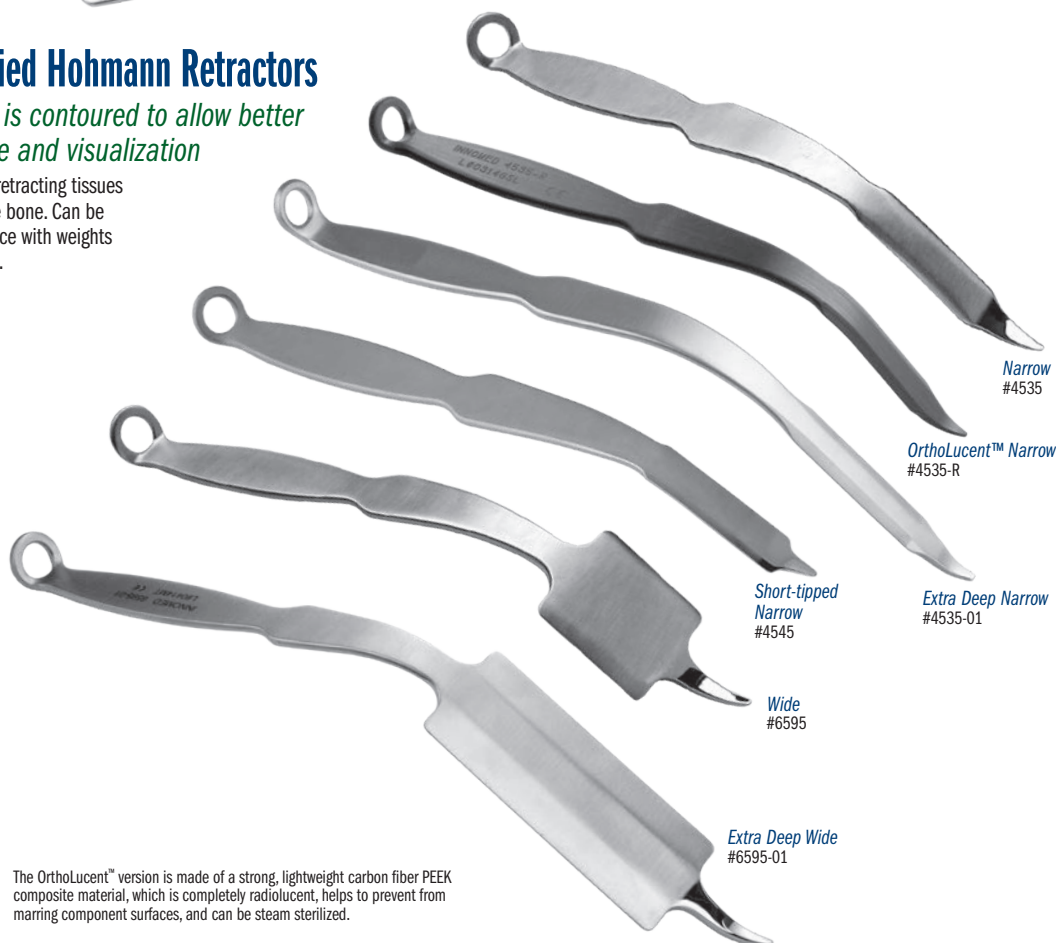
*OrthoLucent™
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FOR INNOVIMED IN
SWITZERLAND



Modified Hohmann Retractors

Handle is contoured to allow better leverage and visualization

Useful for retracting tissues around the bone. Can be held in place with weights or by hand.



PRODUCT NO'S:	
4535 [Narrow]	Overall Length: 10" (25,4 cm) Blade Width: 14 mm
4535-R* [OrthoLucent™ Narrow]	Overall Length: 10" (25,4 cm) Blade Width: 18 mm
4535-01 [Extra Deep Narrow]	Overall Length: 11.625" (29,5 cm) Blade Width: 16,4 mm
4545 [Short-tipped Narrow]	Designed by Carl DiRaimondo, MD Overall Length: 9.5" (24,1 cm) Blade Width: 14 mm
6595 [Wide]	Overall Length: 10" (25,4 cm) Blade Width: 42,5 mm
6595-01 [Extra Deep Wide]	Overall Length: 11.5" (29,2 cm) Blade Width: 42,5 mm



*OrthoLucent™
MADE EXCLUSIVELY
FOR INNOVIMED IN
SWITZERLAND

The OrthoLucent™ version is made of a strong, lightweight carbon fiber PEEK composite material, which is completely radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.

Dorr Curved Hohmann Acetabular Retractor

Placed over the top of the piriformis, helps retract the gluteus medius.

Dorr Narrow Bent Acetabular Retractors

Retracts the gluteus maximus off the trochanter and exposes the back of the greater trochanter. The long version is used with larger patients.

Dorr Bent Hohmann Acetabular Retractor

Placed between the capsule and outer external oblique muscle to protect medial circumflex vessels. The tip engages the condyloid notch bone (teardrop). Helps retract soft tissues during acetabular exposure.

PRODUCT NO'S:

D6105 [Dorr Curved Hohmann Acetabular]

Blade Width: 18,5 mm
Overall Length: 14" (35,6 cm)
Depth from Handle: 4.5" (11,4 cm)

D6108 [Dorr Narrow Bent Acetabular—Long]

Overall Length: 14.75" (37,5 cm)
Depth from Handle: 6" (15,2 cm)
Blade Width: 12,6 mm

D6110 [Dorr Narrow Bent Acetabular]

Overall Length: 15" (38,1 cm)
Depth from Handle: 4.75" (12,1 cm)
Blade Width at Widest: 12 mm

D6112 [Dorr Bent Hohmann Acetabular]

Overall Length: 14.5" (36,9 cm)
Depth from Handle: 6" (15,2 cm)
Blade Width: 21 mm

Dorr Curved Blade Bent Hohmann Retractors

Used for both femoral exposure—placed around the femoral neck or beneath the top of the femoral head—and acetabular exposure—posterior superior of the acetabulum.

Upward Double Bent Hohmann Retractor

Tapped into the ilium to help retract the femur for acetabular exposure.

PRODUCT NO'S:

D6106 [Dorr Curved Blade Bent Hohmann]

Overall Length: 13.5" (34,3 cm)
Depth from Handle: 4.5" (11,4 cm)
Blade Width: 40 mm

D6107 [Dorr Curved Blade Double Bent Hohmann]

Overall Length: 8.5" (21,6 cm)
Depth from Handle: 5" (12,7 cm)
Blade Width: 25 mm

D6114 [Upward Double Bent Hohmann]

Overall Length: 14" (35,6 cm)
Depth from Flat Part of Handle: 5.5" (14 cm)
Blade Width: 20,5 mm

Dorr Posterior Capsule and Sciatic Nerve Protection Retractors

Sits on the outer rim of the posterior inferior ilium to retract the posterior capsule for acetabular exposure and help to protect the sciatic nerve.

PRODUCT NO'S:

D6109-L [Dorr Posterior Capsule and Sciatic Nerve Protection Retractor—Left]

Overall Length: 14" (35,6 cm)
Depth from Handle: 6" (15,2 cm)
Blade Width at Widest: 44 mm

D6109-R [Dorr Posterior Capsule and Sciatic Nerve Protection Retractor—Right]

Overall Length: 14" (35,6 cm)
Depth from Handle: 6" (15,2 cm)
Blade Width at Widest: 44 mm

D6115-L [Dorr DEEP Posterior Capsular and Sciatic Nerve Prot. Retr.—Left]

Overall Length: 14.75" (37,5 cm)
Depth from Handle: 7.25" (18,4 cm)
Blade Width at Widest: 48 mm

D6115-R [Dorr DEEP Posterior Capsular and Sciatic Nerve Prot. Retr.—Right]

Overall Length: 14.75" (37,5 cm)
Depth from Handle: 7.25" (18,4 cm)
Blade Width at Widest: 48 mm

Dorr Femoral Neck Elevators

Placed under the proximal femur to help expose the femoral head. The wide version is useful with large patients, while the narrow is useful when broaching or when the implant is in place.

PRODUCT NO'S:

D6111 [Dorr Wide Femoral Neck Elevator]

Overall Length: 15" (38,1 cm)
Depth from Handle: 2" (5,1 cm)
Blade Width at Widest: 45 mm

D6113 [Dorr Narrow Femoral Neck Elevator]

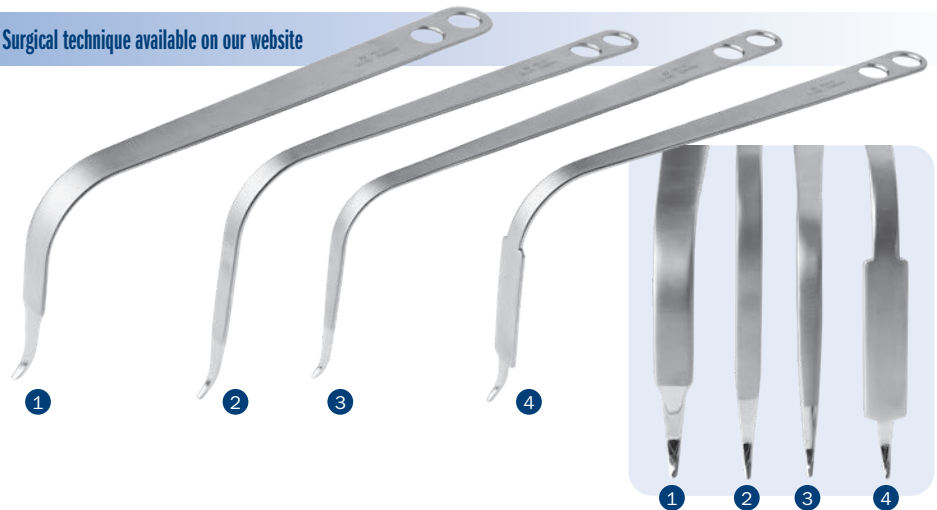
Overall Length: 13.75" (34,9 cm)
Depth from Handle: 2.25" (5,7 cm)
Blade Width: 25 mm

Dorr Hip Instruments

Designed by Lawrence D. Dorr, MD



Surgical technique available on our website





Modified Curved Double Bent Hohmann Retractor

Designed by Lawrence Dorr, MD. Design modification by
Bertrand P Kaper, MD

Designed to be placed on the anterior wall of the acetabulum, the double-bent angle allows for safe retraction of the reflected head of the rectus femoris, reducing concerns of over-retraction

PRODUCT NO:

D6107-MOD

Overall Length: 8.5" (21,6 cm)

Depth from Handle: 4.5" (11,4)

Blade Width: 27.4 mm



Penenberg Gluteus Retractors

Designed by Brad Penenberg, MD

PRODUCT NO'S:

7108-01 [Right]

Overall Length: 8.25" (21 cm)

Handle to Bend Length: 6.5" (16,5 cm)

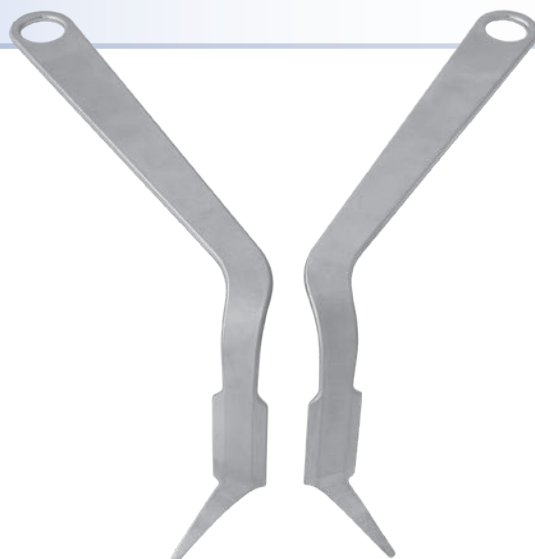
Depth from Bend: 4.25" (10,8 cm)

7108-02 [Left]

Overall Length: 8.25" (21 cm)

Handle to Bend Length: 6.5" (16,5 cm)

Depth from Bend: 4.25" (10,8 cm)



Curved Hohmann Retractor-Wide

PRODUCT NO:

6215

Overall Length: 13" (33 cm)

Handle Length: 12" (30,5 cm)

Blade Width: 43 mm



Short Tip Acetabular Retractor

Designed for retraction around the acetabulum

PRODUCT NO:

C1014

Overall Length: 13.25" (33,7 cm)

Blade Depth: 4.5" (11,4 cm)

Blade Width: 1" (2,54 cm)





Wetzel Modified Hohmann Retractor

Designed by Robert Wetzel, MD and Todd McKinley, MD

The long point is designed to be placed around, on, or through a bony structure and then levered back to retract tissue

The handle is contoured to allow better leverage and visualization. Can be held in place with weights or by hand.

PRODUCT NO:

4539

Overall Length: 10" (25,4 cm)

Blade Width: .85" (21,5 mm)



Lombardi Femoral/Gluteus Medius Minimus Retractor

Designed by Adolph V. Lombardi Jr., MD

Designed for acetabular exposure, and to retract the gluteus medius minimus during femoral reaming

For acetabular exposure, the retractor can be placed easily at the level of the ischium and driven into the ischium to retract the femur posteriorly when using an anterolateral approach to the hip. Also using an anterolateral approach or a modified Harding hip approach, the retractor can be placed in the tip of the greater trochanter and can effectively retract the abductor mechanism, namely the gluteus medius minimus so that reaming of the femur can be performed.



PRODUCT NO:

4235

Overall Length: 11.75" (29,8 cm)

Blade Width: 20 mm



Narrow Right Angle Retractor

Designed for soft tissue retraction

PRODUCT NO:

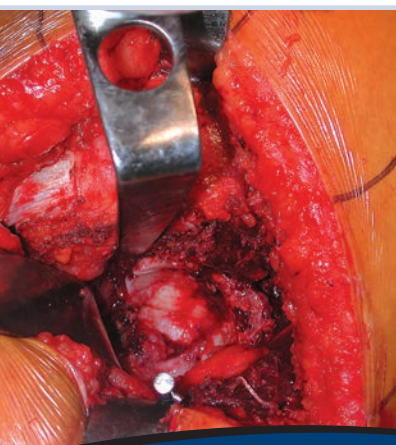
C1011

Overall Length: 8.5" (21,6 cm)

Handle Length: 6.75" (17,1 cm)

Blade Depth: 4.5" (11,4 cm)

Blade Width: .375" (1 cm)



Amstutz Femoral Retractor

Used for acetabular exposure

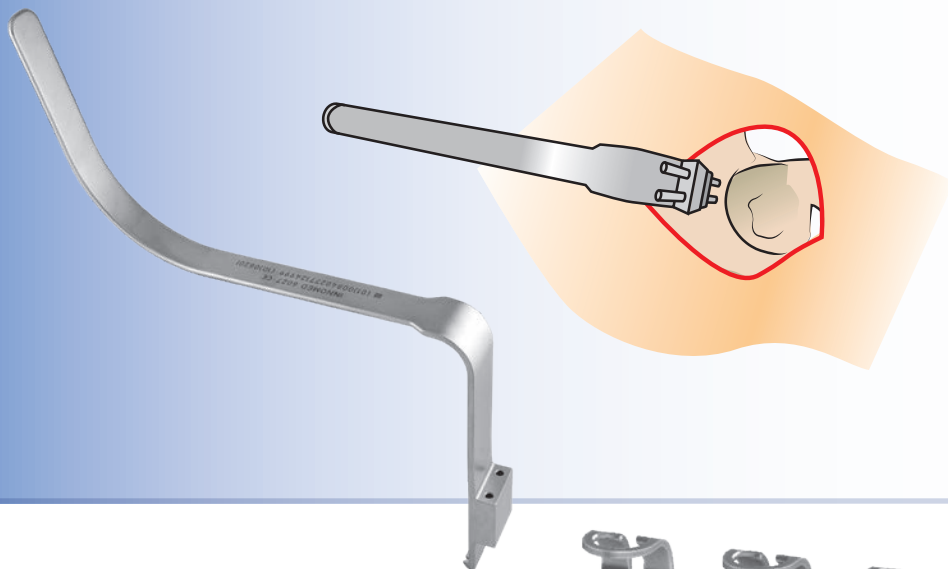
PRODUCT NO:

6410

Overall Length: 10.75" (27,3 cm)

Blade Width: 18 mm





Superior Retractor

Used for retraction around the acetabulum, can be self retaining with the use of 1/8" (3.2 mm) pins

PRODUCT NO'S:

6027
Overall Length: 12.75" (32.4 cm)
Depth from Bend: 5.5" (14 cm)
Blade Width: 1" (25.4 mm)
Holes for Pins Up to: 1/8" (3.2 mm)



Taylor Retractors

PRODUCT NO'S:

6330-01 [Standard]
Overall Length: 8" (20.3 cm)
Depth from Bend: 4" (10.2 cm)
Blade Width: 32 mm

6330-02 [Large]
Overall Length: 9" (23 cm)
Depth from Bend: 5.5" (14 cm)
Blade Width: 32 mm

6330-03 [Deep with Pin Guides]
Overall Length: 9" (23 cm)
Depth from Bend: 5.5" (14 cm)
Blade Width: 32 mm
Guide for Pins Up To: .125" (3.2 mm)



Modular Weights

Weights can be used to help hold the retractors in place.

PRODUCT NO'S:

3430-01 1.5 lbs. (.68 kg)
3430-02 2.0 lbs. (.91 kg)
3430-03 2.5 lbs. (1.13 kg)
with attaching hook



Posterior-Inferior Retractors

Designed by Wayne M. Goldstein, MD

Designed for Total Hip Surgery

The posterior-inferior retractor is placed with the point at 6 o'clock and the retractor's axilla resting on the ischium. The remaining blade of this retractor is used to retract the remaining capsule from the posterior lip of the acetabulum.

PRODUCT NO'S:

7625-01 [Small Right]
Overall Length: 10.75" (27.3 cm)
Handle-to-Bend Length: 5.5" (14 cm)

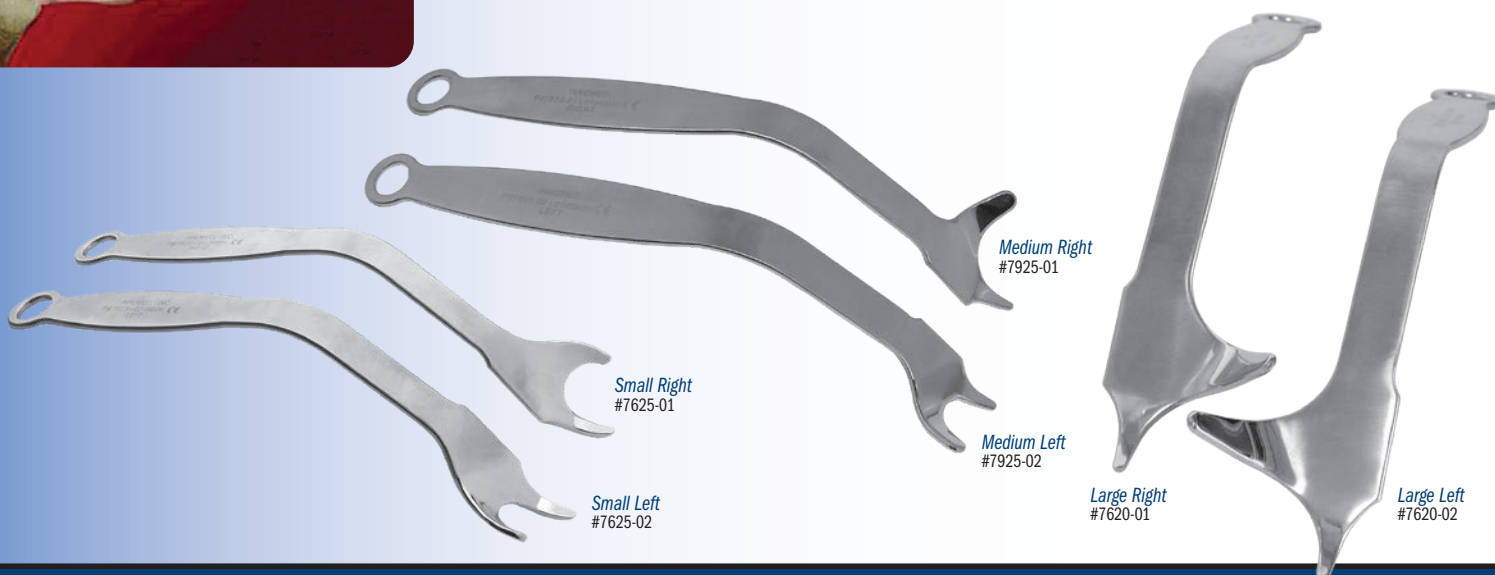
7625-02 [Small Left]
Overall Length: 10.75" (27.3 cm)
Handle-to-Bend Length: 5.5" (14 cm)

7925-01 [Medium Right]
Overall Length: 11" (27.9 cm)
Handle-to-Bend Length: 7" (17.8 cm)

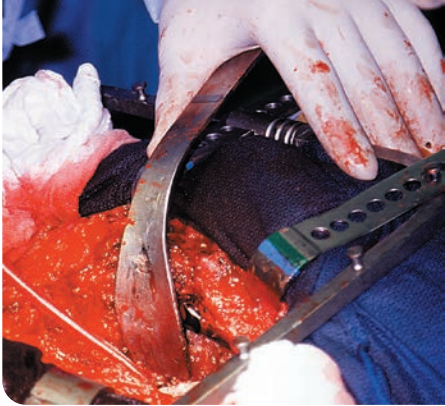
7925-02 [Medium Left]
Overall Length: 11" (27.9 cm)
Handle-to-Bend Length: 7" (17.8 cm)

7620-01 [Large Right]
Overall Length: 12" (30.5 cm)
Handle-to-Bend Length: 6" (15.2 cm)

7620-02 [Large Left]
Overall Length: 12" (30.5 cm)
Handle-to-Bend Length: 6" (15.2 cm)



Cobra Retractors *A general purpose instrument for use around the femur and acetabulum*



Lighted retractor comes with one (1) Disposable LED Light Source (see page 39), and can also be attached to a fiber optic light cable with ACMI (female) connector. Retractor can be steam sterilized.

The OrthoLucent™ version is made of a strong, lightweight carbon fiber PEEK composite material, which is completely radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.

PRODUCT NO'S:	
6129 [Standard w/Sharp Tip]	Overall Length: 12" (30,5 cm) Handle Length: 7" (17,8 cm) Blade at Widest: 33 mm
6130 [Standard]	Overall Length: 12" (30,5 cm) Handle Length: 7" (17,8 cm) Blade at Widest: 33 mm
6130-H [Standard with Ergo. Handle]	Overall Length: 12" (30,5 cm) Ergonomic Handle Length: 5" (12,7 cm) Blade at Widest: 33 mm
6130-L-01 [Lighted Standard]	Overall Length: 12" (30,5 cm) Handle Length: 7" (17,8 cm) Blade Width at Widest: 33 mm
6130-R* [OrthoLucent™ Standard]	Overall Length: 12" (30,5 cm) Handle Length: 7" (17,8 cm) Blade Width at Widest: 33 mm
6132 [Medium]	Overall Length: 12" (30,5 cm) Handle Length: 7" (17,8 cm) Blade at Widest: 46 mm
6140 [Wide]	Overall Length: 11.75" (29,8 cm) Handle Length: 7" (17,8 cm) Blade at Widest: 56 mm



Standard
with Sharp Tip
#6129

Standard
#6130

Standard with
Ergonomic Handle
#6130-H

Lighted Standard
#6130-L-01

OrthoLucent™
Standard
#6130-R

Medium
#6132

Wide
#6140

Narrow Cobra Retractors

A general purpose instrument for use around the femur and acetabulum in minimally invasive surgery

Lighted retractor comes with one (1) Disposable LED Light Source (see page 39), and can also be attached to a fiber optic light cable with ACMI (female) connector. Retractor can be steam sterilized.

PRODUCT NO'S:	
6120-04 [XL Narrow]	Overall Length: 15.5" (39,4 cm) Handle Length: 11" (27,9 cm) Blade Width: 19 mm
6120 [Narrow]	Overall Length: 11.75" (29,8 cm) Handle Length: 6.5" (16,5 cm) Blade Width: 19 mm
6120-L-01 [Lighted Narrow]	Overall Length: 11.75" (29,8 cm) Handle Length: 6.5" (16,5 cm) Blade Width: 19 mm



XL Narrow
#6120-04

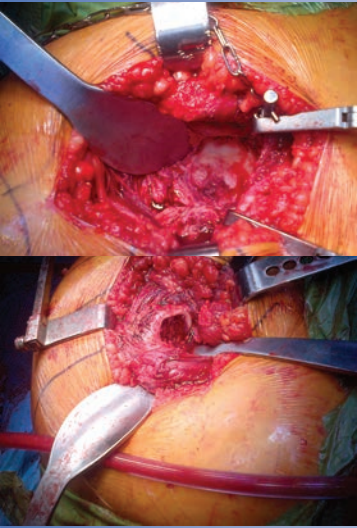
Narrow
#6120

Lighted Narrow
#6120-L-01

Modified Cobra Retractor

A general purpose instrument for use around the femur and acetabulum

PRODUCT NO:
C1012
Overall Length: 14.5" (36,9 cm)
Blade Depth: 5.25" (13,3 cm)
Blade Width: 1" (2,54 cm)



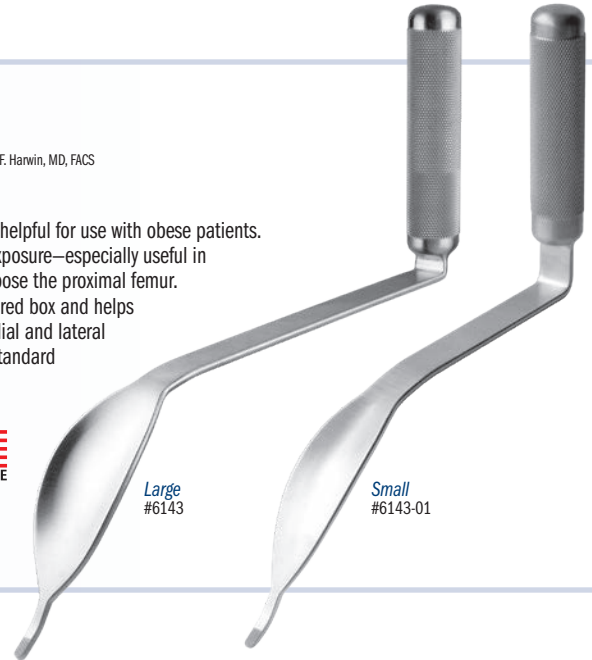
Harwin Modified Cobra Retractor

Designed by Steven F. Harwin, MD, FACS

Designed for use during total hip and knee surgery

The long handle and obtuse angle provide ergonomic leverage—especially helpful for use with obese patients. In total hip surgery, the wide, concave blade design allows for enhanced exposure—especially useful in anterior hip surgery with the placement of reamers, and to elevate and expose the proximal femur. In total knee surgery, the wide blade of the large retractor spans the prepared box and helps bring the tibia forward. The small retractor helps with retraction of the medial and lateral structures, where the wide, concave blade provides added exposure over standard bent Hohmann retractors. The serrated tip helps improve stability.

PRODUCT NO'S:
6143 [Large]
Overall Length: 14.75" (37,5 cm)
Blade Width: 43.2 mm
Tongue: 25 mm x 5 mm
6143-01 [Small]
Overall Length: 12.5" (31,8 cm)
Blade Width: 30 mm
Tongue: 25 mm x 5 mm



Narrow Cobra-style Retractor with Large Handle

Designed for use around the femur and acetabulum

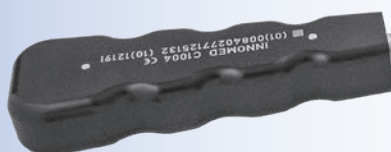
PRODUCT NO:
C1005
Overall Length: 17.5" (34,5 cm)
Depth from handle: 7" (17,8 cm)



New!

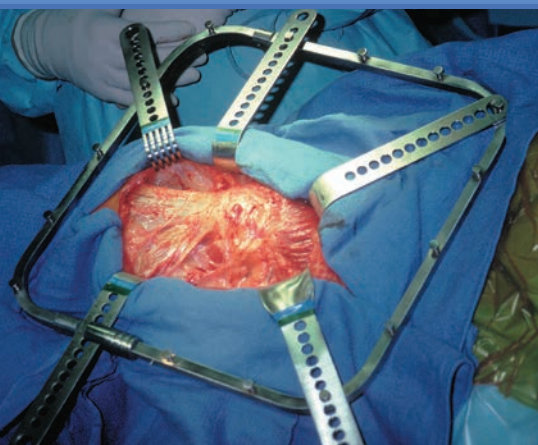
Rib Periosteal Rasp

PRODUCT NO:
C1004
Overall Length: 17" (43,2 cm)
Handle Length: 5" (12,7 cm)
Rasp Pad: 7,5 x 12 mm



Self-Retaining Hip Surgery Retractor System

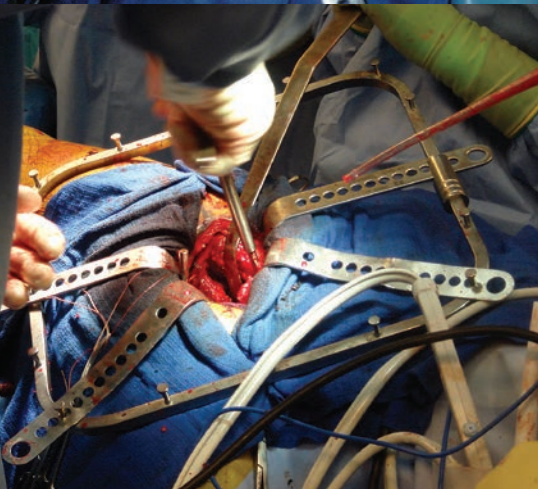
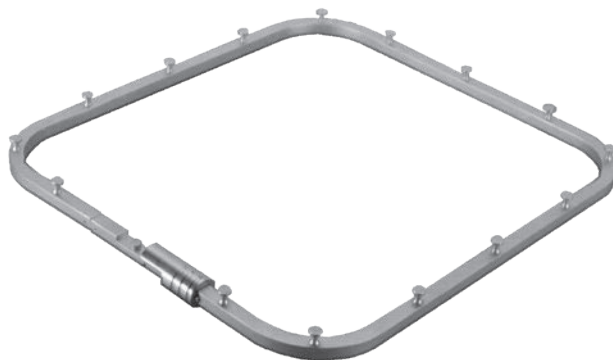
Designed by S. David Stulberg, MD



Square Frame

PRODUCT NO:

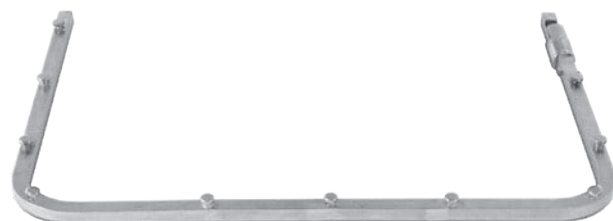
7450-01D
12.75" x 11.25" (32,4 cm x 28,6 cm)



Standard Frame

PRODUCT NO'S:

7450-01A [Standard]
12.75" x 9.5" (32,4 cm x 24,1 cm)
7450-01B [Medium]
9.75" x 9.5" (24,4 cm x 24,1 cm)



Double Locking Standard Frame

Designed by Matthew P. Lorei, MD

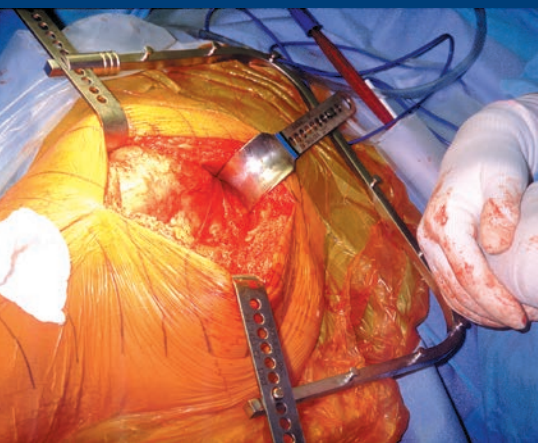
PRODUCT NO'S:

7430 [Standard]
12.75" x 9.5" (32,4 cm x 24,1 cm)



Designed with a second sliding blade lock for enhanced stability, especially in obese patients

Allows both locked blades to be fully adjustable, yet with the ability to be securely fixed, diminishing the chance for shifting, and allowing for more secure self-retaining exposure.



Charnley-Type Frame

PRODUCT NO'S:

7445 [Standard] 12" x 9.5" (30,5 cm x 24,1 cm)
7445-01B [Narrow] 10" x 9.5" (25,4 cm x 24,1 cm)

Charnley-type frames come standard with 1 each:

7445-02 Rounded 2" (51 mm) Charnley Blade

7450-02 2" (51 mm) Standard Blade

7455-02 2" (51 mm) Charnley Blade

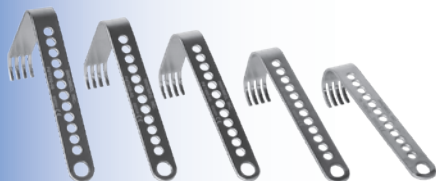
Frames also sold individually:

7445-01 [Standard]

7445-01B-01 [Narrow]

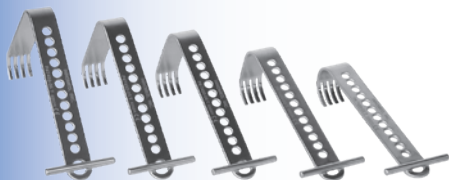
Can be used with any blade style





Standard Blades

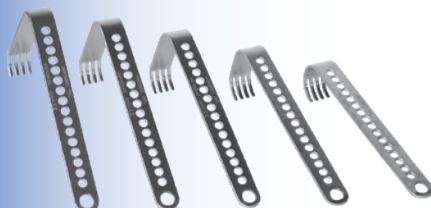
PRODUCT NO'S:	
Handle Length: 6" (15,2 cm)	
7450-02	2" (5,1 cm) blade depth
7450-03	3" (7,6 cm) blade depth
7450-04	4" (10,2 cm) blade depth
7450-05	5" (12,7 cm) blade depth
7450-06	6" (15,2 cm) blade depth



Standard Blades with T-Handle

T-bar handles help prevent the hand from slipping

PRODUCT NO'S:	
7450-02T	2" (5,1 cm) blade depth
7450-03T	3" (7,6 cm) blade depth
7450-04T	4" (10,2 cm) blade depth
7450-05T	5" (12,7 cm) blade depth
7450-06T	6" (15,2 cm) blade depth



Long Standard Blades

PRODUCT NO'S:	
Handle Length: 8" (20,3 cm)	
7451-02	2" (5,1 cm) blade depth
7451-03	3" (7,6 cm) blade depth
7451-04	4" (10,2 cm) blade depth
7451-05	5" (12,7 cm) blade depth
7451-06	6" (15,2 cm) blade depth



OrthoLucent™ Standard Blades

PRODUCT NO'S:	
Handle Length: 6" (15,2 cm)	
7450-02R	2" (5,1 cm) blade depth
7450-03R	3" (7,6 cm) blade depth
7450-04R	4" (10,2 cm) blade depth

Mobile Body Assemblies

PRODUCT NO:	
7447	[One Body Assembly]

Position retractors exactly where you want them!

Moveable-peg system allows for precise interoperable retractor positioning adjustments
Works with any existing frame system



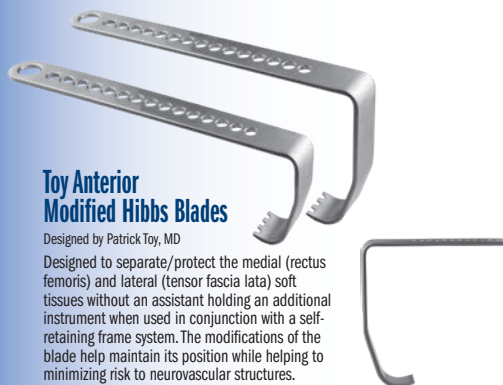
3-Prong Rake Blade

PRODUCT NO:	
7450-10A	1" (2,5 cm) blade depth



5-Prong Rake Blade

PRODUCT NO:	
7450-10B	1" (2,5 cm) blade depth



Toy Anterior Modified Hibbs Blades

Designed by Patrick Toy, MD

Designed to separate/protect the medial (rectus femoris) and lateral (tensor fascia lata) soft tissues without an assistant holding an additional instrument when used in conjunction with a self-retaining frame system. The modifications of the blade help maintain its position while helping to minimizing risk to neurovascular structures.

PRODUCT NO'S:	
7453	[Standard] 3.875" (9,8 cm) blade depth
7454	[Shallow] 2.75" (7 cm) blade depth



Extra Large Standard Blades

Designed by Andrew D. Bunta, MD

Help retract soft tissue in larger patients

PRODUCT NO'S:	
7470-02	2" (5,1 cm) blade depth
7470-03	3" (7,6 cm) blade depth
7470-04	4" (10,2 cm) blade depth



Wide Standard Blades

PRODUCT NO'S:	
Blade Width: 2" (5,1 cm)	
7450-W-02	2" (5,1 cm) blade depth
7450-W-03	3" (7,6 cm) blade depth
7450-W-04	4" (10,2 cm) blade depth
7450-W-05	5" (12,7 cm) blade depth
7450-W-06	6" (15,2 cm) blade depth



Extra Wide Blades

Designed by Andrew D. Bunta, MD

PRODUCT NO'S:	
Blade Width: 2.75" (7 cm)	
7460-01	2.5" (5,1 cm) blade depth
7460-02	3.25" (8,3 cm) blade depth



Soft Tissue Blades

PRODUCT NO'S:	
7450-09A	[Standard] 2" (5,1 cm) blade depth
7450-09B	[Deep] 2.5" (6,4 cm) blade depth



Hohmann Style Blades

PRODUCT NO'S:	
7450-08A	[Standard] 4" (10,2 cm) blade depth
7450-08B	[Deep] 6" (15,2 cm) blade depth



Bennett Style Blade

PRODUCT NO'S:	
7450-07A	[Standard] 4" (10,2 cm) blade depth



New!
Blades with Teeth

PRODUCT NO'S:	
Blade Width: 1" (2,54 cm)	
C1013	2.5" (6,4 cm) blade depth
C1013-01	4" (10,2 cm) blade depth

Retractor Blades for Charnley-type Frame



PRODUCT NO'S:	
7445-02	Rounded 2" (5,1 cm) blade depth
7445-03	Rounded 2.5" (6,4 cm) blade depth
7445-04	Rounded 3.5" (8,9 cm) blade depth
7455-02	2" (5,1 cm) blade depth
7455-03	3" (7,6 cm) blade depth
7455-04	4" (10,2 cm) blade depth
7455-06	6" (15,2 cm) blade depth

Wedges for Frames

Help stabilize retractor blades

PRODUCT NO'S:	
7450-89	[Thin Wedge] Overall Length: 1.75" (4,4 cm) Wedge Thickness: 4 mm
7450-99	[Thick Wedge] Overall Length: 1.75" (4,4 cm) Wedge Thickness: 8 mm



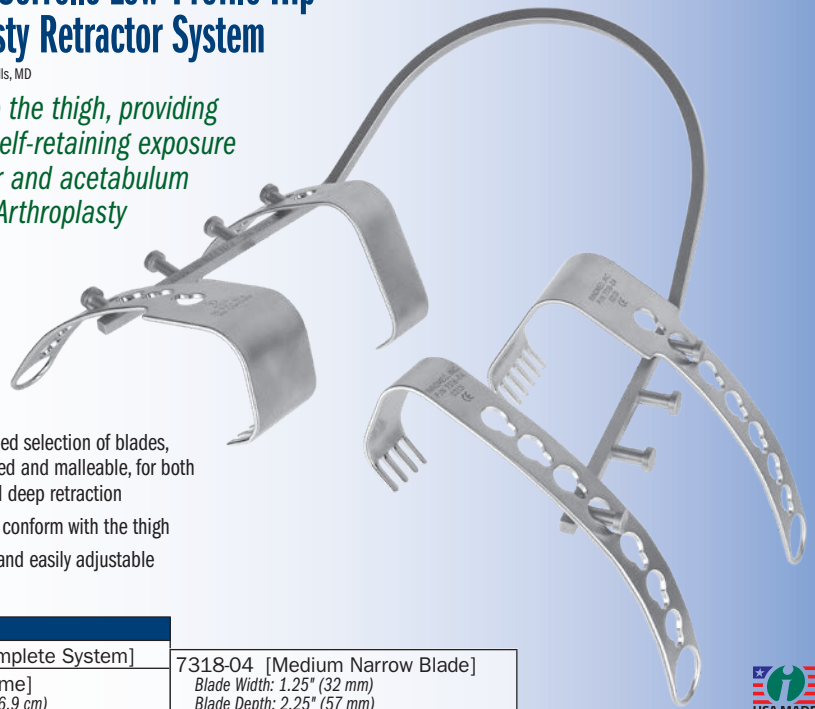


Charnley/Sorrells Low-Profile Hip Arthroplasty Retractor System

Designed by R. Barry Sorrells, MD

Conforms to the thigh, providing low-profile self-retaining exposure of the femur and acetabulum in Total Hip Arthroplasty

- Provides a varied selection of blades, both pre-shaped and malleable, for both superficial and deep retraction
- Curved blades conform with the thigh
- Self-retaining and easily adjustable



PRODUCT NO'S:

7318-00 [Complete System]	7318-04 [Medium Narrow Blade]	
7318-01 [Frame]	Blade Width: 1.25" (32 mm)	
Length: 14.5" (36,9 cm)	Blade Depth: 2.25" (57 mm)	
Maximum Width: 12" (30,5 cm)	Overall Length: 8.5" (21,6 cm)	
7318-02 [Small Narrow Blade]	7318-05 [Medium Wide Blade]	7318-07 [Large Narrow Blade]
Blade Width: 1.25" (32 mm)	Blade Width: 2" (51 mm)	Blade Width: 1.25" (32 mm)
Blade Depth: 1.25" (32 mm)	Blade Depth: 2.25" (57 mm)	Blade Depth: 3.25" (83 mm)
Overall Length: 8.5" (21,6 cm)	Overall Length: 8.5" (21,6 cm)	Overall Length: 8.5" (21,6 cm)
7318-03 [Small Wide Blade]	7318-06 [Medium Malleable Blade]	7318-08 [Large Wide Blade]
Blade Width: 2" (51 mm)	Blade Width: 1.25" (32 mm)	Blade Width: 2" (51 mm)
Blade Depth: 1.25" (32 mm)	Blade Depth: 2.25" (57 mm)	Blade Depth: 3.25" (83 mm)
Overall Length: 8.5" (21,6 cm)	Overall Length: 8.5" (21,6 cm)	Overall Length: 8.5" (21,6 cm)



COMPLETE SYSTEM INCLUDES:

- (1) Low-Profile Frame
- (2) Small Retractors – (1) Narrow, (1) Wide
- (3) Medium Retractors – (1) Narrow, (1) Wide, (1) Malleable Narrow
- (2) Large Retractors – (1) Narrow, (1) Wide

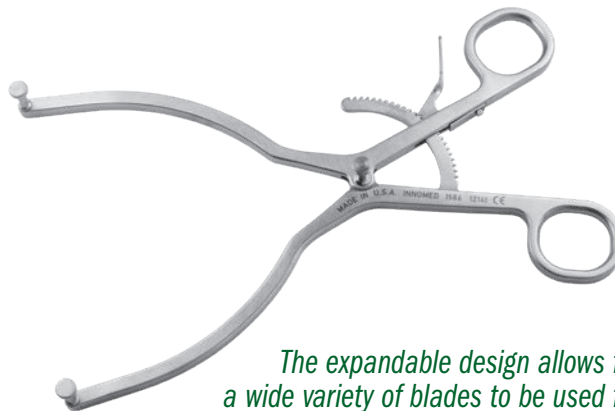
Self-Retaining Tension Retractor

PRODUCT NO:

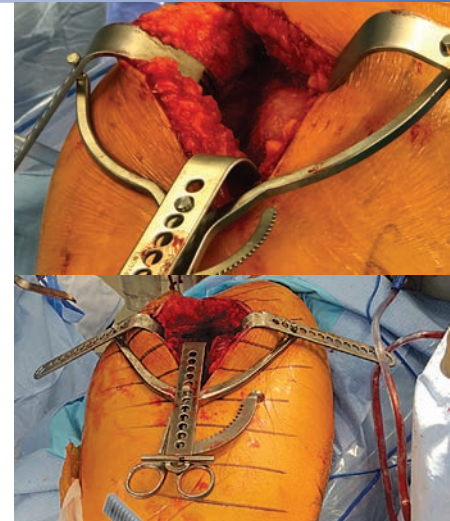
1586
Overall Length: 8.875" (22,5 cm)
Maximum Width at Pegs: 8" (20,3 cm)



Handle only – blades not included. See page 35 for additional blade styles.



The expandable design allows for a wide variety of blades to be used for exposure in total joint and trauma procedures



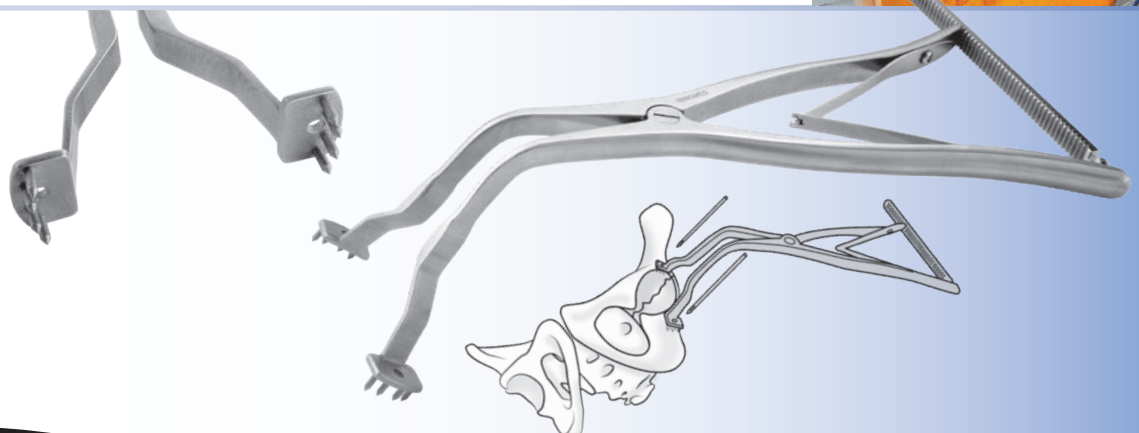
Paprosky Acetabular Spreader

Designed by Wayne Paprosky, MD

Designed to distract an acetabular discontinuity

PRODUCT NO:

1879
Overall Length: 12" (30,5 cm)
Pads: 14 mm x 22 mm





Medial Acetabular Retractors

Designed for acetabular exposure during total hip surgery

New!

PRODUCT NO'S:

C1001 [Left]

Overall Length: 15" (38,1 cm)

Handle Length: 6" (15,2 cm)

Blade Width: 18 mm

C1002 [Right]

Overall Length: 15" (38,1 cm)

Handle Length: 6" (15,2 cm)

Blade Width: 18 mm



Right
#C1002

Left
#C1001

Inferior Acetabular Retractors

Help provide better access to the intramedullary canal



PRODUCT NO'S:

6250 [Standard]

Overall Length: 12" (30,5 cm)

Handle Length: 8" (20,3 cm)

Blade Height Above Prongs: 3" (7,6 cm)

Blade Width: 51 mm

Prong Width: 5,1 mm | 9,7 mm Gap | 5,1 mm

6255 [Narrow]

Overall Length: 12" (30,5 cm)

Handle Length: 8" (20,3 cm)

Blade Height Above Prongs: 3.25" (8,3 cm)

Blade Width: 32 mm

Prong Width: 5,1 mm | 9,7 mm Gap | 5,1 mm



Standard
#6250

Narrow
#6255

Modified Double Prong Acetabular Retractor with Center Prongs

Retracts the femur anteriorly during total hip arthroplasty

Designed to retract the femur anteriorly during total hip arthroplasty. It is hooked over the anterior pelvic brim. Weights can be added to assist in exposure and to help hold the retractor in place.

PRODUCT NO'S:

6170 [Standard]

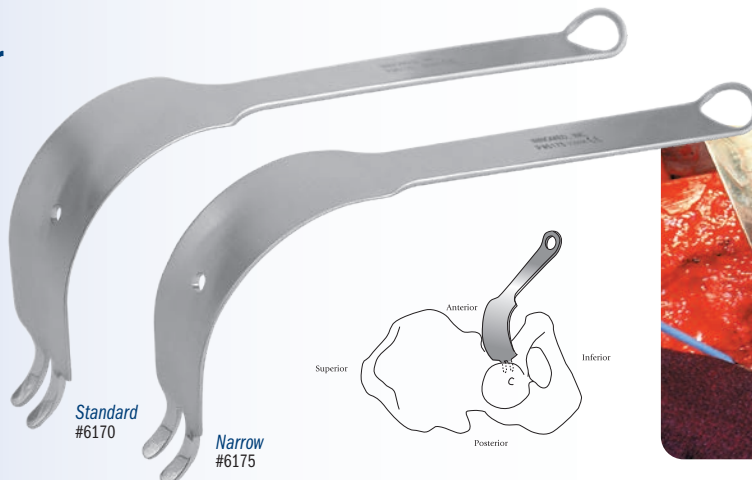
Blade Width: 44 mm

Overall Length: 12.5" (31,8 cm)

6175 [Narrow]

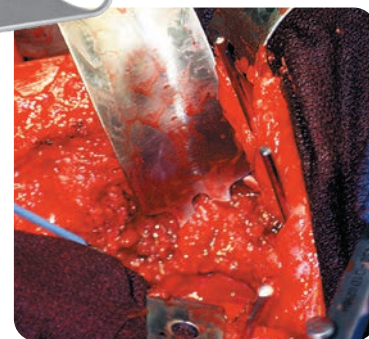
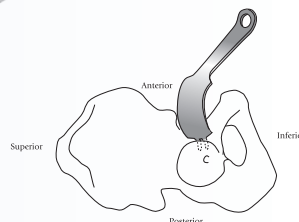
Blade Width: 32 mm

Overall Length: 12.5" (31,8 cm)



Standard
#6170

Narrow
#6175



MIS Hip Retractor

PRODUCT NO:

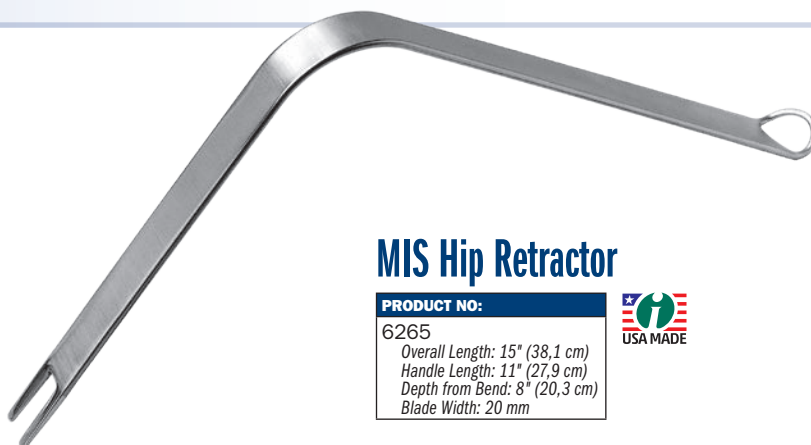
6265

Overall Length: 15" (38,1 cm)

Handle Length: 11" (27,9 cm)

Depth from Bend: 8" (20,3 cm)

Blade Width: 20 mm



Minimally Invasive Total Hip Surgery Retractors

Designed by S. David Stulberg, MD

Surgical technique available on our website

Instruments designed to help reduce soft tissue trauma in Single Incision Minimally Invasive Total Hip Surgery



Single Prong Double Bent Hohmann Acetabular Retractor – Extra Long

PRODUCT NO'S:	
6210-04 [Standard Blade] Overall Length: 16.25" (41,3 cm) Blade and Tip Length: 3" (7,6 cm) Blade Width: 15 mm	6214 [Longer Blade] Overall Length: 18" (45,7 cm) Blade and Tip Length: 5" (12,7 cm) Blade Width: 15 mm



Single & Double Prong Double Bent Hohmann Acetabular Retractor – Long

PRODUCT NO'S:	
6210-02 [Single Prong Standard Blade] Overall Length: 12.5" (31,8 cm) Blade and Tip Length: 3" (7,6 cm) Blade Width: 15 mm	6213 [Single Prong Longer Blade] Overall Length: 15" (38,1 cm) Blade and Tip Length: 5" (12,7 cm) Blade Width: 15 mm
6210-02L-01 [Lighted Single Prong Standard Blade] Overall Length: 12.5" (31,8 cm) Blade and Tip Length: 3" (7,6 cm) Blade Width: 15 mm	6220 [Double Prong Standard Blade] Overall Length: 12.5" (31,8 cm) Blade and Tip Length: 3" (7,6 cm) Blade Width: 15 mm



Lighted retractor comes with one (1) Disposable LED Light Source (see page 39), and can also be attached to a fiber optic light cable with ACMI (female) connector. Retractor can be steam sterilized.



Single Prong Double Bent Hohmann Acetabular Retractor

PRODUCT NO'S:	
6210 [Standard Blade] Overall Length: 10.5" (26,7 cm) Blade and Tip Length: 2.5" (6,4 cm) Blade Width: 15 mm	6212 [Longer Blade] Overall Length: 11.25" (28,6 cm) Blade and Tip Length: 3.5" (8,9 cm) Blade Width: 15 mm



Modular Weights

PRODUCT NO'S:	
3430-01	1.5 lbs. (.68 kg)
3430-02	2.0 lbs. (.91 kg)
3430-03	2.5 lbs. (1.13 kg) with attaching hook



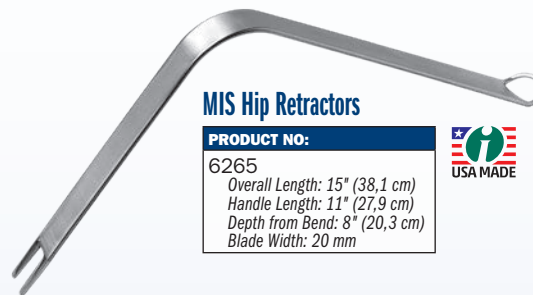
Narrow Proximal Femoral Elevator

PRODUCT NO'S:	
3420-05 [Standard Prongs] Overall Length: 11.5" (29,2 cm) Handle Length: 6.5" (16,5 cm) Blade Width at Widest: 45 mm	



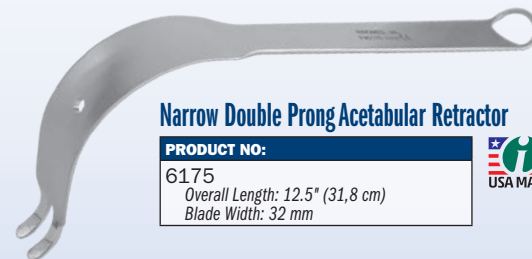
MIS Hip Retractors

PRODUCT NO:	
6265 Overall Length: 15" (38,1 cm) Handle Length: 11" (27,9 cm) Depth from Bend: 8" (20,3 cm) Blade Width: 20 mm	



Narrow Double Prong Acetabular Retractor

PRODUCT NO:	
6175 Overall Length: 12.5" (31,8 cm) Blade Width: 32 mm	



Narrow Cobra Retractors

PRODUCT NO'S:	
6120 [Narrow] Overall Length: 11.75" (29,8 cm) Handle Length: 6.5" (16,5 cm) Blade Width: 19 mm	
6120-04 [Extra Long Narrow] Overall Length: 15.5" (39,4 cm) Handle Length: 11" (27,9 cm) Blade Width: 19 mm	





Minimally Invasive Hip Surgery Retractors

*Designed to be used in various
minimally invasive hip exposures*



PRODUCT NO'S:

S3023 [MIH Hip Retractor] Overall Length: 13" (33 cm) Blade Width: 25 mm
S3024 [MIH Hip Retractor-blunt tip] Overall Length: 14.5" (36,9 cm) Blade Width: 25 mm
S3025 [MIH Offset Retractor] Overall Length: 14" (35,6 cm) Blade Width: 32 mm
S3026 [MIH Long Hohmann Retractor] Overall Length: 14.75" (37,5 cm) Blade Width: 40 mm
S3027 [MIH Long Hohmann Retractor-curved, short blade] Overall Length: 12.25" (31,1 cm) Blade Width: 34 mm
S3028 [MIH Long Hohmann Retractor-curved, long blade] Overall Length: 14" (35,6 cm) Blade Width: 39 mm
S3029 [MIH Long Hohmann Retractor-narrow] Overall Length: 14.75" (37,5 cm) Blade Width: 22 mm
S3029-01 [MIH Long Hohmann Retractor - narrow with short tip] Overall Length: 14.5" (36,9 cm) Blade Width: 22 mm
S3030 [MIH Small Hohmann Retractor] Overall Length: 11.5" (29,2 cm) Blade Width: 19 mm



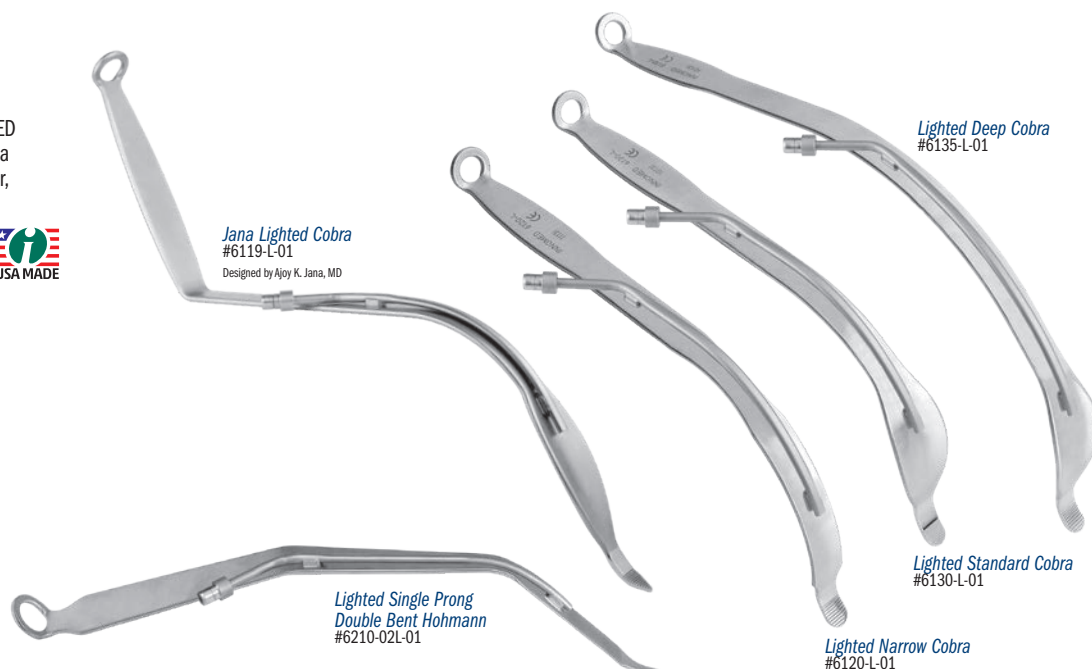
Lighted Hip Retractors

For enhanced visual exposure

Lighted retractors come with one (1) Disposable LED Light Source (#8010-01), can also be attached to a fiber optic light cable with ACMI (female) connector, and are steam sterilizable.

PRODUCT NO'S:

6119-L-01 [Jana Lighted Cobra] Overall Length: 14.2" (36 cm) Blade at Widest: 33 mm
6120-L-01 [Lighted Narrow Cobra] Overall Length: 11.75" (29,8 cm) Handle Length: 6.5" (16,5 cm) Blade Width: 19 mm
6130-L-01 [Lighted Standard Cobra] Overall Length: 12" (30,5 cm) Handle Length: 7" (17,8 cm) Blade Width at Widest: 33 mm
6135-L-01 [Lighted Deep Cobra] Overall Length: 14.5" (36,9 cm) Handle Length: 7" (17,8 cm) Blade Width at Widest: 33 mm
6210-02L-01 [Lighted Single Prong Double Bent Hohmann] Overall Length: 12.5" (31,8 cm) Blade and Tip Length: 3" (76 mm) Blade Width: 15 mm



Disposable LED Light Source

PRODUCT NO'S:
8010-01 PACKAGE OF 1
8010-10 PACKAGE OF 10



Light Source Cable Adapters



PRODUCT NO'S:
8009-S [ACMI to Storz Adapter]
8009-W [ACMI to Wolf Adapter]

Minimal Incision Total Hip Retractors

Designed By Wayne M. Goldstein, MD

Used in conjunction with a charnley-type frame and blade system (SEE PAGE 34).

Surgical technique available on our website

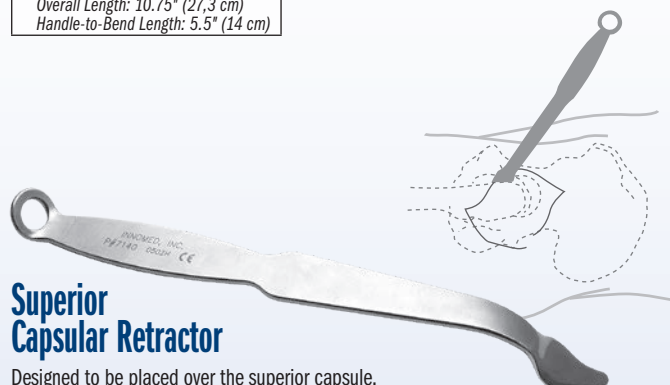
Instruments designed for Minimal Incision Total Hip Surgery using the standard posterior lateral approach



Posterior-Inferior Retractors

The posterior-inferior retractor is placed with the point at 6 o'clock and the retractor's axilla resting on the ischium. The remaining blade of this retractor is used to retract the remaining capsule from the posterior lip of the acetabulum.

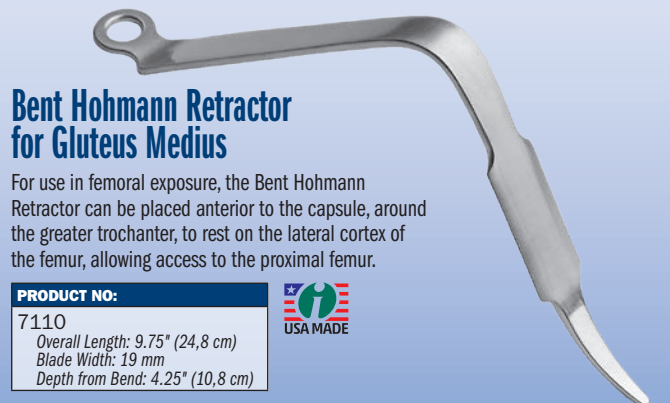
PRODUCT NO'S:	
7625-01 [Small Right]	
Overall Length: 10.75" (27.3 cm)	
Handle-to-Bend Length: 5.5" (14 cm)	
7625-02 [Small Left]	
Overall Length: 10.75" (27.3 cm)	
Handle-to-Bend Length: 5.5" (14 cm)	



Superior Capsular Retractor

Designed to be placed over the superior capsule.

PRODUCT NO:	
7140	
Overall Length: 9.375" (23.8 cm)	
Blade Width at Widest: 19 mm	



Bent Hohmann Retractor for Gluteus Medius

For use in femoral exposure, the Bent Hohmann Retractor can be placed anterior to the capsule, around the greater trochanter, to rest on the lateral cortex of the femur, allowing access to the proximal femur.

PRODUCT NO:	
7110	
Overall Length: 9.75" (24.8 cm)	
Blade Width: 19 mm	
Depth from Bend: 4.25" (10.8 cm)	



Blunt Right Angle Posterior Capsular Retractor

The right-angle capsular retractors help retract and provide additional exposure around the acetabulum—either posterior or superior

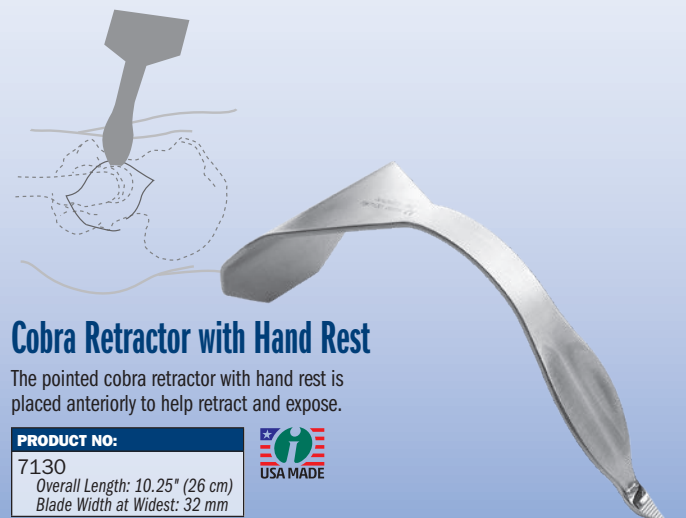
PRODUCT NO:	
7120	
Overall Length: 8" (20.3 cm)	
Blade Width: 32 mm	
Blade Depth: 3.25" (8.9 cm)	



Right Angle Posterior Capsular Retractor

Using a finger, the underside of the gluteus medius tendon can be palpated and the curved end of this Hibbs-style retractor can be placed and pulled anteriorly. The right angle end of the retractor can be used later in a similar fashion to the Blunt Right Angle Retractor described above.

PRODUCT NO'S:	
7180 [With Teeth]	7180-01 [No Teeth]
Overall Length: 8" (20.3 cm)	Overall Length: 8" (20.3 cm)
Blade Width: 32 mm	Blade Width: 32 mm
Blade Depth: 3.5" (8.9 cm)	Blade Depth: 3.5" (8.9 cm)



Cobra Retractor with Hand Rest

The pointed cobra retractor with hand rest is placed anteriorly to help retract and expose.

PRODUCT NO:	
7130	
Overall Length: 10.25" (26 cm)	
Blade Width at Widest: 32 mm	



OrthoLucent™
PCL Retractor
#2820-R

OrthoLucent™
Chandler Retractor
#3220-02R

OrthoLucent™
Modified Narrow Hohmann Retractor
#4535-R

OrthoLucent™
Modified Blunt Hohmann Retractor
#4550-R

OrthoLucent™
Standard Hohmann Retractor
#4558-R

OrthoLucent™
Cobra Retractor
#6130-R

OrthoLucent™
Narrow Bent Hohmann Retractor
#7110-R



OrthoLucent™ Retractors

Gain Radiolucence Without Compromising Strength or Function

- ▶ Made of a lightweight carbon fiber PEEK composite material
- ▶ Ideal for total joint use with x-ray
- ▶ Steam sterilizable
- ▶ Completely radiolucent
- ▶ Flat black non-gloss finish
- ▶ No metal transfer with component contact
- ▶ Slightly higher cost than stainless steel

PRODUCT NO'S:

2820-R [PCL]
Overall Length: 8"
Prong Width: 5mm | 10mm Gap | 5mm

3220-02R [Chandler]
Overall Length: 9.875" (25,1 cm)
Blade Width: 3/4" (1,9 cm)

4535-R [Modified Narrow Hohmann]
Overall Length: 10" (25,4 cm)
Blade Width: 18 mm

4550-R [Modified Blunt Hohmann]
Blade Width at Widest: 24,5 mm
Overall Length: 10.75" (27,3 cm)

4558-R [Standard Hohmann]
Blade Width: 16 mm
Overall Length: 9.46" (24 cm)

6130-R [Cobra]
Overall Length: 12" (30,5 cm)
Handle Length: 7" (17,8 cm)
Blade Width at Widest: 33 mm

7110-R [Narrow Bent Hohmann]
Overall Length: 9.75" (23,8 cm)
Handle Length: 7" (17,8 cm)
Blade Width: 19 mm
Depth from Bend: 4.75" (12,1 cm)

MADE EXCLUSIVELY
FOR INNOVED IN
SWITZERLAND

Large Curved Hibbs-style Soft Tissue Retractor without Teeth

The large, curved end is very useful with large patients

The right angle end was designed without teeth for easier holding while retracting, but can also be used as a blunt end retractor.



PRODUCT NO:

7180-01
Overall Length: 8" (20,3 cm)
Blade Width: 32 mm
Blade Depth: 3.5" (89 mm)



Stulberg Incision Close Gelpi & Blade Set

Designed by S. David Stulberg, MD

Designed to help expose difficult to visualize areas at the end of incisions

PRODUCT NO'S:

4269-00 [Set – 1 Gelpi & 1 Blade]

Also available Individually:

4269-01 [Gelpi]
Overall Length: 7.25" (18,4 cm)
Maximum Spread Width: 3.5" (8,9 cm)

4269-02 [Blade]
Overall Length: 5.5" (14 cm)
Blade Width: 1" (2,54 cm)
Blade Bend-Back Angle: 130°





Proximal Femoral Elevator – Standard Prongs

Help provide better access to the intramedullary canal

PRODUCT NO:

3420-01

Overall Length: 11.5" (29,2 cm)

Handle Length: 6.5" (16,5 cm)

Blade Width at Widest: 63 mm



Proximal Femoral Elevator – Narrow with Standard Prongs

Help provide better access to the intramedullary canal

PRODUCT NO'S:

3420-05 [Standard]

Overall Length: 11.5" (29,2 cm)

Handle Length: 6.5" (16,5 cm)

Blade Width at Widest: 45 mm

3420-06 [With Coating]

Overall Length: 11.5" (29,2 cm)

Handle Length: 6.5" (16,5 cm)

Blade Width at Widest: 45 mm



Narrow Standard
#3420-05

Narrow With Coating
#3420-06

Coating helps to protect the prosthesis taper

Coating design modification by Lalit Puri, MD

APC Proximal Femoral Elevator

Designed by APC, Inc.

Elevates the proximal femur during total hip or hemi-arthroplasty surgery

Designed to elevate the proximal femur during total hip or hemi-arthroplasty surgery. Its unique design provides excellent access to the intramedullary canal. The elevator's geometry incorporates serrated edges to grip and elevate the proximal femur.

PRODUCT NO'S:

3421-00 [Standard]

Overall Length: 10.75" (27,3 cm)

Blade Width at Widest: 63 mm

3421-01 [Small]

Overall Length: 10.75" (27,3 cm)

Blade Width at Widest: 50 mm



Small
#3421-01

Standard
#3421-00

Amstutz Femoral Head-Neck Elevator

Designed by Harlan C. Amstutz, MD

Designed to elevate the proximal femur

PRODUCT NO'S:

3410 [Wide]

Overall Length: 12.25" (31,1 cm)

Blade Width at Widest: 67 mm

3410-01 [Narrow]

Overall Length: 12.25" (31,1 cm)

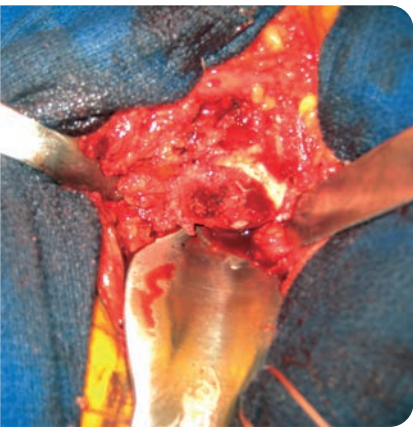
Blade Width at Widest: 50 mm



Wide
#3410

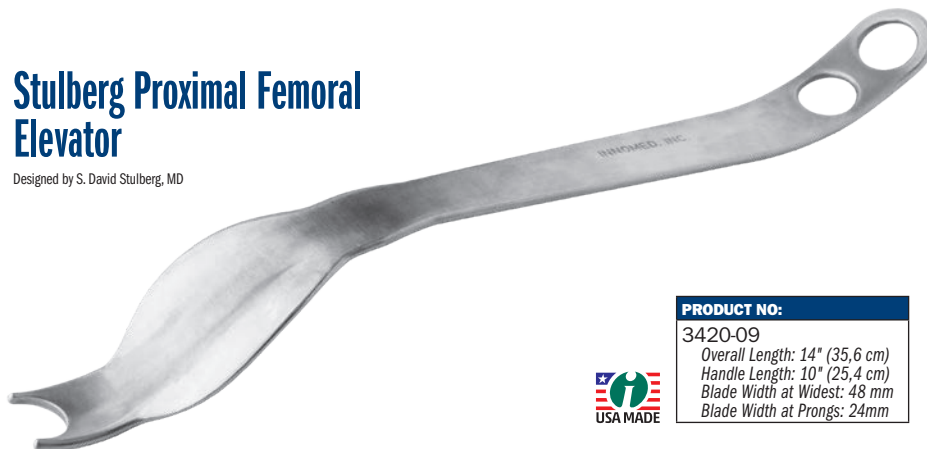
Narrow
#3410-01





Stulberg Proximal Femoral Elevator

Designed by S. David Stulberg, MD



PRODUCT NO:

3420-09

Overall Length: 14" (35,6 cm)

Handle Length: 10" (25,4 cm)

Blade Width at Widest: 48 mm

Blade Width at Prongs: 24mm

Hip Retractor with Waist Pad

Designed by Luis Ulloa

Waist Pad designed by Christopher Blair, MD

Designed for use during posterior approach hip arthroplasty, helping to eliminate the use of another hand by resting the waist pad against the body

PRODUCT NO:

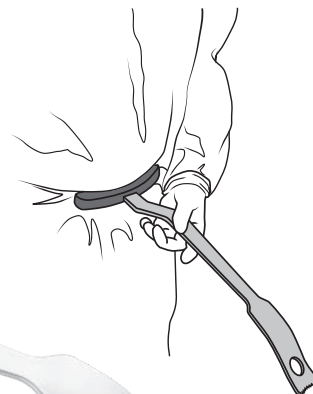
7557

Overall Length: 14,25" (36,2 cm)

Blade Width: 34 mm

Blade Length: 4" (10,2 cm)

Blade Hole: 23,6 mm x 15,4 mm



Femoral Neck Elevator with Waist Pad

Elevator designed by Luis Ulloa;

Waist pad designed by Christopher Blair, DO

Designed to elevate the femoral neck for broaching

The waist pad allows the retractor to be wedged into the surgeons waistline to help control the elevator and maintain elevation of the femoral neck for broaching.

PRODUCT NO:

7556

Overall Length: 18" (45,7 cm)

Neck Width: 25 mm

Blade Width: 25 mm



Blair Narrow Femoral Neck Elevator with Waist Pad

Designed by Christopher Blair, DO

Designed to elevate the femoral neck for broaching

The waist pad allows the retractor to be wedged into the surgeons waistline to help control the elevator and maintain elevation of the femoral neck for broaching.

PRODUCT NO:

3409

Overall Length: 18" (45,7 cm)

Neck Width: 19 mm

Width at End: 25 mm





Rosen "V" Deep Soft Tissue Retractor

Designed by Adam Rosen, DO

Designed for soft tissue retraction with an ergonomic handle

PRODUCT NO:

6239

Overall Length: 12" (30,5 cm)

Blade Depth: (3.5" (8,9 cm)

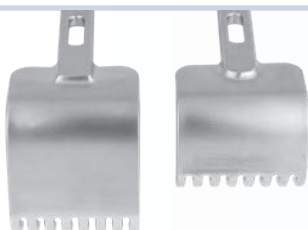
Blade Width: 1.75" (4,4 cm)



Wide Rake Retractors with Ergonomic Handle

Designed for general use soft tissue retraction, the ergonomic handle allows for a better grip and less fatigue

Non-glare finish featured on the metal retractor parts.



PRODUCT NO'S:

6051 [Deep, Sharp]

Overall Length: 11.175 (28,3 cm)

Blade Width: 2.375" (6 cm)

Blade Depth: 2.75" (7 cm)

6052 [Deep, Blunt]

Overall Length: 11.175 (28,3 cm)

Blade Width: 2.375" (6 cm)

Blade Depth: 2.75" (7 cm)

6053 [Shallow, Sharp]

Overall Length: 11.175 (28,3 cm)

Blade Width: 2.375" (6 cm)

Blade Depth: 1.875" (4,8 cm)

6054 [Shallow, Blunt]

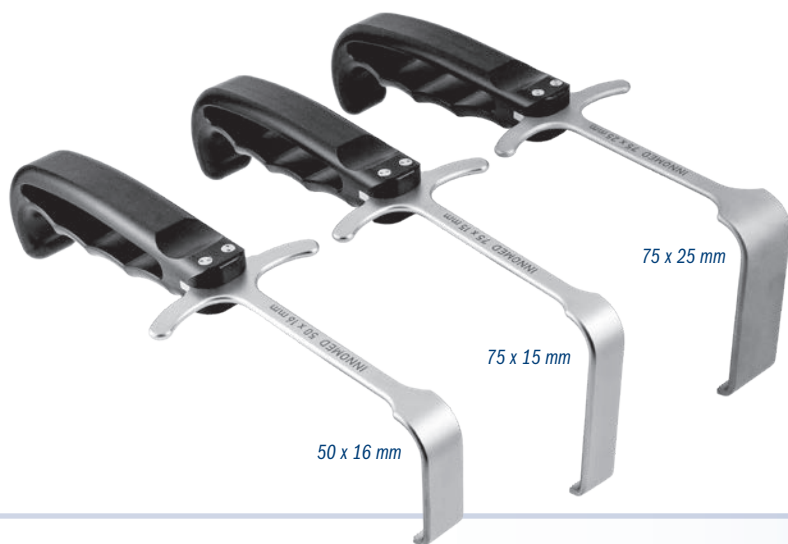
Overall Length: 11.175 (28,3 cm)

Blade Width: 2.375" (6 cm)

Blade Depth: 1.875" (4,8 cm)



Sharp and dull teeth available in two depths



Meyerding Type Retractors with Ergonomic Handle

Designed for general use soft tissue retraction, the ergonomic handle allows for a better grip and less fatigue

Non-glare finish featured on the metal retractor parts.



PRODUCT NO'S:

6241 [50 x 16 mm]

Overall Length: 8.875" (22,5 cm)

Blade Width: 16 mm

Blade Depth: 50 mm

6242 [75 x 15 mm]

Overall Length: 9" (22,9 cm)

Blade Width: 15 mm

Blade Depth: 75 mm

6243 [75 x 25 mm]

Overall Length: 9" (22,9 cm)

Blade Width: 25 mm

Blade Depth: 75 mm



Rake Retractors with Ergonomic Handle

Designed for general use soft tissue retraction

PRODUCT NO'S:

4839 [3-Prong]

Overall Length: 9.5" (24,1 cm)

Rake Width: 13 mm

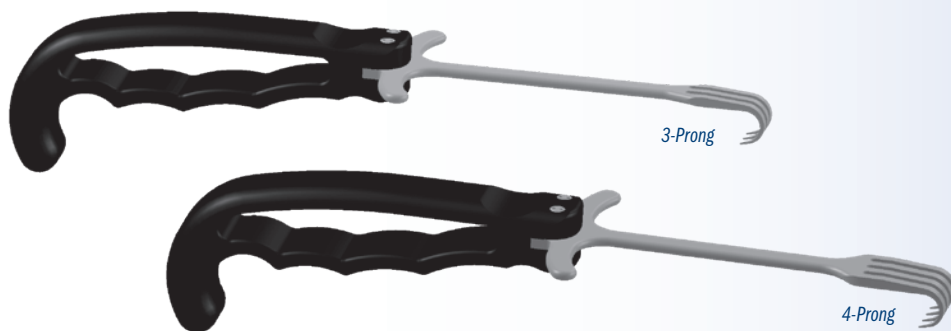
Rake Depth: 14 mm

4840 [4-Prong]

Overall Length: 9.5" (24,1 cm)

Rake Width: 19 mm

Rake Depth: 14 mm



Sarraf Coated Hip Dislocation Hook

Designed by Khaled M. Sarraf, MD

Designed to aid in dislocating a femoral stem while helping to prevent damage to the trunion

PRODUCT NO:

5905

Curve Diameter: 50 mm

Overall Length: 12.5" (31,8 cm)

Handle Length: 4.75" (12,1 cm)



- ▶ Coated hook end helps to prevent from marring component surfaces.
- ▶ Can also be used as a bone hook, and for femoral elevation.

Bone Hooks

Designed by R.L. Wixson, MD

PRODUCT NO'S:

5910 [Small]

Curve Diameter: 25 mm

Overall Length: 12.75" (32,4 cm)

Handle Length: 4.75" (12,1 cm)

5915 [Medium]

Curve Diameter: 35 mm

Overall Length: 12.75" (32,4 cm)

Handle Length: 4.75" (12,1 cm)

5920 [Large]

Curve Diameter: 50 mm

Overall Length: 12.75" (32,4 cm)

Handle Length: 4.75" (12,1 cm)

5920-01 [Large w/
Cable/Wire Hole]

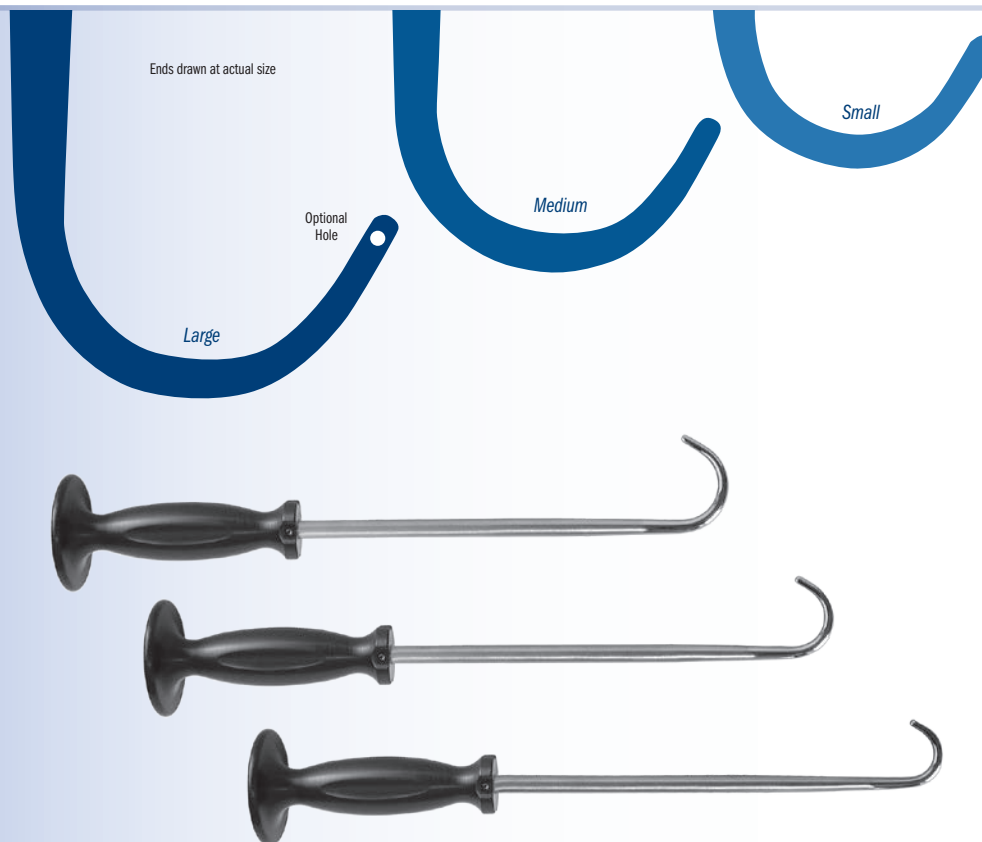
Designed by: R.L. Wixson, MD & J. McCarthy, MD

Cable/Wire Hole Diameter: 2 mm

Curve Diameter: 50 mm

Overall Length: 12.75" (32,4 cm)

Handle Length: 4.75" (12,1 cm)



Lombardi Bone Hooks

Designed by Adolph V. Lombardi, MD

PRODUCT NO'S:

5925 [Small]

Curve Diameter: 25 mm

Overall Length: 10" (25,4 cm)

5930 [Medium]

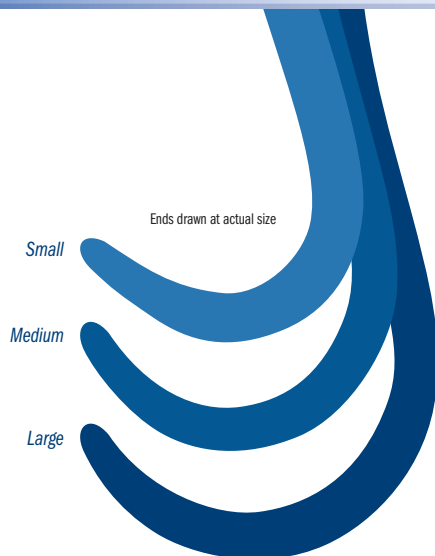
Curve Diameter: 35 mm

Overall Length: 10" (25,4 cm)

5935 [Large]

Curve Diameter: 55 mm

Overall length: 10" (25,4 cm)



Capello Patient Positioner

Designed by William Capello, MD

Provides stable positioning of a patient during hip procedures

Two-piece board design
for easy handling
Interlocking board pieces



Also available in a
one-piece design



Board Dimensions: 47" x 18.75" (119,4cm x 47,6cm)



PRODUCT NO'S:

4090	[Set with 2-Piece Board]
4095	[Set with 1-Piece Board]
Optional & Replacement Parts:	
4090-PB	[2-Piece Positioning Board]
4095-PB	[1-Piece Positioning Board]
4090-06	[6" (15,2 cm) Radiolucent Peg]
4090-08	[9" (22,9 cm) Radiolucent Peg]
4090-SC	[Stabilizing Clamp]
4090-01	[Large Gel Pad]
4090-EXT	[Peg Extension]
4090-02	[Peg Gel Pad]
9120	[Table Clamp]

Optional two-piece board construction allows for easier use and storage. Includes: Board, Gel Pad, (4) 6" Pegs, (4) 9" Pegs, (2) Stabilizing Clamps, (2) Table Clamps. All gel pads, pegs and peg height extensions can be used with existing peg boards. The board is also available in a one-piece design.



Large Patient Peg Board Positioner Post Assembly

Designed by Paul Ramsey, MD

Especially helpful with large patients where reaching the a.s.i.s. is needed for stabilization

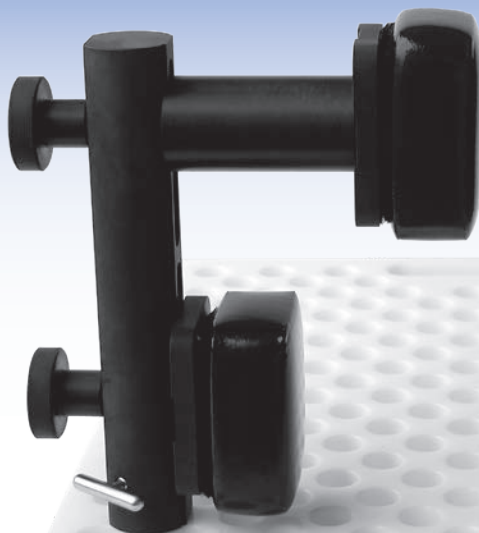
PRODUCT NO'S:

4150-10P	[Complete Set]
Assembly Set Includes:	
4090-03	[Post Assembly Adapter]
4150-10B	[10" (25,4 cm) Post with 2 Pads]
4150-EXT	[2" (5,1 cm) Spacer with 4" (10,2 cm) Knob]
4150-EXT4	[4" (10,2 cm) Spacer with 6" (15,2 cm) Knob]

NOTE: The peg board positioner is available separately and is not included with this assembly set.



Post Assembly Adapter





Thornberry Hip Positioner

Designed by Robert L. Thornberry, MD

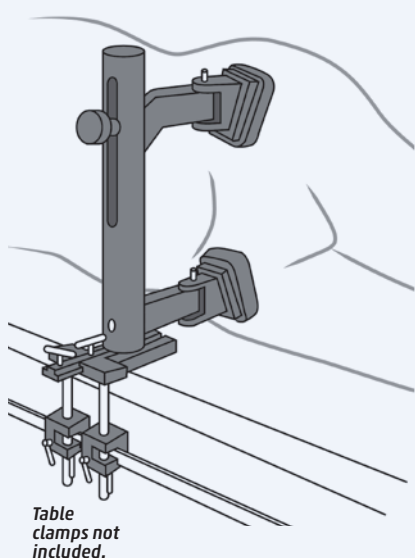
Designed to be adjustable yet sturdy, and is especially helpful when stabilizing a large patient during total hip and revision surgery

The Thornberry Hip Positioner is designed to attach directly to the operating table utilizing existing table clamps, or the Innomed #2595 Table Clamps, which are not included.

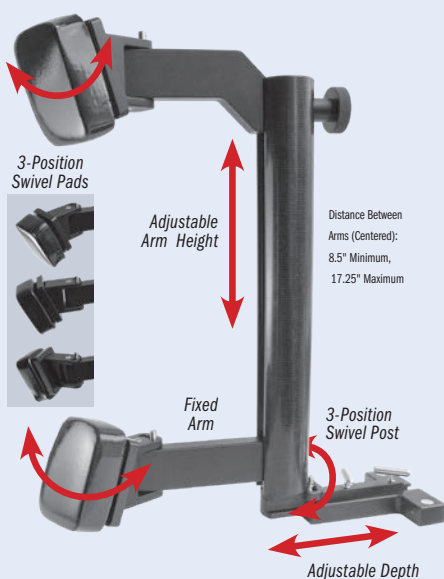
The upper arm assembly can be adjusted for height. Both arms include a push-button to allow the pad platform to swivel and lock into any of three fixed positions. The tall 18" post also includes a push-button to allow the post/arms unit to swivel and lock into any of three fixed positions.

The complete unit is autoclavable except for the foam pads. The pads are made of semi-dense foam to help prevent pressure points and are sealed with a washable coating. The coating also helps to lessen the possibility of skin breakdown.

It may be necessary to place the Double Table Attachment(s) 180°—sticking out from the table—to accommodate the large patient, as shown at left.



PRODUCT NO.'S:	
4160-00	[Complete Set]
Items Included in Set:	
4160-07	[7" Back Support Post]
4160-18	[18" Post with Fixed Lower Arm]
4160-AA	[Adjustable Upper Arm]
4160-DTA	[Double Table Attachment] Two (2) included with set; One (1) only with this number
4160-PB	[Post Knob] Two (2) included with set; One (1) only with this number
4150-P	[Pad Plate for Back Support]
4150-PD3	[Set of Three (3) Pads]
4150-S	[Back Support Slider]
Optional Items:	
2595	[Table Clamp] One only with this number



Positioner consists of:

Front Support Unit

One 18" post assembly with a lower arm and swiveling pad platform, one upper arm assembly with a swiveling pad platform, one post knob, two pads, and one double table attachment.

Back Support Unit

One 7" post assembly, one post knob, one pad plate, one pad, one slider, and one double table attachment.

Wixson Hip Positioner

Designed by R.L. Wixson, MD

Provides stable positioning of a patient during hip surgery

The Wixson Hip Positioner is used for stable positioning of a patient during total hip and revision surgery. It is designed to be placed on top of the operating table.

The base plate is rubber-backed to reduce slipping on the table. The uprights can easily be slid in and out of the multiple slots in the plate for desired positioning and locked into position with the locking bolt. The complete upright assembly is radiolucent.

The upright pads and the base plate pad are made of semi-dense foam to help prevent pressure points and are sealed with a washable coating. The coating also helps to lessen the possibility of skin breakdown.

The hip positioner consists of: One 10" post with double pads, one 6" post with a single pad, one 20" base plate, one base plate pad, two 2" spacers, one 4" knob, and one 6" knob.

The spacers and longer knobs are supplied for use with larger patients: use one spacer with the 4" knob, or combine the two spacers to use with the 6" knob.

The pad assembly can be adjusted for additional height and width. The upright posts are modular. The complete unit is radiolucent and autoclavable except for the foam pads.



Baseplate Dimensions: 20" x 11.25" (50,8 cm x 28,6 cm)

PRODUCT NO'S:

4050 [Set]
Consists of: One 10" post assembly with double pads, one 6" post assembly with a single pad, one 20" base plate, one base plate pad, two 2" spacers, one 4" knob, and one 6" knob.

Pads, Pad Parts, Pad Assemblies & Sets:

4050-LPD [Large Pad]
4150-P [Pad Plate] (Small Pad Attaches to this Plate)
4150-PA [Pad Assembly] (Pad Knob, Plate & Pad)
4150-PB [Pad Knob] (Attaches Pad Plate to Post)
4150-PD3 [Set of 3 Small Pads]
4150-PD12 [Case of 12 Small Pads]
4150-V [Set of 30 Velcro Strips] (For Pad Attachment)

Posts, Post Parts, Post Assemblies & Sets:

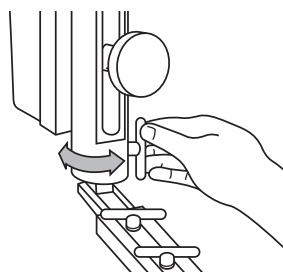
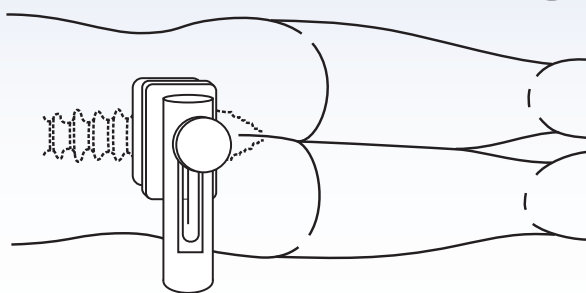
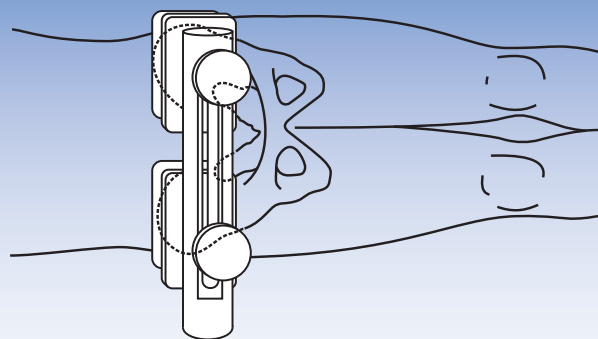
4150-06 [6" Post (15,2 cm)] (Post Only)
4150-06B [6" Post with Pad Assembly]
4050-06C [6" Post with Pad Assembly and Slider]
4150-08 [8" Custom Post (20,3 cm)] (Post Only)
4150-09 [9" Custom Post (22,9 cm)] (Post Only)
4150-10 [10" Post (25,4 cm)] (Post Only)
4150-10B [10" Post with Pad Assembly]
4050-10C [10" Post with Pad Assembly and Slider]
4150-12 [12" Custom Post (30,5 cm)] (Post Only)
4150-14 [14" Custom Post (35,6 cm)] (Post Only)
4050-PDS [Full Pad Set] (1 Large & 3 Small Pads)
4150-PS [Post Screw]
4050-S [Slider] (Connects Post to Baseplate)
4150-SS [Slider Screw]

Extension Parts, Extension Assemblies & Sets:

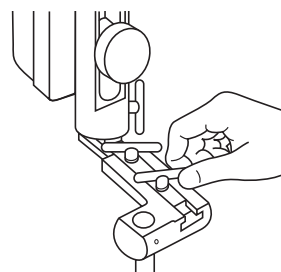
4150-C [2" Spacer (5,1 cm)]
4150-C4 [4" Spacer (10,2 cm)]
4150-EK [4" Knob (10,2 cm)]
For use with 2" Spacer
4150-EK4 [6" Extension Long Knob (15,2 cm)]
For use with two 2" Spacers or one 4" Spacer
4150-EK6 [8" Extension Long Knob (20,3 cm)]
For use with one 2" Spacer and one 4" Spacer
4150-EXT [2" Extension] (2" Spacer with 4" Knob)
4150-EXT4 [4" Extension] (4" Spacer with 6" Knob)
4150-EXT6 [6" Extension] (4" and 2" Spacers with 8" Knob)

Baseplates:

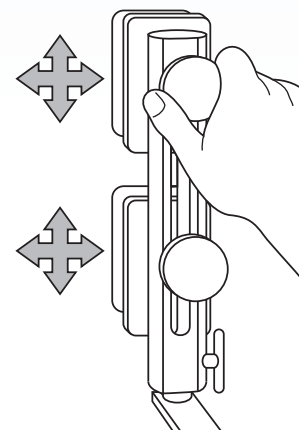
4050-BP [20" Standard Baseplate (50,8 cm)]
(Baseplate Only)
4050-BP24 [24" Custom Baseplate (61 cm)]
(Baseplate Only)



The upright assembly can be rotated and locked in place.



The upright assembly adjusts by a sliding track to accommodate various sized patients. It is locked in the sliding track by tightening one or two locking bolts.



The pads can be adjusted for height and width.



Stulberg Hip Positioner

Designed by S. David Stulberg, MD

Provides stable positioning of a patient during hip surgery

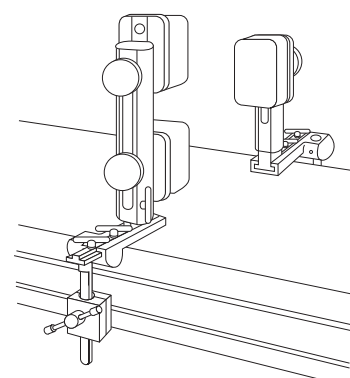
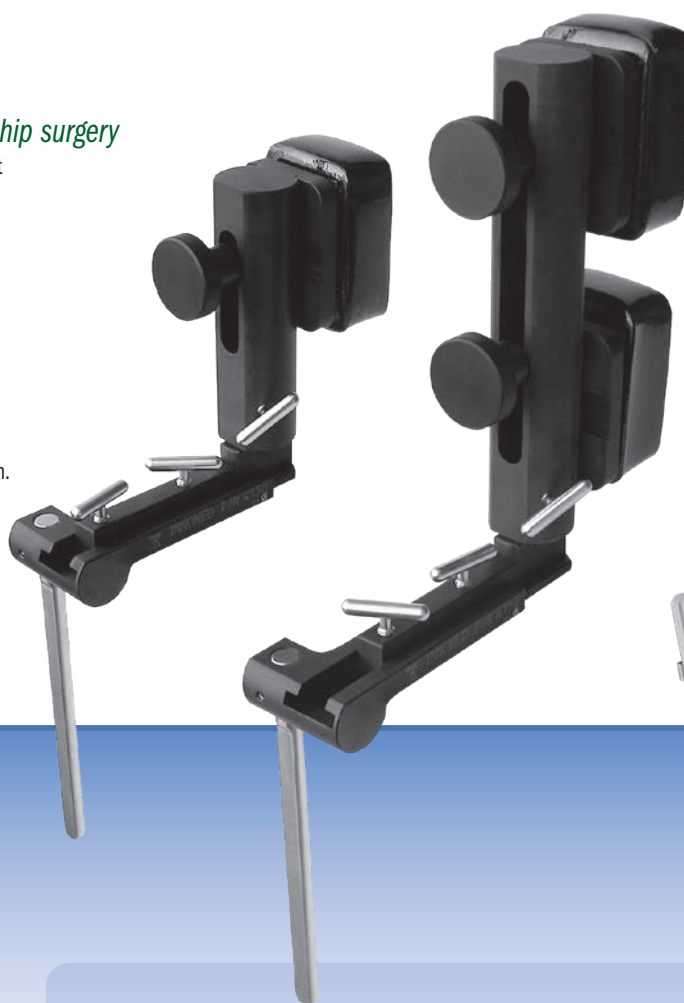
The Stulberg Hip Positioner is used for stable positioning of a patient during total hip and revision surgery. It is designed to attach directly to the operating table utilizing the existing table adapters.

The upright pads are made of semi-dense foam to help prevent pressure points and are sealed with a washable coating. The coating also helps to lessen the possibility of skin breakdown.

The hip positioner consists of: One 10" post assembly with double pads, one 6" post assembly with a single pad, two 2" spacers, one 4" knob, one 6" knob, and two table attachments.

The spacers and longer knobs are supplied for use with larger patients: use one spacer with the 4" knob, or combine the two spacers to use with the 6" knob.

The pad assembly can be adjusted for additional height and width. The upright posts are modular. The complete unit is radiolucent and autoclavable except for the foam pads and the storage case.



Storage Case Included

PRODUCT NO'S:

4150-00 [Set]
Consists of: Case, one 10" post assembly with double pads, one 6" post assembly with a single pad, two 2" spacers, one 4" knob, one 6" knob, and two table attachments.

Pads, Pad Parts, Pad Assemblies & Sets:

4150-P [Pad Plate] (Small Pad Attaches to this Plate)
4150-PA [Pad Assembly] (Pad Knob, Plate & Pad)
4150-PB [Pad Knob] (Attaches Pad Plate to Post)
4150-PD3 [Set of 3 Small Pads]
4150-PD12 [Case of 12 Small Pads]
4150-V [Set of 30 Velcro Strips] (For Pad Attachment)

Posts, Post Parts, Post Assemblies & Sets:

4150-06 [6" Post (15,2 cm)] (Post Only)
4150-06B [6" Post with Pad Assembly]
4150-06C [6" Post with Pad Assembly and Slider]
4150-06D [6" Post with Pad Assembly, Slider & Table Attachment]
4150-08 [8" Custom Post (20,3 cm)] (Post Only)
4150-09 [9" Custom Post (22,9 cm)] (Post Only)
4150-10 [10" Post (25,4 cm)] (Post Only)
4150-10B [10" Post with Pad Assembly]
4150-10C [10" Post with Pad Assembly and Slider]
4150-10D [10" Post with Pad Assembly, Slider & Table Attachment]
4150-12 [12" Custom Post (30,5 cm)] (Post Only)
4150-14 [14" Custom Post (35,6 cm)] (Post Only)
4150-PS [Post Screw]
4150-S [Slider] (Connects Post to Table Attachment)
4150-SS [Slider Screw]
4150-TA [Table Attachment]

Extension Parts, Extension Assemblies & Sets:

4150-C [2" Spacer (5,1 cm)]
4150-C4 [4" Spacer (10,2 cm)]
4150-EK [4" Knob (10,2 cm)]
For use with 2" Spacer
4150-EK4 [6" Extension Long Knob (15,2 cm)]
For use with two 2" Spacers or one 4" Spacer
4150-EK6 [8" Extension Long Knob (20,3 cm)]
For use with one 2" Spacer and one 4" Spacer
4150-EXT [2" Extension (5,1 cm)]
(2" Spacer with 4" Knob)
4150-EXT4 [4" Extension (10,2 cm)]
(4" Spacer with 6" Knob)
4150-EXT6 [6" Extension (15,2 cm)]
(4" and 2" Spacers with 8" Knob)

Other Parts:

9002 [Storage Case]



Optional Hip Positioner Parts:



4" (10,2 cm) Knob

6" (15,2 cm) Knob

8" (20,3 cm) Knob

14" (35,6 cm) Custom Post

12" (30,5 cm) Custom Post

9" (22,9 cm) Custom Post

8" (20,3 cm) Custom Post

2" (5,1 cm) Spacer

4" (10,2 cm) Spacer

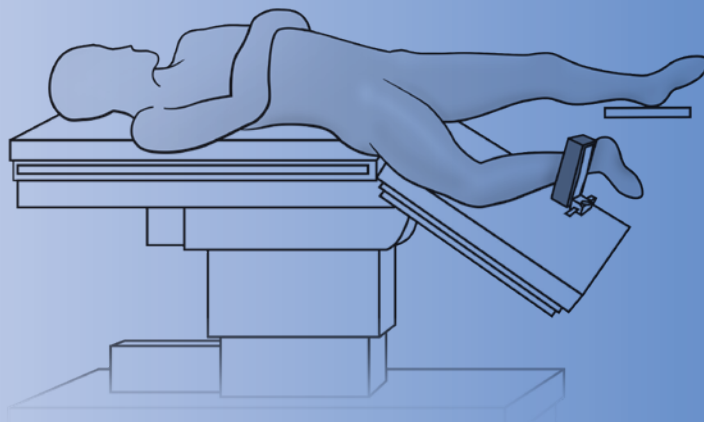
Spacer & Long Knob Combination



Direct Anterior Total Hip Arthroplasty Leg Positoner Assembly

Designed by Benjamin M. Frye, MD

Designed to help position the operative leg for direct anterior approach total hip arthroplasty using a standard operating table



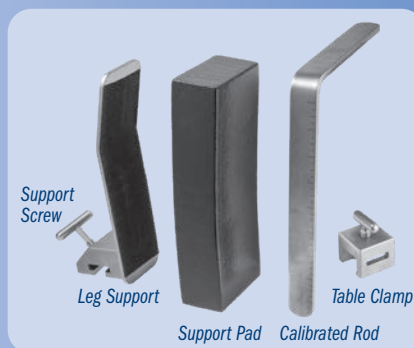
- ▶ Allows one assistant to secure the leg for femoral preparation
- ▶ Attaches directly to a standard operating table
- ▶ Allows easy assessment of hip stability and leg length discrepancy

New!



US Patent No. 16/523,304

PRODUCT NO'S:	
4165-00	[Assembly]
Individual/Replacement Parts:	
4165-01	[Leg Support]
Overall Length: 8.75" (22,2 cm)	
Width: 2.5" (6,4 cm)	
4165-02	[Calibrated Rod]
Dimensions: 9.625" x 7.125" x 1" (24,5 x 18,1 x 2,5 cm)	
4165-P	[Leg Support Pad]
Dimensions: 8.5" x 3" x 1.75" (21,6 x 7,6 x 4,4 cm)	
4150-PS	[Support Screw]
T-Handle Width: 1.875" (4,7 cm)	
T-Handle Depth: 1.5" (3,8 cm)	
9120	[Table Clamp]
Dimensions: 1.7" x 1.7" x 1.4" (4,3 x 4,3 x 3,6 cm)	



Cherf Leg Holder

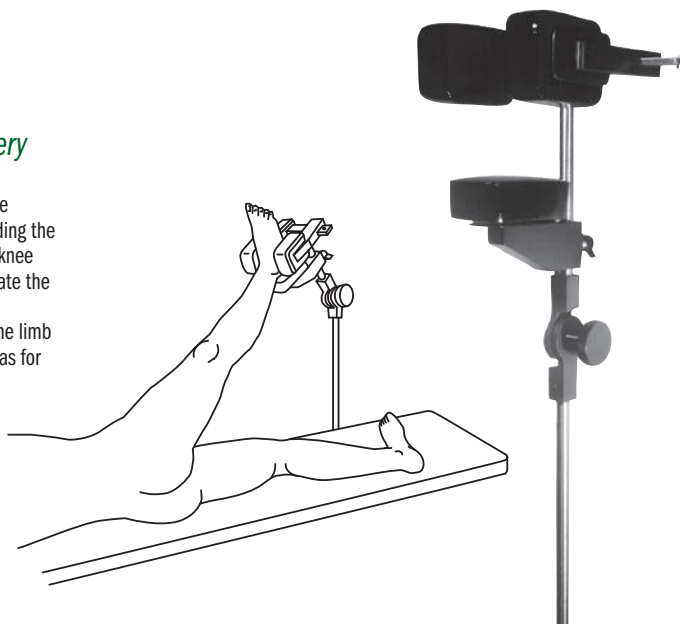
Designed by John Cherf, MD

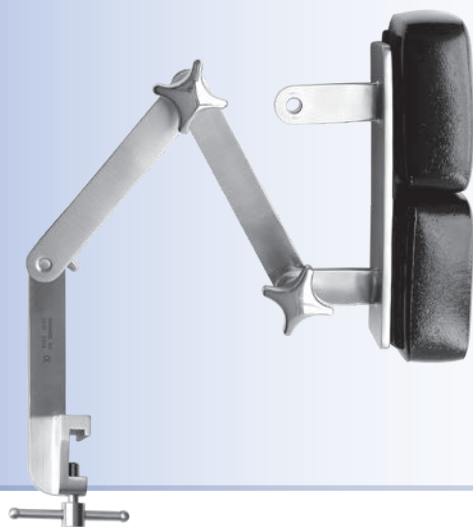
Supports the lower extremity for prepping before hip or knee surgery

Useful for all lower extremity procedures and is particularly helpful for supporting the leg with the patient positioned in the lateral position. By holding the foot/ankle in an externally rotated position, the knee can be locked into extension which helps eliminate the need for manual support.

The leg holder may also be used to support the limb for surgical patients in the supine position such as for knee and foot/ankle procedures.

PRODUCT NO'S:	
2270	
Replacement Parts:	
4150-PD3	[Set of 3 Small Pads]



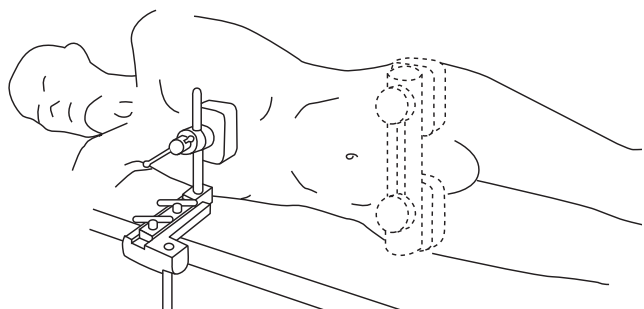


Multi-Adjustment Hip Positioner

Provides stable positioning of a patient during hip surgery

Multi-adjustment arms allow the positioner to be adjusted to fit all sizes of patients. Extra attachment allows for more versatility of placement. Especially helpful with large patients where reaching the a.s.i.s. is needed for stabilization.

PRODUCT NO'S:
4030
Replacement Parts:
4150-PD2 [Set of 2 Small Pads]



Wixson/Stulberg Anterior Trunk Support

Designed by R.L. Wixson, MD and S. David Stulberg, MD

Helps protect the chest and shoulders from slumping forward during total hip surgery

PRODUCT NO:
4110



Use in Knee Surgery

Use in Hip Surgery

Berger Block Positioner

Designed by Richard Berger, MD

Designed for lower extremity positioning with dual height options

PRODUCT NO'S:
2750-00 [Set] Dimensions with Pads: 4.75" x 6.75" x 8" (12,1 cm x 17,1 cm x 20,3 cm)
Set Includes / Available Individually:
2750-01 [Positioner Only] Dimensions: 4.125" x 6.125" x 8" (10,5 cm x 15,6 cm x 20,3 cm)
2750-P [Positioner Pad Only]
[Brown Strap Only] (2) Included in Set
Optional Items:
2750-S [Brown Straps] Pkg of 10



FREE TRIAL

on most instruments

Instruments are available for a no-charge two-week evaluation – includes FREE UPS Ground Shipping*

*When shipped to a hospital or medical center; additional charge applies for expedited shipping.
Free trial offer excludes implant extraction instruments, which are available as rentals. There is a pad replacement charge with the hip positioners.

Infero-Posterior Acetabular Retractor with Modular Handle – Left and Right

Designed to be placed with the point at 6 o'clock and the retractor's axilla resting on the ischium, while the wing blade is used to retract the remaining capsule from the posterior lip of the acetabulum, and the optional screw-in modular handle can be used for additional leverage and maneuverability



PRODUCT NO'S:	
C1007-H-00	[Set – Left]
Set Includes/ Available Separately:	
C1007	[Infero-Posterior Acetabular Retractor Only – Left]
Overall Length: 14" (35,6 cm)	
Depth from Bend: 4.5" (11,4 cm)	
Fixed Handle Width: 5.5" (14 cm)	
C1006	[Modular Handle]
Overall Length: 4.875" (12,4 cm)	
Handle Length: 4.5" (11,4 cm)	



PRODUCT NO'S:	
C1008-H-00	[Set – Right]
Set Includes/ Available Separately:	
C1008	[Infero-Posterior Acetabular Retractor Only – Right]
Overall Length: 14" (35,6 cm)	
Depth from Bend: 4.5" (11,4 cm)	
Fixed Handle Width: 5.5" (14 cm)	
C1006	[Modular Handle]
Overall Length: 4.875" (12,4 cm)	
Handle Length: 4.5" (11,4 cm)	

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