CS SURGICAL, INC.

SIMPSON

TABLE MOUNTED RETRACTOR SYSTEM

“QUALITY INSTRUMENTS YOU CAN DEPEND ON”
CS 1000  SIMPSON RETRACTOR SYSTEM, COMPLETE
SET INCLUDES:

A.  1 EA.  CS1000-2  SEGMENTED RING, MEDIUM
B.  1 EA.  CS1000-8  OVAL RING, MEDIUM
C.  1 EA.  CS1000-4  TABLE POST 12”
D.  1 EA.  CS1000-5  POST COUPLING PIECE
E.  1 EA.  CS1000-6  HORIZONTAL FLEX BAR
F.  6 EA.  CS1000-7  TILT RATCHET MECHANISMS
G.  2 EA.  CS1000-30  KELLY RETRACTOR 2” x 3”
   1 EA.  CS1000-31  KELLY RETRACTOR 2” x 4”
   1 EA.  CS1000-32  KELLY RETRACTOR 2” x 5”
   1 EA.  CS1000-33  KELLY RETRACTOR 2” x 6”
H.  1 EA.  CS1000-27  BALFOUR RETRACTOR 3 3/8” x 2 3/4”
I.  1 EA.  CS1000-24  HARRINGTON RETRACTOR 2 1/2” x 5 1/4”
J.  2 EA.  CS1000-15  MALLEABLE RETR. 2” x 7” W/ PROTECTED EDGE
   1 EA.  CS1000-17  MALLEABLE RETR. 2” x 9” W/ PROTECTED EDGE
   1 EA.  CS1000-16  MALLEABLE RETR. 3” x 7” W/ PROTECTED EDGE
K.  1 EA.  CS1000-49  GELPI POINT RETRACTOR, SHARP

"QUALITY INSTRUMENTS YOU CAN DEPEND ON"
ACCESSORY RINGS

**OVAL SEGMENTED RINGS**
- CS1000-1  SMALL OVAL SEGMENTED RING W/ 2 EA. 4” EXTENSIONS
- CS1000-2  MEDIUM OVAL SEGMENTED RING W/ 2 EA. 8” EXTENSIONS
- CS1000-3  LARGE OVAL SEGMENTED RING W/ 2 EA. 6” EXTENSIONS

**ROUND SEGMENTED RINGS**
- CS1000-100 SEGMENTED ROUND RING 8” DIAM.
- CS1000-200 SEGMENTED ROUND RING 10” DIAM.
- CS1000-300 SEGMENTED ROUND RING 12” DIAM.

**OVAL RINGS**
- CS1000-800 SMALL OVAL RING  8” x 12 1/4” I.D.
- CS1000-8  MEDIUM OVAL RING  10 1/2” x 14 1/2” I.D.
- CS1000-801 LARGE OVAL RING 12” x 18 1/2” I.D.

**ROUND RINGS**
- CS1000-808 SMALL ROUND RING 8 1/2” I.D.
- CS1000-810 MEDIUM ROUND RING 10 1/2” I.D.
- CS1000-812 LARGE ROUND RING 12 1/2” I.D.

**RING EXTENSIONS**
- CS1000-101  STRAIGHT EXTENSIONS 4” (PAIR)
- CS1000-201  STRAIGHT EXTENSIONS 6” (PAIR)
- CS1000-301  STRAIGHT EXTENSIONS 8” (PAIR)

**ACCESSORIES**
- A. CS1000-600  HORIZONTAL BAR
- B. CS1000-9  EXTENSION BAR 12”

"QUALITY INSTRUMENTS YOU CAN DEPEND ON"
ACCESSORY RETRACTORS

CS1000-10 MALLEABLE RETRACTOR 3” x 9” W/ PROTECTED EDGE
CS1000-11 MALLEABLE RETRACTOR 1” x 5” W/ PROTECTED EDGE
CS1000-12 MALLEABLE RETRACTOR 1” x 6” W/ PROTECTED EDGE
CS1000-13 MALLEABLE RETRACTOR 6” x 12” W/ PROTECTED EDGE
CS1000-14 MALLEABLE RETRACTOR 1” x 9” W/ PROTECTED EDGE
CS1000-15 MALLEABLE RETRACTOR 2” x 7” W/ PROTECTED EDGE
CS1000-16 MALLEABLE RETRACTOR 3” x 7” W/ PROTECTED EDGE
CS1000-17 MALLEABLE RETRACTOR 2” x 9” W/ PROTECTED EDGE
CS1000-18 MALLEABLE RETRACTOR 2” x 12” W/ PROTECTED EDGE
CS1000-19 MALLEABLE RETRACTOR 3” x 10” W/ PROTECTED EDGE
CS1000-20 MALLEABLE RETRACTOR 3” x 12” W/ PROTECTED EDGE
CS1000-21 MALLEABLE RETRACTOR 4” x 10” W/ PROTECTED EDGE
CS1000-22 MALLEABLE RETRACTOR 4” x 12” W/ PROTECTED EDGE
CS1000-23 MALLEABLE RETRACTOR 6” x 9” W/ PROTECTED EDGE
CS1000-52 WALther-Simp. Malleable Retr 1” x 4” W/ Pro Edge
CS1000-53 WALther-Simp. Malleable Retr 1 1/2” x 4” W/ Pro Edge
CS1000-56 Malleable Retr. 3.5 mm x 10 cm W/ Protected Edge
CS1000-57 Malleable Retr. 3.5 mm x 13 cm W/ Protected Edge
CS1000-58 Malleable Retr. 3.5 mm x 15 cm W/ Protected Edge
CS1000-120 Malleable Retractor 1 1/2” x 6” W/ Protected Edge
CS1000-121 Malleable Retractor 2” x 6” W/ Protected Edge
CS1000-122 Malleable Retractor 3” x 6” W/ Protected Edge
CS1000-27BALLFOUR BLADE 3 3/8” x 2 3/4”
CS1000-270 BALFOUR BLADE 3 3/8” x 1 1/2”
CS1000-271 BALFOUR BLADE 3 3/8” x 4”
CS1000-67 GOULET-SIMPSON RETRACTOR, SMALL 1”
CS1000-68 GOULET-SIMPSON RETRACTOR, LARGE 1 1/2”
CS1000-30 KELLY RETRACTOR 2” x 3”
CS1000-31 KELLY RETRACTOR 2” x 4”
CS1000-31-1 KELLY RETRACTOR 3” x 4”
CS1000-32 KELLY RETRACTOR 2” x 5”
CS1000-33 KELLY RETRACTOR 2” x 6”
CS1000-33-1 KELLY RETRACTOR 3” x 6”
CS1000-33-3 KELLY RETRACTOR 3” x 6”
CS1000-33-34 KELLY RETRACTOR 2 1/2” x 7”
CS1000-33-35 KELLY RETRACTOR 4” x 6”
CS1000-33-36 KELLY RETRACTOR 2 1/2” x 8”
CS1000-33-37 KELLY RETRACTOR 2 1/2” x 10”
CS1000-33-38 KELLY RETRACTOR 3” x 5/8”
CS1000-33-39 KELLY RETRACTOR 2 5/8” x 3”
CS1000-33-310 KELLY RETRACTOR 1” x 2 1/2”
CS1000-33-320 KELLY RETRACTOR 2” x 2”
CS1000-33-330 KELLY RETRACTOR 1” x 2”
CS1000-33-340 KELLY RETRACTOR 2” x 1 1/2”
CS1000-33-350 KELLY RETRACTOR 2” x 2 1/2”
CS1000-33-360 KELLY RETRACTOR 1” x 1”
CS1000-660 RICHARDSON-KELLY RETRACTOR 3/4” x 1”
CS1000-670 RICHARDSON-KELLY RETRACTOR 3/4” x 2”
CS1000-680 RICHARDSON-KELLY RETRACTOR 1” x 1 1/4”
CS1000-25 “BABY” HARRINGTON RETR. 1 1/2” x 5”
CS1000-24 HARRINGTON RETRACTOR, 2 1/2” x 5”
CS1000-26 HARRINGTON RETRACTOR, 2 1/2” x 9”
CS1000-260 HARRINGTON RETRACTOR, 3 1/2” x 10”

"QUALITY INSTRUMENTS YOU CAN DEPEND ON"
VERNICK ROTATING RETRACTOR BLADES

THIS NEW CONCEPT IN RETRACTORS, ALLOWS THE SURGEON TO ROTATE THE RETRACTOR 30 DEGREES EITHER DIRECTION, WHILE IT IS POSITIONED IN THE TILT RATCHET MECHANISM. THIS EXCITING NEW FEATURE GIVES THE SURGEON GREATER FLEXIBILITY AND PRECISION WHILE OPERATING WITHIN THE RING.

CS1000-910 VERNICK-KELLY RETRACTOR, 2” X 3”
CS1000-91 VERNICK-KELLY RETRACTOR, 2” X 4”
CS1000-92 VERNICK-KELLY RETRACTOR, 2” X 5”
CS1000-93 VERNICK-KELLY RETRACTOR, 2” X 6”
CS1000-94 VERNICK-KELLY RETRACTOR, 2” X 7”
CS1000-95 VERNICK-KELLY RETRACTOR, 2” X 9”

CS1000-96 VERNICK ROTATING MALLEABLE RETR. 2” X 7”
CS1000-97 VERNICK ROTATING MALLEABLE RETR. 2” X 9”
CS1000-98 VERNICK ROTATING MALLEABLE RETR. 3” X 7”
CS1000-980 VERNICK ROTATING MALLEABLE RETR. 3” X 6”
CS1000-981 VERNICK ROTATING MALLEABLE RETR. 3” X 9”

ALL THE ABOVE MALLEABLE RETRACTORS HAVE OUR FEATURE OF THE PROTECTED EDGE.

WE CAN “CUSTOM MAKE “ ANY SIZE MALLEABLE RETRATOR

CS1000-990 VERNICK - ST. MARK’S ROTATING DEEP PELVIC RETRACCTOR 5”, ANGLED TIP 15° W/LIP
CS1000-99 VERNICK - ST. MARK’S ROTATING DEEP PELVIC RETRACCTOR 7”, ANGLED TIP 15° W/LIP

“ QUALITY INSTRUMENTS YOU CAN DEPEND ON ”
UROLOGY RETRACTORS & SYSTEMS

CS1000-40 YU-HOLTGREWE RETRACTOR W/SIMPSON HANDLE
2 1/2” x 7”, MALLEABLE

Designed for optimal exposure of the dorsal vein complex and posterior retraction of the bladder during radical retropubic prostatectomy

CS1000-43 CARROLL PROSTATIC RETRACTOR W/SIMPSON HANDLE,
1 1/2” WIDE SPREADS TO 3 1/4” x 7”

Useful in retropubic radical prostatectomy, in a male with a wider pelvis

CS1000-61 JORDAN-SIMPSON SEGMENTED RETRACTOR RING

This ring is excellent for perineal radical prostatectomy, anterior and posterior urethroplasty, uro-gyn procedures, and for vaginal surgery.

CS1000-50 WALTHER-SIMPSON PERINEAL SET

This set provides optimal exposure for radical perineal prostatectomy.

This set includes:

1 EA. CS1000-51
2 EA. CS1000-52
1 EA. CS1000-53
1 EA. CS1000-54

CS1000-51 WALTHER-SIMPSON PERINEAL RING, OVAL,
ANGLED 25 DEGREES

CS1000-52 WALTHER-SIMPSON MALLEABLE RETR., 1” x 4”, W/PRO EDGE
This blade is useful for lateral retraction

CS1000-53 WALTHER-SIMPSON MALLEABLE RETR., 1 1/2” x 4” W/PRO EDGE
This blade is used as the rectum or posterior retractor

CS1000-54 WALTHER-SIMPSON NOTCHED RETRACTOR, 1 1/2 x 4”
This blade can be used as an anterior retractor

"QUALITY INSTRUMENTS YOU CAN DEPEND ON"
UROLOGICAL RETRACTORS & SYSTEMS

CS1000-60 JORDAN-SIMPSON PERINEAL RETRACTOR SET

This set is a stable retractor system for anterior and posterior urethroplasty, and other perineal procedures.

THIS SET INCLUDES:
1 EA. CS1000-61
1 EA. CS1000-620
2 EA. CS1000-62
2 EA. CS1000-63
1 EA. CS1000-64
1 EA. CS1000-65
1 EA. CS1000-66
1 EA. CS1000-67

CS1000-61 JORDAN-SIMPSON SEGMENTED, SLOTTED
CS1000-620 JORDAN-SIMPSON SINGLE PRONG RETRACOR (NOT PICTURED, SEE PAGE 8)
CS1000-62 JORDAN-VERNICK 3 PRONG RETRACOR, W/ROTATIONAL HANDLE
CS1000-63 JORDAN-VERNICK 4 PRONG RETRACOR, W/ROTATIONAL HANDLE
CS1000-64 JORDAN-SIMPSON RIGHT ANGLED RETRACOR, 1”
CS1000-65 JORDAN-SIMPSON RIGHT ANGLED RETRACOR, 1 1/2”
CS1000-67 GOULET-SIMPSON RETRACOR, SMALL, 1”
CS1000-66 JORDAN-RICHARDSON-SIMPSON RETRACOR, 1” x 1 1/2”

CS1000-48 MALLEABLE RETRACOR W/ LIP, 1/2”x 3”
CS1000-45 SINGLE HOOK MALLEABLE RETRACOR, W/ BALL PROBE
CS1000-46 DOUBLE HOOK MALLEABLE RETRACOR, 8MM, W/ BALL PROBE

RECTAL RETRACTORS

CS1000-80 RECTAL RETRACTOR SYSTEM

THIS SET INCLUDES:
1 EA. CS1000-81
4 EA. CS1000-82
4 EA. CS1000-83

CS1000-81 RECTAL RING, ROUND, 9” DIAMETER, SLOTTED
CS1000-82 FENESTRATED RECTAL BLADE, 7 CM, ANGLED
CS1000-83 SOLID RECTAL BLADE, 7 CM, ANGLED, W/ TEETH

“QUALITY INSTRUMENTS YOU CAN DEPEND ON”
GENERAL SURGERY & DEEP PELVIC RETRACTORS

CS1000-70 SIMPSON-ST. MARK’S RETRACTOR, 5” W/ LIP
CS1000-71 SIMPSON-ST. MARK’S RETRACTOR, 6” W/ LIP
CS1000-72 SIMPSON-ST. MARK’S RETRACTOR, 7” W/ LIP
CS1000-78 SIMPSON-ST. MARK’S RETR. 7”, W/ LIP, ANG 15°
   (NOT PICTURED)
CS1000-77 SIMPSON-ST. MARK’S RETRACTOR, 9” W/ LIP
CS1000-770 SIMPSON-ST. MARK’S RETR. 9”, W/LIP, ANG 15°
   (NOT PICTURED)
CS1000-720 SIMPSON-ST. MARK’S RETR. 7”, NARROW
   (NOT PICTURED)

CS1000-79 SIMPSON-WYLIE VEIN RETRACTOR 1” x 4”
CS1000-73 SIMPSON-WYLIE VEIN RETRACTOR 1” x 5”
CS1000-74 SIMPSON-WYLIE VEIN RETRACTOR 1” x 6”
CS1000-75 SIMPSON-WYLIE VEIN RETRACTOR 1” x 7”
CS1000-76 SIMPSON-WYLIE VEIN RETRACTOR 1” x 9”

RADIOLUCENT RETRACTORS
CS1000-730 SIMPSON-WYLIE VEIN RETRACTOR 1” x 5”
CS1000-740 SIMPSON-WYLIE VEIN RETRACTOR 1” x 6”
CS1000-750 SIMPSON-WYLIE VEIN RETRACTOR 1” x 7”
CS1000-760 SIMPSON-WYLIE VEIN RETRACTOR 1” x 9”
   These retractors are made from Aluminum.

A. CS1000-280 SIMPSON-MURPHY GALL BLADDER RETRACTOR 2” WIDE
B. CS1000-49 GELPI POINT RETRACTOR
C. CS1000-620 JORDAN-SIMPSON SINGLE PRONG RETRACTOR

"QUALITY INSTRUMENTS YOU CAN DEPEND ON"
HERNIA RETRACTOR SET

CS1000-88 HERNIA RETRACTOR SET

This set provides optimal exposure for inguinal hernia repair.

THIS SET INCLUDES:
1 EA CS1000-81
2 EA CS1000-880
1 EA CS1000-881
1 EA CS1000-882
1 EA CS1000-883

CS1000-81 ROUND RING 9” DIAMETER, SLOTTED
CS1000-880 HERNIA RETRACTOR, 3/4” x 1”
CS1000-881 HERNIA RETRACTOR, 3/4” x 1 1/2”
CS1000-882 HERNIA RETRACTOR, 3/4” x 1 3/4”
CS1000-883 HERNIA RETRACTOR, 3/4” X 2”

LAPAROSCOPIC LIVER RETRACTORS

CS1000-850 LIVER RETRACTOR, PEDIATRIC
CS1000-851 LIVER RETRACTOR, SMALL
CS1000-852 LIVER RETRACTOR, MEDIUM
CS1000-853 LIVER RETRACTOR, MED. LARGE
CS1000-854 LIVER RETRACTOR, LARGE

These retractors are designed to use with the horizontal flex bar for Lap-Banding, and gastric by-pass procedures. The thicker design does not allow gas to escape from the 5mm opening.

"QUALITY INSTRUMENTS YOU CAN DEPEND ON"
VAGINAL RETRACTOR SET

CS1000-840 SIMPSON VAGINAL RETRACTOR SET

This set is an excellent system for a table mounted system for vaginal surgery.

THIS SET INCLUDES:
- 1 EA CS1000-61
- 2 EA CS1000-84
- 1 EA CS1000-85
- 1 EA CS1000-86
- 1 EA CS1000-87

THIS SET WILL BE AVAILABLE, IN DEC. 2005

CS1000-61 JORDAN-SIMPSON SEGMENTED RING, SLOTTED
CS1000-84 LATERAL RETRACTOR, 1” x 3”
CS1000-85 DEAVER RETRACTOR, SMALL, 1” x 3 1/2”
CS1000-86 DEAVER RETRACTOR, LARGE, 1” x 5”
CS1000-87 POSTERIOR RETRACTOR 1” x 4 1/2”

ALSO THE MALLEABLE RETRACTORS ARE USEFUL AS LATERAL VAGINAL WALL RETRACTORS.

SIMPSON EXPANDABLE RING

CS1000-250 SIMPSON EXPANDABLE RING

This adjustable ring, with the horizontal flex bar, allows the surgeon to change the diameter and angle of the ring. This ring is manufactured of titanium.

"QUALITY INSTRUMENTS YOU CAN DEPEND ON"
WARRANTY INFORMATION
SIMPSON RETRACTORSYSTEM – CS1000

All table components, (except tilt ratchet mechanisms), retractor blades (except malleable retractors) are guaranteed for three (3) years, from defect in workmanship and material.
ASK FOR THE FOLLOWING CATALOGS AVAILABLE FROM CS SURGICAL:

| Specialty Instruments for the COLON & RECTAL SURGEON | VALUE LINE OPERATING ROOM QUALITY SURGICAL INSTRUMENTS “LIFETIME GUARANTEE” MADE OF GERMAN STEEL 2005 CATALOG & PRICE LIST | Specialty Instruments for the UROLOGIST |

| TUNGSTEN CARBIDE OPERATING ROOM QUALITY SURGICAL INSTRUMENTS 2005 CATALOG & PRICE LIST |

CS SURGICAL, INC.
662 WHITNEY DR.
SLIDELL, LA 70461
PHONE: 985-781-8292
FAX: 985-781-8244
Email: cssurgicalinc@aol.com
www.cssurgical.com