

RETRACTORS INSTRUMENTS

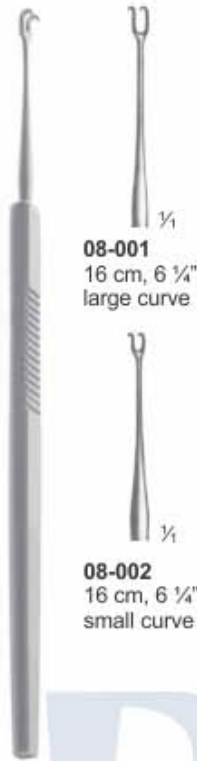


Wundhäkchen, Mikrohäkchen

Crochet, Micro crochetes

Ganchito, Micro Ganchitos

Divaricatore, Micro Divaricatori



08-001
16 cm, 6 1/4"
large curve

08-002
16 cm, 6 1/4"
small curve

GUTHRIE HOOKLET



08-003
18 cm, 7"
Sharp

08-004
18 cm, 7"
sharp

GILLIES SKIN HOOK



08-005
15 cm, 6"
sharp

KILNER HOOK



08-006
18.5 cm, 7 1/4"
sharp

08-007
18.5 cm, 7 1/4"
sharp

FISCH HOOKLET & Skin Hook



08-008
13 cm, 5"
08-009
18 cm, 7"
Blunt

08-010
13 cm, 5"
08-011
18 cm, 7"
Sharp

FRAZIER HOOKLET & Skin Hook



DOUBLE PRONG MICRO HOOK & Skin Hook
08-012
Sharp, 2mm, wide jaws,
14.5 cm, 6 3/4"



WIENER HOOK & Skin Hook
08-013
Sharp,
14 cm, 5 1/2"



TOENNIS HOOK & Skin Hook
08-014
Sharp



08-015
2 sharp prong
13 cm, 5"
2.25mm diameter
3mm wide

08-016
4 sharp prong
13 cm, 5"
2mm diameter
5mm wide

08-017
4 blunt prong
13 cm, 5"
2mm diameter
5mm wide

ROLLET HOOK



08-018
15 cm, 6", sharp
double prongs
2.5mm wide

08-019
15 cm, 6", blunt
double prongs
2.5mm wide

FREER SKIN HOOK



CRILE HOOKLET & SKIN HOOKS
08-020 20.4 cm, 8"



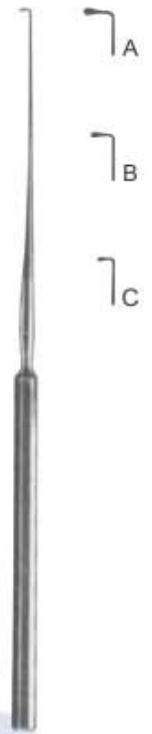
VON GRAEFE Strabismus & SKIN HOOKS
08-021 13.0 cm, 5" - A
08-022 14.0 cm, 5 1/2" - B
08-023 15.0 cm, 6" - C



WAGENER HOOKLET & SKIN HOOKS
08-024 14 cm, 5 1/2" - A
08-025 14 cm, 5 1/2" - B
08-026 14 cm, 5 1/2" - C
08-027 14 cm, 5 1/2" - D



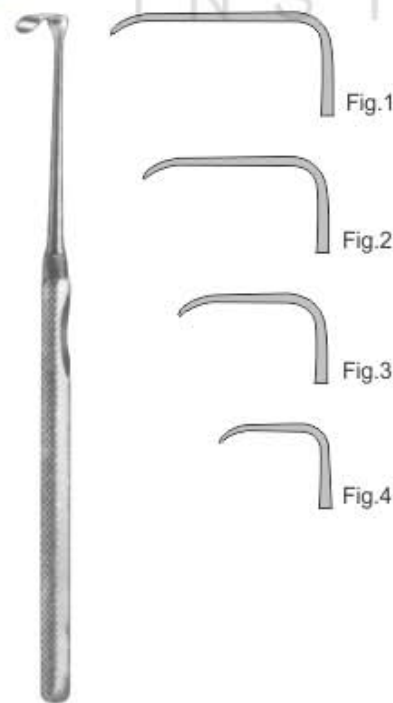
DAY HOOKLET & SKIN HOOKS
08-028 16 cm, 6 1/4" - A
08-029 16 cm, 6 1/4" - B



LUCAS HOOKLET & SKIN HOOKS
08-030 14 cm, 5 1/2" - A
08-031 14 cm, 5 1/2" - B
08-032 14 cm, 5 1/2" - C



Converse Hook
08-033
12 cm, 5"



MANNERFELT-LANGENBECK HOOK
08-034 15 x 6 mm 15.5 cm, 6" Fig.1
08-035 20 x 6 mm 15.5 cm, 6" Fig.2
08-036 25 x 6 mm 15.5 cm, 6" Fig.3
08-037 30 x 8 mm 15.5 cm, 6" Fig.4



MANNERFELT HOOK
15.5 cm, 6"
large curve, single
hook



Brom Hooklet Retractors
08-041
17 cm, 6 3/4"

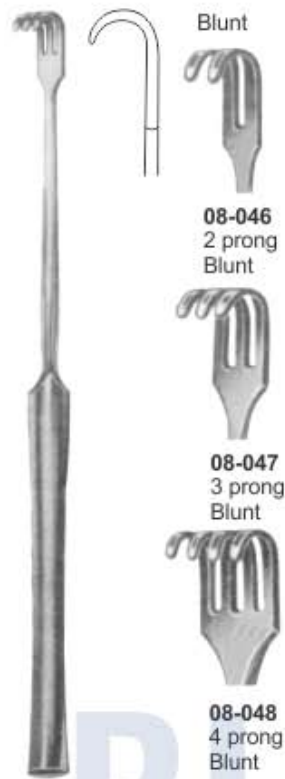
Hooklet Retractors
08-042
13 cm, 5"

Wundhäkchen, Wundhaken
Ganchito, Separadores

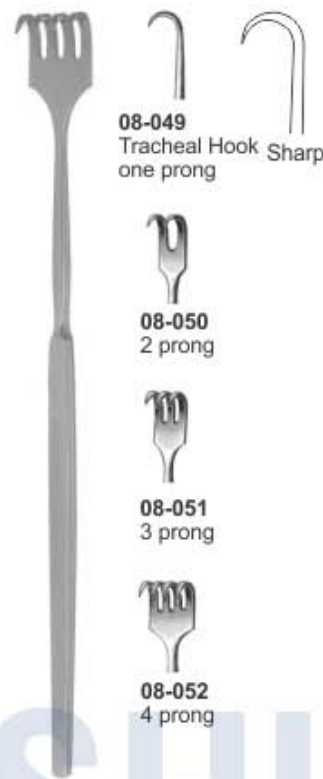
Crochet, Ecarteurs
Divaricatore, Divaricatori



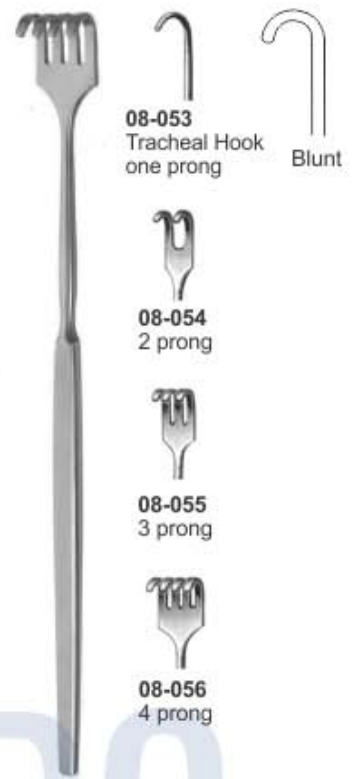
Tracheal Retractor
18 cm



Tracheal Retractor
18 cm



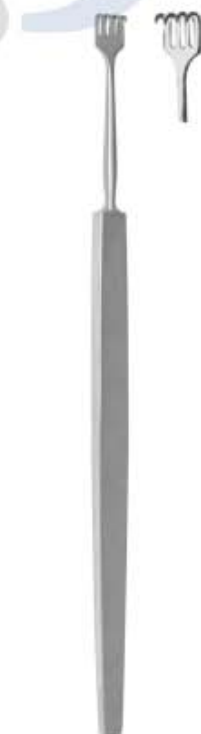
Trachea Retractor
16.5 cm Sharp



Tracheal Retractor
16.5 cm Blunt



Rollet Hooklet
Retractors
08-057
12.5cm



Rollet (Blair)
Hooklet Retractors
08-058
13.5cm



Paul Hooklet
Retractors
08-059
12.5cm



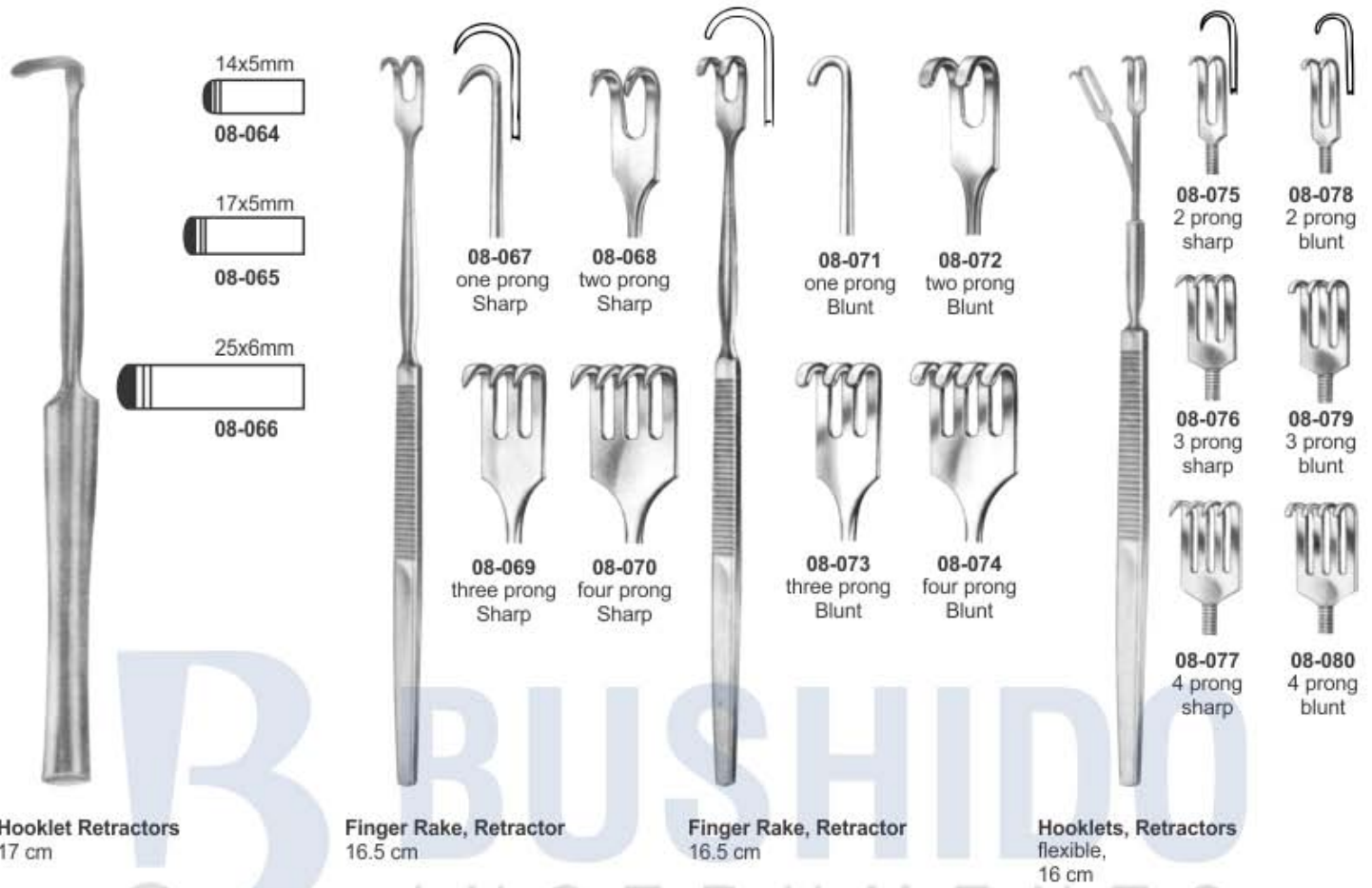
Paul Hooklet
Retractors
08-060
16cm



Miller Retractor
08-061
13.5cm
Sharp 6 prong



Miller Retractor
13.5 cm

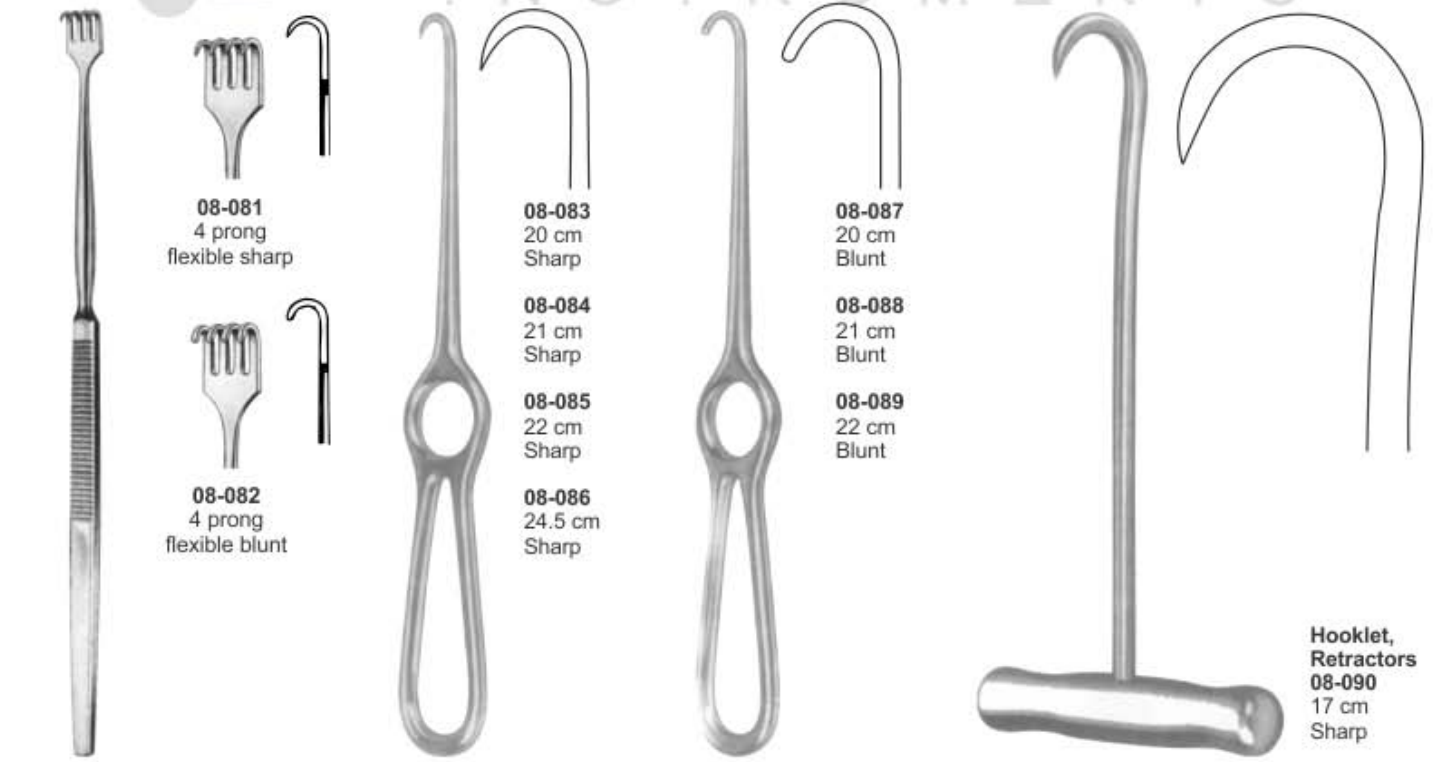


Hooklet Retractors
17 cm

Finger Rake, Retractor
16.5 cm

Finger Rake, Retractor
16.5 cm

Hooklets, Retractors
flexible,
16 cm



Peck Rake Retractor
16.5 cm

Kocher Hooklet, Retractors

Kocher Hooklet, Retractors

Hooklet, Retractors
08-090
17 cm
Sharp

Wundhäkchen, Wundhaken
Ganchito, Separadores

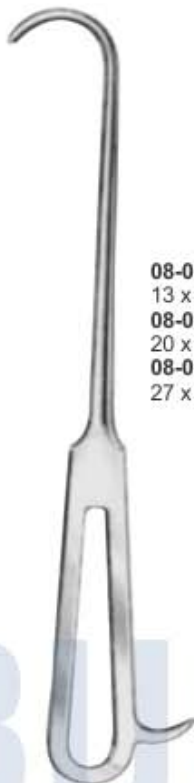
Crochet, Ecarteurs
Divaricatore, Divaricatori



Volkman Retractors
08-091 23 cm
Sharp



Volkman Retractors
08-092 23 cm
Blunt



Lambotte Retractors
20 cm

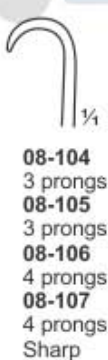
08-093
13 x 235 mm
08-094
20 x 255 mm
08-095
27 x 270 mm



Volkman Retractors
11.5 cm



Murphy Retractors
19.1 cm 7 1/2"



Senn Retractor
08-108
16 cm 6 1/4"
Blunt



Senn Retractor
08-109
16 cm 6 1/4"
Sharp



Senn-Mueller Retractor
08-110
18 x 6 mm
16 cm, 6 1/4"
sharp



Volkman Retractor
08-111
22 cm 8 3/4"
4 Prongs Sharp



Volkman Retractor
08-112
22 cm 8 3/4"
4 Prongs Blunt



Sternberg Retractor
08-113 12 cm, 4 3/4"
08-114 14 cm, 5 1/2"
08-115 16 cm, 6 1/4"

Collin-Hartmann Retractor
08-116 38 x 28 / 32 x 21 mm 14 cm, 5 1/2"
08-117 52 x 34 / 36 x 27 mm 16 cm, 6 1/4"



Herzfeld Retractor
08-118 20 cm, 8"

Strandell-Stille Retractor
08-119 19 cm, 7 1/2"

Strandell-Stille Retractor
08-120 19 cm, 7 1/2"



Schoenbore Retractor
08-121 21 cm, 8 1/4"



König Retractor
17 cm, 6 3/4"



08-122
13 x 13 mm

08-123
12 x 16 mm



Senn-Green Retractor
15 cm, 6"

08-124
10 x 6 mm

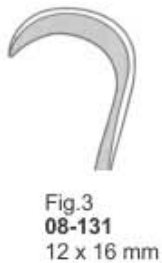
08-125
20 x 6 mm



Cottle Retractor
08-126 15 cm, 6"
10 x 12 mm

Ragnell-Davis Retractor
14 cm, 5 1/2"
08-127 8 x 4 mm
08-128 15 x 5.5 mm

Wundhaken | Ecarteurs
Separadores | Divaricatori



Mannerfelt Hooklet Retractors
15.5cm



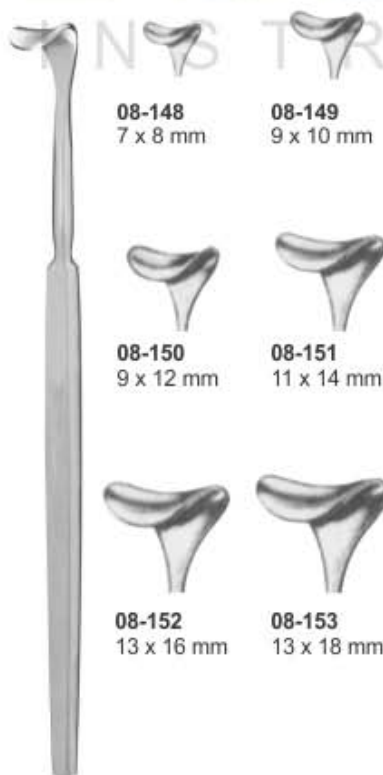
Cushing Hooklet Retractors
20cm

Cushing Hooklet Retractors
24cm

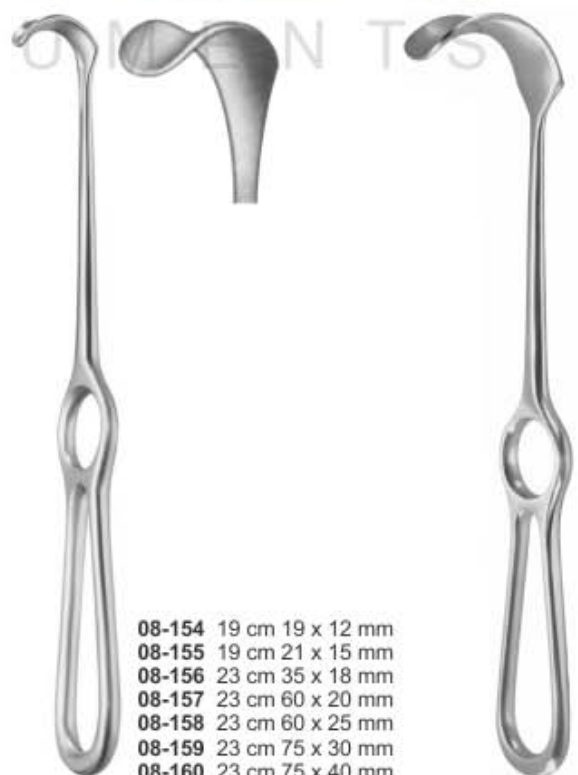
Cushing-Kocher Hooklet Retractors
18 cm



Cushing Hooklet Retractors
24cm

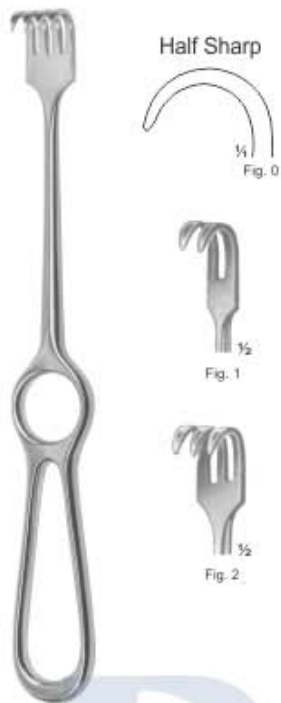


Desmarres Lid Retractors
16cm



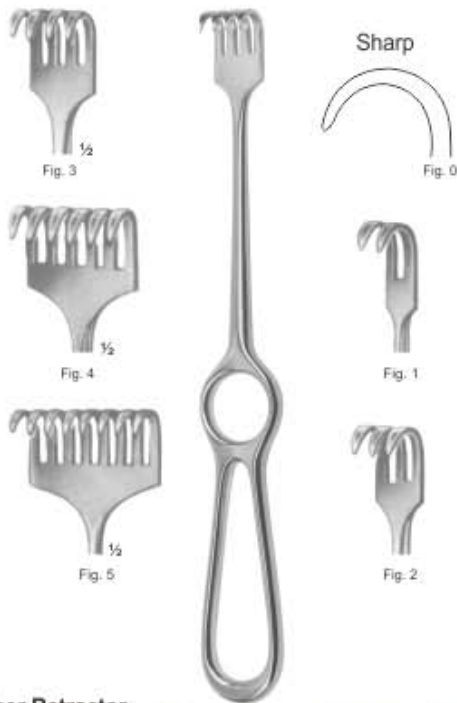
Kocher Retractor

Kocher Retractor
22 cm
08-161 40 x 10 mm
08-162 40 x 15 mm
08-163 40 x 20 mm



Kocher Retractor

- 08-164 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-165 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-166 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-167 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-168 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



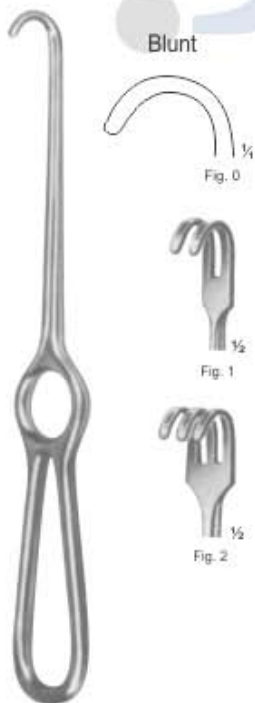
Kocher Retractor

- 08-169 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-170 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-171 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-172 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-173 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



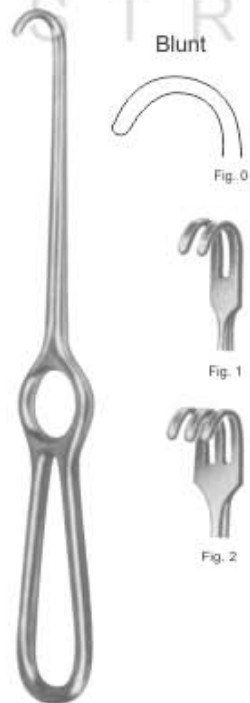
Volkman Retractors
Long Pattern
22.2 cm, 8 1/4"

- 08-174 Blunt, 2 prongs.
- 08-175 Blunt, 3 prongs.
- 08-176 Blunt, 4 prongs.
- 08-177 Blunt, 5 prongs.
- 08-178 Blunt, 6 prongs.
- 08-179 Sharp, 2 prongs.
- 08-180 Sharp, 3 prongs.
- 08-181 Sharp, 4 prongs.
- 08-182 Sharp, 5 prongs.
- 08-183 Sharp, 6 prongs.



Kocher Retractor

- 08-184 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-185 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-186 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-187 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-188 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



Kocher Retractor

- 08-189 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-190 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-191 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-192 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-193 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



Korte-Wagner Retractor
08-194 28cm
Sharp

Koerte Retractor
08-195 28cm
25 x 40 mm
semi-sharp

Wundhaken | Ecarteurs
Separadores | Divaricatori



Koerte Retractor
08-197 24cm
26 x 40 mm
sharp

Koerte Retractor
08-196 24 cm
26 x 40 mm
blunt

Koerte Retractor
08-198 23cm
Blunt

Koerte Retractor
08-199 23cm
46 x 55 mm
blunt

Ollier Retractor
08-200 18.5cm

Lahey Goiter Retractor
08-201 20.4cm
Right angle blade, length
1 inch. With lip.



Lahey Retractor
08-202 19cm

Tendon Hooks Retractor
08-203 12 x 6 mm Fig. 1
08-204 12 x 11 mm Fig. 2
17.5cm

Klapp Retractor
08-205 17.5cm
15 x 11 mm

Little Retractor
08-206 20cm
12x14 mm

Wassmund Retractor
08-207 20cm
33 x 20mm

Middeldorpf Retractor
21cm

08-208
14x17mm

08-209
20x22mm

08-210
26x30mm



Kocher Retractor
28 cm 11"



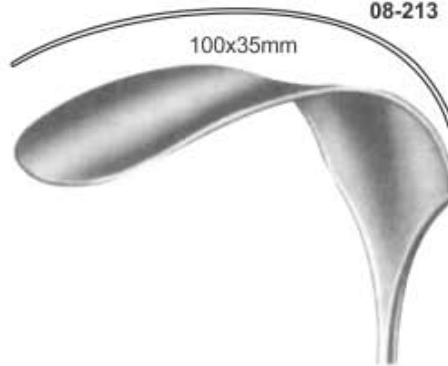
08-211



08-213



08-212



08-214



Kocher Retractor
08-215
22.5 cm 8 3/4"
70 x 25 mm



Kocher-Wagner Retractor
28 cm, 11"



08-216
22 x 15 mm



08-217
38 x 20 mm



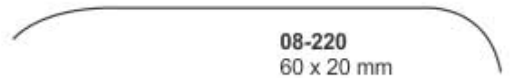
08-218
67 x 25 mm



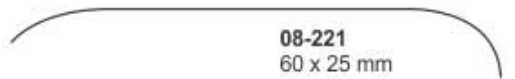
Kocher Retractor
23 cm, 9"



08-219
40 x 18 mm



08-220
60 x 20 mm



08-221
60 x 25 mm



08-222
75 x 30 mm



08-223
75 x 40 mm

Wundhaken | Ecarteurs
Separadores | Divaricatori



Kocher-Langenbeck Retractor
21.5 cm, 8 1/2"



08-224
25 x 6 mm



08-225
35 x 8 mm



08-226
35 x 11 mm



08-227
35 x 15 mm



08-228
40 x 11 mm



08-229
55 x 11 mm



08-230
70 x 14 mm



08-231
80 x 12 mm



08-232
80 x 16 mm



Langenbeck Retractor
24 cm, 8 1/4"



08-233
35 x 7mm



08-234
35 x 15mm



08-235
35 x 11mm



08-236
35 x 20mm



Langenbeck Retractor 08-237
21.5 cm 8 1/2"
Handle vertical to the blade



Langenbeck Retractor 08-238
21 cm 8 1/4"
38 x 9mm

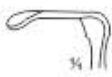


Caspar Retractor
21 cm, 8 1/4"

Wundhaken | Ecarteurs
Separadores | Divaricatori



Langenbeck Retractor
20.4 cm, 8"



08-241
20 x 7 mm



08-242
30 x 7 mm



08-243
30 x 11 mm



08-244
30 x 15 mm



08-245
30 x 20 mm



08-246
44 x 10 mm



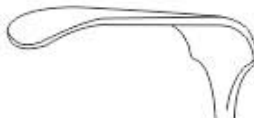
08-247
44 x 15 mm



08-248
45 x 20 mm



08-249
50 x 20 mm



08-250
60 x 20 mm



Meyerdling Finger Retractor
18 cm, 7"



08-251
long blunt blade,
6 x 17 mm



08-254
long toothed blade,
5 x 16mm



08-252
short toothed blade,
3 x 6 mm



08-255
short blunt blade,
3 x 10mm



08-253
curved blunt blade,
3 x 8mm
Saddle Shaped



08-256
curved three prong
sharp blade,
10 x 4mm



Langenbeck Retractor
22 cm, 8 1/2"



08-257
25 x 6 mm



08-260
35 x 15 mm



08-264
25 x 6 mm



08-267
35 x 15 mm



08-258
35 x 8 mm



08-261
41 x 11 mm



08-265
35 x 8 mm



08-268
41 x 11 mm



08-259
35 x 11 mm



08-262
55 x 11 mm



08-266
35 x 11 mm



08-269
55 x 11 mm



08-263
70 x 14 mm



Langenbeck Retractor
22 cm, 8 1/2"



08-270
70 x 14 mm

Wundhaken | Ecarteurs
 Separadores | Divaricatori



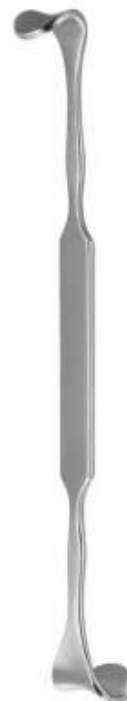
Blount Knee Retractor
08-271 17.5 cm, 6 3/4"
 42 x 4 mm



Taylor Spinal Retractors
08-272 16.5 cm, 6 1/2"
 75 x 30 mm / 100 x 30 mm



Luer Retractor
08-273 11 cm, 4 1/4"
 10 x 8 mm / 12 x 11 mm



Rose Retractor
08-274 13 cm, 5"
 12 x 12 mm /
 12 x 15 mm



20 x 6 mm

12 x 4 mm

Crile Retractor
08-275 11 cm, 4 1/4"
 12 x 4 mm /
 20 x 6 mm



Mathieu Retractor
 Set 2 pcs.
08-276 20 cm, 8"
 47 x 13 / 46 x 26 mm
08-277 20 cm, 8"
 42 x 13 / 42 x 26 mm



Us-Army Retractor
 Set 2 pcs.
08-278 21.5 cm, 8 1/2"
 28 x 15 / 42 x 15 mm
08-279 21.5 cm, 8 1/2"
 25 x 15 / 38 x 15 mm



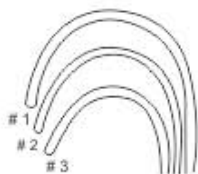
Richardson Eastman Retractor
08-280 26 cm, 10 1/4"
 small



Richardson Eastman Retractor
08-281 28 cm, 11"



Sofield Retractor
08-282
 set of 6 pec.



Rous Retractor

Set 3 pcs, consisting of

08-283 14 cm, 5 1/2" 24 x 20 / 30 x 28 mm

08-284 15 cm, 6" 29 x 26 / 36 x 36 mm

08-285 17 cm, 6 3/4" 33 x 29 / 38 x 43 mm



Baby-Roux Retractor

08-286 13 cm, 5"

15 x 15 mm /

18 x 21 mm



Roux Retractor

08-287 16.5 cm, 6 1/2"

28 x 23 mm /

43 x 23 mm



Roux Retractor

08-288 18.5 cm, 7 1/4"

28 x 27 mm /

45 x 27 mm



Mini-Roux Retractor

08-289

14 cm, 5 1/2"

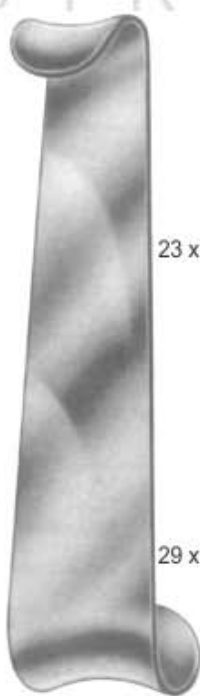


Roux-Magnus Retractor

08-290 15 cm, 6"

20 x 22 mm /

25 x 38 mm

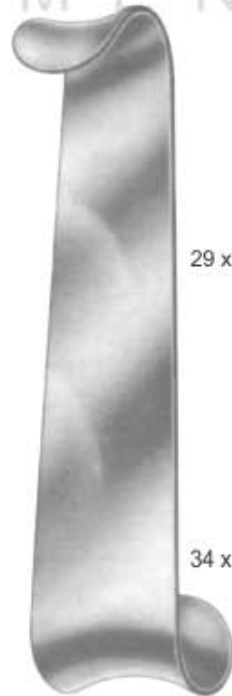


Roux-Magnus Retractor

08-291 16 cm, 6 1/4"

23 x 26 mm /

29 x 38 mm



Roux-Magnus Retractor

08-292 17 cm, 6 3/4"

29 x 29 mm /

34 x 44 mm



08-293

Baby (7x100mm)

08-294 infantil (10x120mm)

08-295 Adult (13x125mm)

08-296 Adult (15x150mm)

08-297 Extra Large (20x180mm)

Farabeuf Retractor

Wundhaken | Ecarteurs
Separadores | Divaricatori



Farabeuf Retractor
Set 2 Pcs.
08-298 13 cm, 5"
30 x 10 / 34 x 13 mm
08-299 13 cm, 5"
26 x 10 / 30 x 13 mm



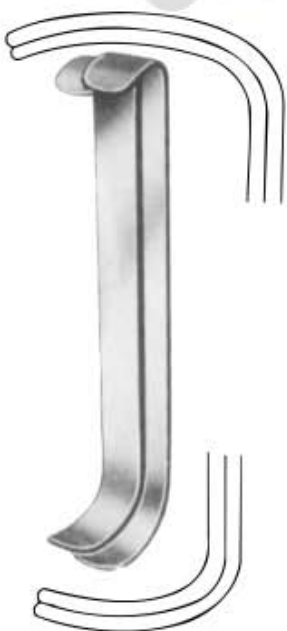
Farabeuf Retractor
Set 2 Pcs.
08-300 15 cm, 6"
27 x 16 / 30 x 16 mm
08-301 15 cm, 6"
23 x 16 / 26 x 16 mm



Parker Retractor
Set 2 pcs.
08-302 13.5 cm, 5 1/4"
22 x 15 mm / 22 x 15 mm
08-303
18.4 cm 7 1/4"



Parker Retractor
08-304 13.5 cm, 5 1/4"
18 x 15 mm / 19 x 15 mm



Collin Retractor
Set 2 pcs.
08-305 16.5 cm, 6 1/2"
25 x 12 / 35 x 16 mm
08-306 16.5 cm, 6 1/2"
20 x 12 / 30 x 16 mm



Mayo-Collin Retractor
Set 2 pcs.
08-307 15 cm, 6"
28 x 18 / 25 x 18 mm



Parker-Langenbeck Retractor
Set of 2 Pcs.
08-308 25 x 15 mm fig. 2
08-309 21 x 15 mm fig. 1
08-310 40 x 15 mm fig. 1
08-311 46 x 15 mm fig. 2



Parker-Mott Retractor
08-312
16 cm 6 1/4"
68 x 24 / 74 x 24 mm

08-313
115 x 65 mm



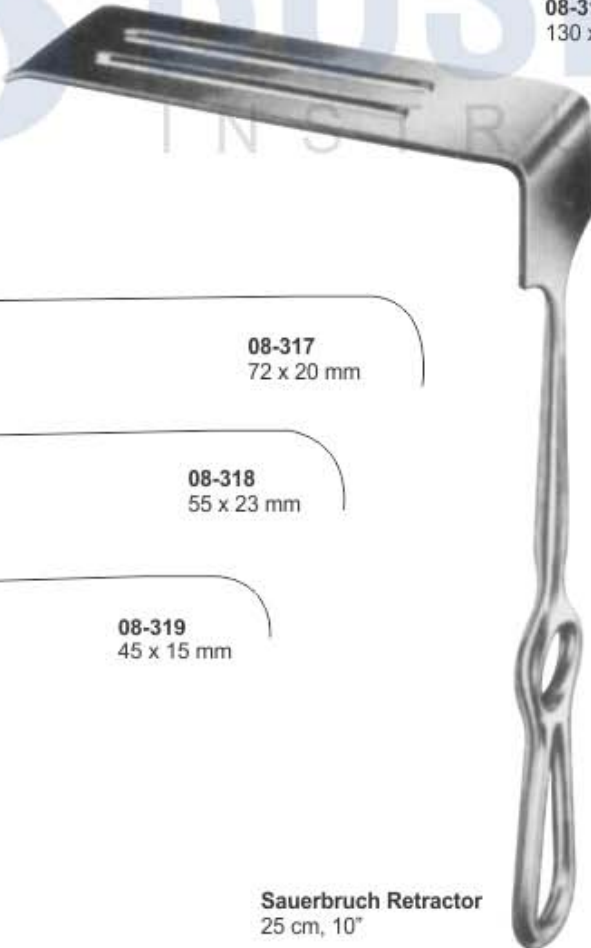
08-314
115 x 38 mm



08-315
82 x 22 mm



08-316
130 x 38 mm



Coryllos Retractor
22.5 cm, 8 3/4"

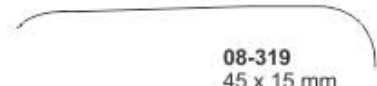
08-317
72 x 20 mm



08-318
55 x 23 mm



08-319
45 x 15 mm



Sauerbruch Retractor
25 cm, 10"



Davidson Retractor
08-320 16 cm, 6 1/4" 75 x 50 mm
08-321 16 cm, 6 1/4" 75 x 90 mm

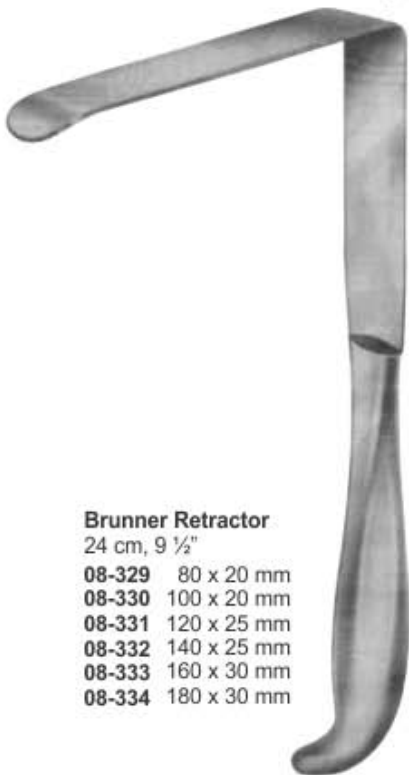
Wundhaken | Ecarteurs
Separadores | Divaricatori



Brunner Retractor
25 cm, 10"

- 08-322**
180 x 30 mm
- 08-323**
160 x 30 mm
- 08-324**
140 x 30 mm
- 08-325**
130 x 30 mm
- 08-326**
120 x 25 mm
- 08-327**
100 x 25 mm
- 08-328**
80 x 20 mm

- 180 x 30 mm
- 160 x 30 mm
- 140 x 25 mm
- 120 x 25 mm
- 100 x 20 mm
- 80 x 20 mm



Brunner Retractor
24 cm, 9 1/4"

- 08-329** 80 x 20 mm
- 08-330** 100 x 20 mm
- 08-331** 120 x 25 mm
- 08-332** 140 x 25 mm
- 08-333** 160 x 30 mm
- 08-334** 180 x 30 mm



Brunner Retractor
24 cm, 9 1/4"

- 08-335** 80 x 20 mm
- 08-336** 100 x 20 mm
- 08-337** 120 x 25 mm
- 08-338** 140 x 25 mm
- 08-339** 160 x 30 mm
- 08-340** 180 x 30 mm



Wundhaken | Ecarteurs
Separadores | Divaricatori



Mikulicz Retractor
26 cm, 10 1/4"
08-351
85 x 50 mm



Kelly Retractor
27 cm, 10 1/2"
08-352
190 x 38 mm
08-353
190 x 57 mm

Mikulicz Retractor
26 cm, 10 1/4"
08-354
95 x 35 mm

Mikulicz Retractor
26 cm, 10 1/4"
08-355
120 x 50 mm
08-356
150 x 50 mm

BUSHIDO
INSTRUMENTS



Cheek-And Lip Retractor
19 cm, 7 1/2"
08-357
Movable



Tuffier Retractor
23 cm, 9"
08-358 55 x 63 mm



Bennet Retractor
08-359
24cm



Doyen Retractor
25 cm, 10"
08-360 50 x 85 mm



Fritch Retractor
08-361
2.75 x 2 mm



Fritsch Retractor
24 cm, 9 1/2"
08-362 35 x 40 mm



Fritsch Retractor
08-363 24 cm, 9 1/2" 30 x 30 mm
08-364 24 cm, 9 1/2" 32 x 40 mm
08-365 24 cm, 9 1/2" 40 x 50 mm
08-366 24 cm, 9 1/2" 40 x 60 mm
08-367 24 cm, 9 1/2" 45 x 75 mm
08-368 24 cm, 9 1/2" 65 x 85 mm



Mikulicz Retractor
08-369
 29 cm 11.5"



Tuffier Retractor
08-370 23 cm 9"
 64 x 60mm



Harrington Retractor
08-371 32 cm, 12 3/4"
08-371 127 x 40 mm
08-372 127 x 62 mm



Harrington Extra Deep Retractor
08-373 30cm 11 3/4"
 Hollow handle, 5.7cm width x 20.5cm 8" depth blade



Harrington Splanchnic Retractor
08-374 31.5cm 12 1/2"
 Hollow handle, 3.8cm 1 1/2" width x 12.0cm 4 3/4" depth blade



Debakey-Coolley Retractor
08-375 31.0cm 12 1/4"
 Hollow handle, 5.7cm 2 1/4" width x 18.4cm 7 1/4" depth blade



Meyerding Retractor
08-376
 22.5 cm, 9"
 75 x 25mm



08-377
 50 x 16mm

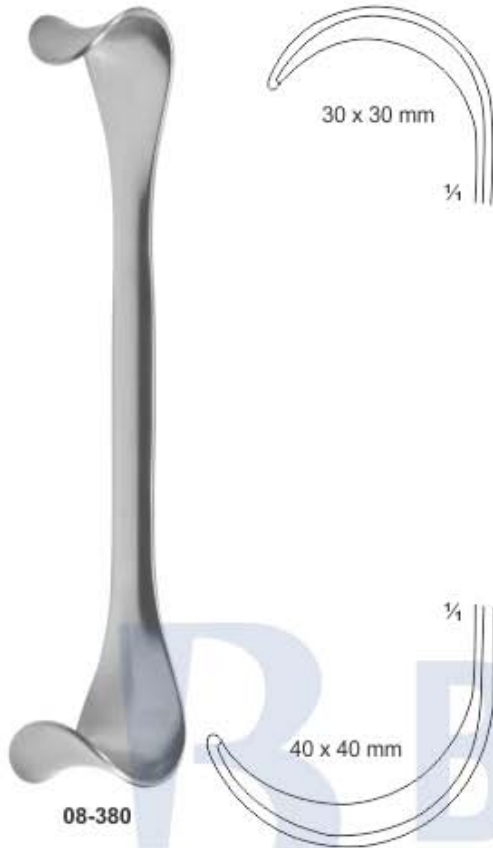


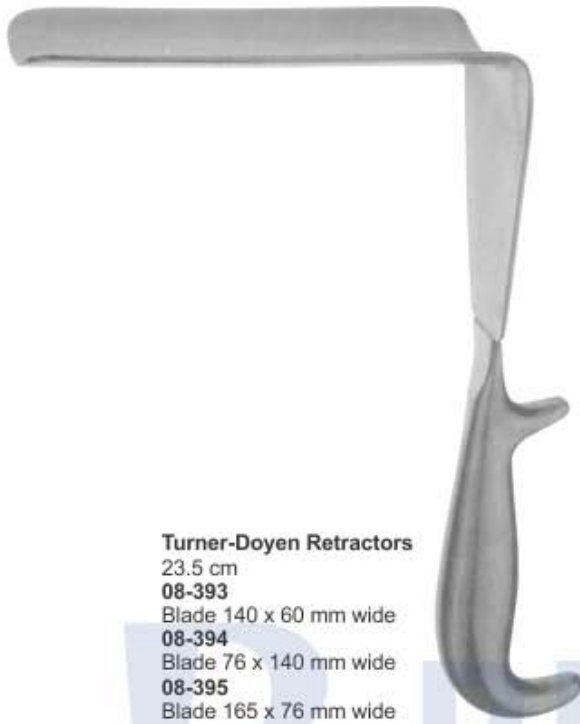
08-378
 75 x 15mm

Goelet Retractor
08-379
 19 cm 7 1/2"
 Double Ended

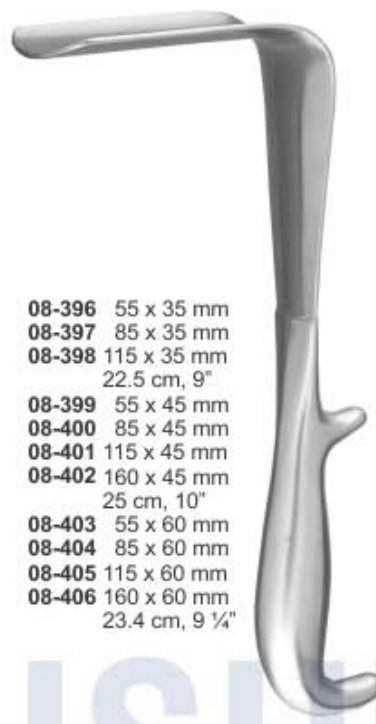
Wundhaken, Venenhäkchen
Separadores, Ganchitos Para venas

Ecarteurs, Ecarteurs sous
Divaricatori, Divaricatori per veni





Turner-Doyen Retractors
23.5 cm
08-393
Blade 140 x 60 mm wide
08-394
Blade 76 x 140 mm wide
08-395
Blade 165 x 76 mm wide



08-396 55 x 35 mm
08-397 85 x 35 mm
08-398 115 x 35 mm
22.5 cm, 9"
08-399 55 x 45 mm
08-400 85 x 45 mm
08-401 115 x 45 mm
08-402 160 x 45 mm
25 cm, 10"
08-403 55 x 60 mm
08-404 85 x 60 mm
08-405 115 x 60 mm
08-406 160 x 60 mm
23.4 cm, 9 1/4"

Doyen Vaginal Retractors



08-407 23cm
Small Blade 70x19mm wide
08-408 25cm
Medium Blade 82x29mm wide
08-409 28cm
Large Blade 22X64mm
08-410 28cm
Large Blade 38X89mm

Sawyer Retractors



08-411 23cm
Blade 60x24mm wide
08-412 25cm
Blade 75x35mm wide

Ferguson-Moon Rectal Retractors



08-413 23cm
Blade 64x24mm wide
08-414 23cm
Blade 76x32mm wide
08-415 25cm
Blade 76x35mm wide

Hill Ferguson Rectal Retractors



08-416 24cm
50x40mm wide
08-417 24cm
65x50mm wide
08-418 25cm
75x65mm wide
08-419 25cm
90x75mm wide

Kelly Retractors



08-420 24cm
Blade 25x20mm wide
08-421 24cm
Blade 36x28mm wide
08-422 24cm
Blade 44x28mm wide
08-423 25cm
Blade 52x22mm wide
08-424 25cm
Blade 70x52mm wide

Richardson Retractors

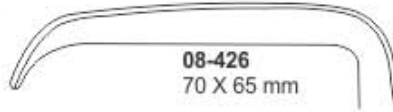
Wundhaken | Ecarteurs
Separadores | Divaricatori



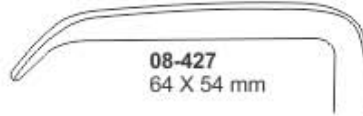
Kelly Retractor
08-425 25cm
55x50mm



Kelly Retractor
26cm



08-426
70 X 65 mm



08-427
64 X 54 mm



08-428 70x40mm
08-429 70x50mm
08-430 70x65mm

Morris Retractor
24.5 cm 9 3/4"



Richardson Retractor
08-431 24cm



Richardson Retractor
24.0 cm 9.5"



08-432
23 x 20 mm



08-433
30 x 29 mm



08-434
37 x 37 mm



08-435
64 x 43 mm



38 x 37 mm

22 x 21 mm

08-436
39 x 30 mm

Richardson-Eastman Retractor
25.0 cm 10", Set of 2 piece



Malleable Retractor

Item	Description	Tip
08-437	20 cm	12 mm
08-438	20 cm	17 mm
08-439	20 cm	25 mm
08-440	33 cm	25 mm
08-441	33 cm	32 mm
08-442	33 cm	40 mm
08-443	33 cm	50 mm



Ribbon Retractor
08-444
20 cm, 8"
Width 4 cm



Ribbon Retractor
08-445
20 cm, 8"
Width 2.5 cm



Tuffier / Haberer Retractor
08-446 20 cm, 8"
17 x 25 mm
08-447 28 cm,
11" 25 x 30 mm
08-448 30 cm,
11 3/4" 37 x 45 mm
malleable



Bruening Spatuala
08-449
19 cm



Flexival Abdominal Spatuala
08-450 300x20mm
08-451 300x25mm
08-452 300x30mm
08-453 300x35mm
08-454 300x40mm
08-455 300x45mm
08-456 300x50mm



Reverdin Retractor
08-457
28cm
46x60mm



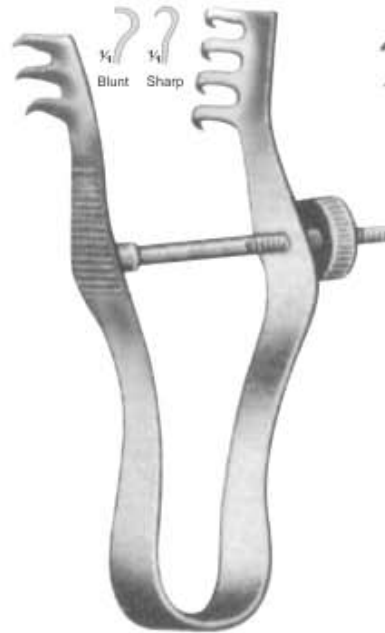
Reverdin Retractor
08-458
29cm



Blood Scoop
08-459
15cm



Heiss Retractor
08-460 10cm
Sharp 4:4
08-461 10cm
Blunt 4:4

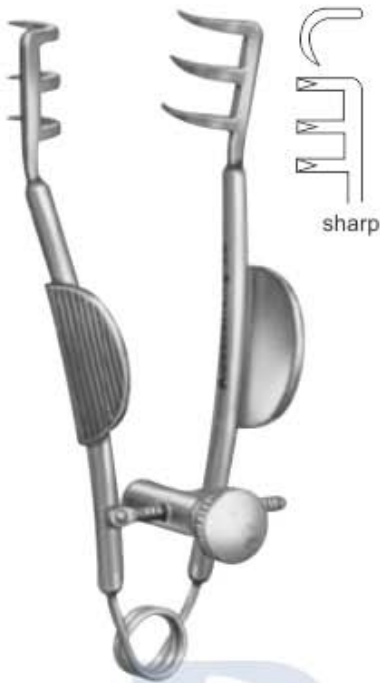


Finsen Retractor
08-462 7 cm, 2 3/4"
3 x 4 teeth, sharp
08-463 7 cm, 2 3/4"
3 x 4 teeth, Blunt



Finsen Retractor
08-464 5 cm, 2"
2 x 3 teeth sharp/blunt
08-465 7 cm, 2 3/4"
2 x 3 teeth sharp/blunt

Wundhaken | Ecarteurs
Separadores | Divaricatori



Buckley Retractor
08-466 6cm



Lancaster Eye Speculum
08-467 8.3cm
blades 15 X 5 mm



Castroviejo Eye Speculum
08-468 9.5cm
medium blades
15 X 5 mm O.D.



ALM Retractor
08-469 7 cm, 2 3/4"
4 x 4 teeth sharp/blunt
08-470 10 cm, 4"
4 x 4 teeth sharp/blunt



Wire Retaining Retractor
08-471 8.5 cm, 3 1/2" 3 x 3 Prong
08-472 8.5 cm, 3 1/2" 1 x 1 Prong Sharp



Farr Wire Retractor
08-473 14 cm 5 1/2"
prongs 1.9 cm 3/4"



Jansen Retractor
08-474 10 cm, 4"
Sharp 3x3
08-475 10 cm, 4"
Blunt 3x3



Houzel Retractor
08-476 29 cm, 11 1/2"



Mollison Retractor
08-477 15cm, 6"
sharp



Milligan Retractor
08-478 13 cm, 5"
18.5 mm x 20 mm
Blunt, 3x3



Markham/Meyerding Retractor
08-479 18cm, Blade 55 x 25 mm Left
08-480 18cm, Blade 55 x 25 mm Right



Darling Retractor
08-481 18 cm, 7"
40 x 76/25 x 54 mm
08-482 18 cm, 7"
25 x 64/40 x 76 mm
Laminectomy Retractors
1 blade toothed



Debakey Gelpi Retractor
08-483 13.5cm 5 3/8"
Spread 3 1/8" 8cm, Sharp,

Wundhaken | Ecarteurs
 Separadores | Divaricatori



- 08-484 9cm
- 6 mm Sharp
- 08-485 11cm
- 10 mm Sharp
- 08-486 14cm
- 10 mm Sharp
- 08-487 16cm
- 10 mm Sharp
- 08-488 19cm
- 10 mm Sharp

Gelpi-Loktite Retractor



100 mm

Gelpi-Perineal Retractor
 08-489 17.8cm
 ball stops on sharp tenaculum
 prongs, arm length 12cm



Gelpi-Loktite Retractor
 08-490 9 cm, 6mm Sharp Cross Over
 08-491 11 cm, 10mm Sharp Cross Over
 08-492 14 cm, 10mm Sharp Cross Over
 08-493 16 cm, 10mm Sharp Cross Over
 08-494 19 cm, 10mm Sharp Cross Over



Seletz-Gelpi Retractor
 08-495 17.8cm, 7"
 modified with long
 curve in shanks



Schuhknecht Retractor
 08-496 Sharp
 08-497 Blunt
 14 cm, 5 1/2"



Wullstein Retractor
 08-498 08-501 10.5 cm, 4"
 08-499 08-502 13.0 cm, 5"
 08-500 08-503 16.0 cm, 6 1/4"
 Sharp Blunt



Travers Retractor
 08-504
 21 cm, 8 1/4" Blunt

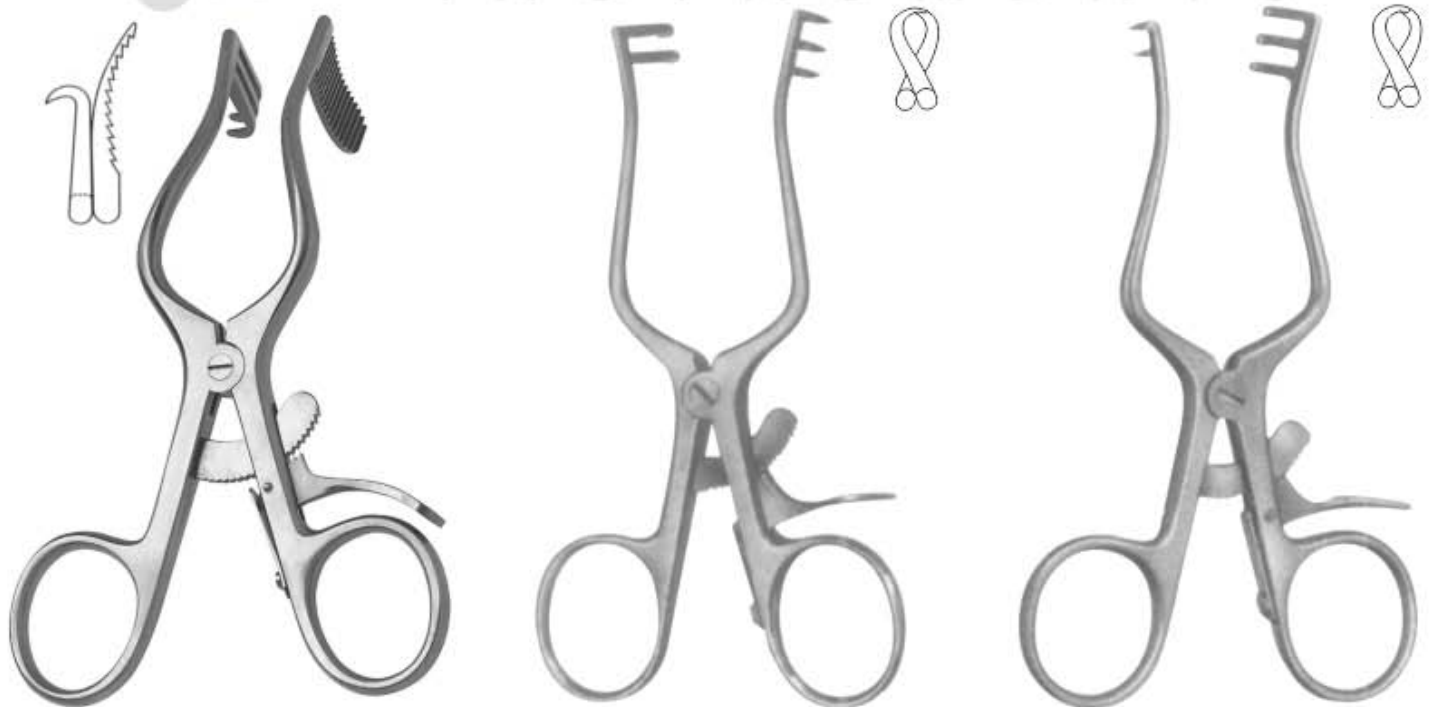


Righby Retractor
08-505 35 x 20 mm
08-506 60 x 20 mm
08-507 65 x 15 mm
18 cm, 7"

Weitlaner Retractor
08-508
13.0 cm 5.25"
Sharp

Weitlaner Retractor
08-509
16.5 cm 6.5"
Sharp

Plester Retractor
08-510
11.0 cm 4.25"
Blunt

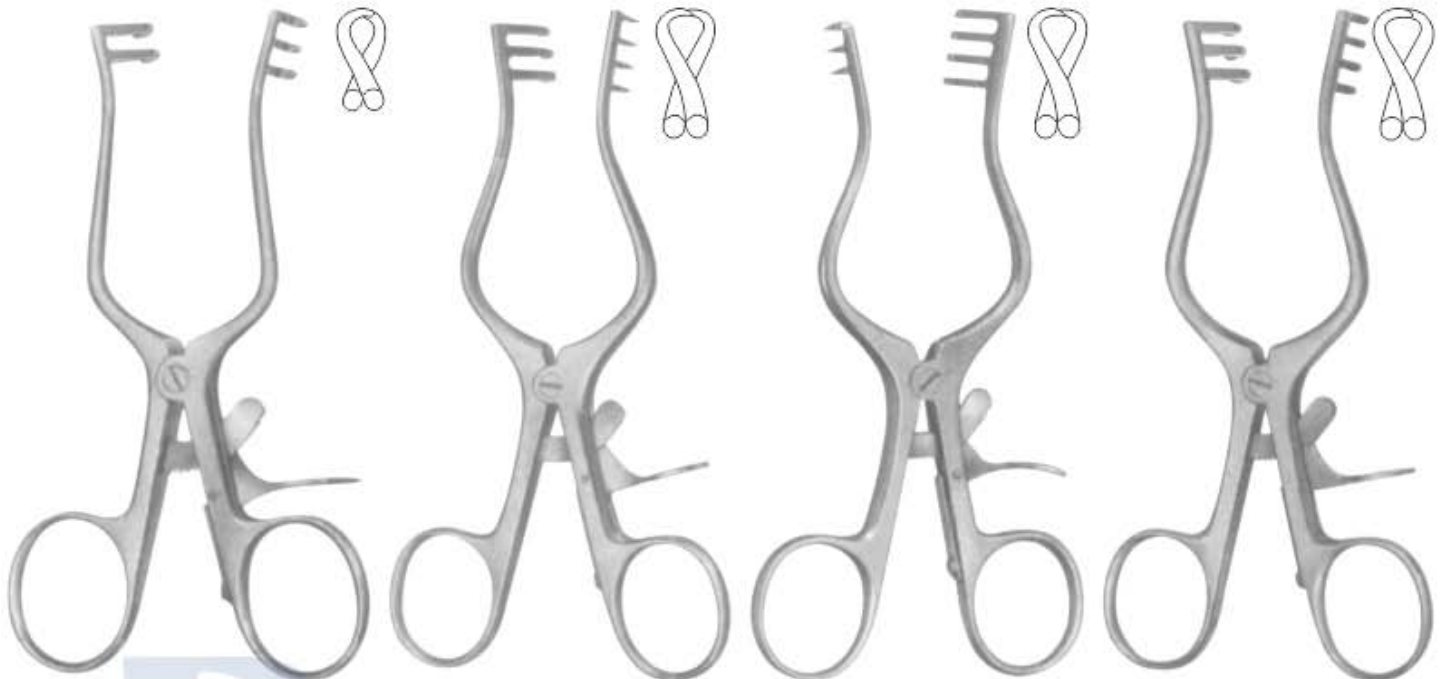


Perkins Retractor
08-511 13cm

Weitlaner Retractor
08-512 11 cm
Sharp

Weitlaner Retractor
08-513 11 cm
Semi-Sharp

Wundhaken | Ecarteurs
 Separadores | Divaricatori



Weitlaner Retractor
08-514 11cm
 Blunt

Weitlaner Retractor
08-515 13cm
 Sharp

Weitlaner Retractor
08-516 13cm
 Semi-Sharp

Weitlaner Retractor
08-517 13cm
 Blunt

BUSHIDO
 INSTRUMENTS



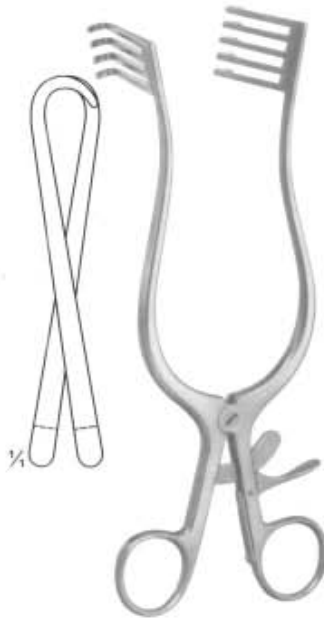
Kolbel Soft Tissue Retractor
08-518 18.0cm 7"
 Angled, 2 x 2 Pronged

Meyerding Retractor
08-519 16.5cm 6 1/2"
08-520 24.1cm 9 1/2" Large Blade
 8.9 cm 3 1/2" X 5.1 cm 2"
08-521 24.1 cm 9 1/2" Small Blade
 5.1 cm 2" X 1.6 cm 5/8"

D'Errico-Adson Retractor
08-522 19.0cm 7 3/8"
 4 X 4-pronged,
 2.0cm 3/4" depth blade
 Sharp



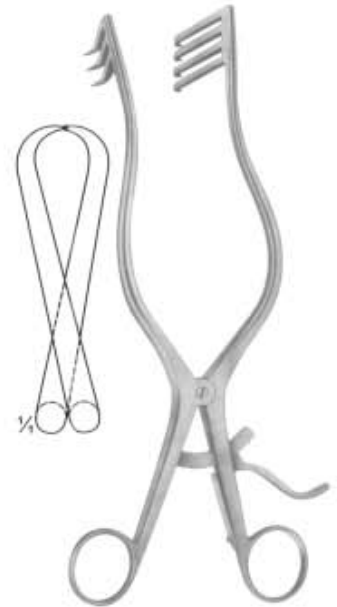
Anderson-Adson Retractor
08-523 19.0 cm 7 1/2"
Sharp



Norfolk & Norwich Retractor
08-524 22.0 cm 8 3/4"
Blunt



Adson Retractor
08-525
19.1 cm 7-1/2" sharp,
4 X 4 teeth straight Arms



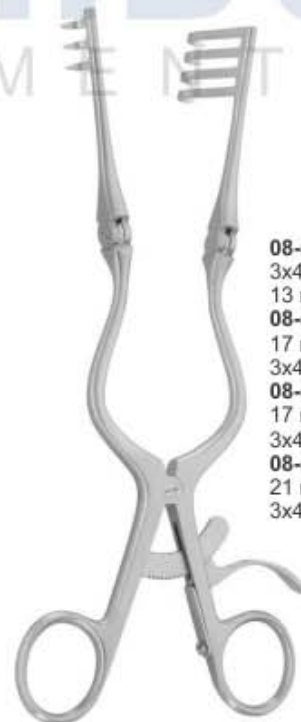
Adson Retractor
08-526 26.5 cm 10 1/4"
Sharp



Beckman-Weitlaner Retractor
08-527 16.5cm 6 1/2"
3 x 4 Sharp prongs



Beckman-Weitlaner Retractor
08-528 16.5cm 6 1/2"
3 x 4 Blunt prongs



Cone Retractor

08-529 31 cm, 12"
3x4 Blunt prongs,
13 mm x 14.5 mm
08-530 16.5 cm, 6 1/2"
17 mm x 19 mm
3x4 Sharp prongs,
08-531 16.5 cm, 6 1/2"
17 mm x 19 mm
3x4 Blunt prongs,
08-532 20 cm, 8"
21 mm x 210 mm
3x4 Blunt prongs,

Wundhaken | Ecarteurs
Separadores | Divaricatori



Beckman Retractor
08-533 31.7cm 12 1/2"
Spread 3.5cm 5 3/8" 4 x 4
Sharp prongs, Arm length
8.5cm 3 3/8"



Beckman Retractor
08-534 31.1cm 12 1/4"
4 x 4 Sharp prongs 27mm,
Side Blade 1.7cm 5/8" deep,



Beckman Retractor
08-535 31.1cm 12 1/4"
4 x 4 Blunt prongs 27mm,
Side Blade 1.7cm 5/8" deep,



Joll (Friedman)
08-536 15.5 cm, 6 1/2"
Thyroid- and Vaginal Retractor



Jackson Burrows Retractor
08-537 18.5cm
Blunt



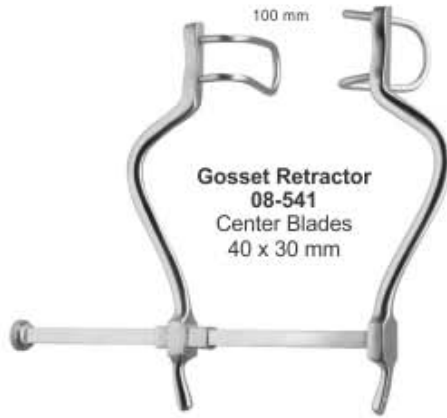
Gelpi Vaginal Retractor
08-538 13.5cm



Gelpi Skin & Vaginal Retractor
08-539 17.5cm



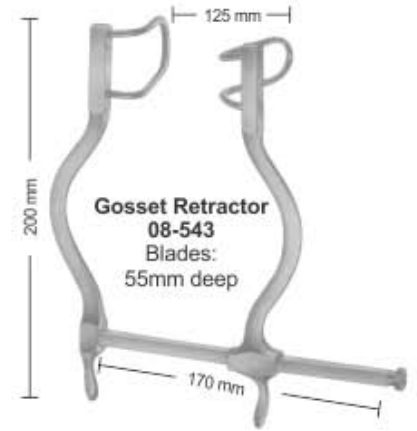
De Bakey Femur Retractor
08-540 14.5cm



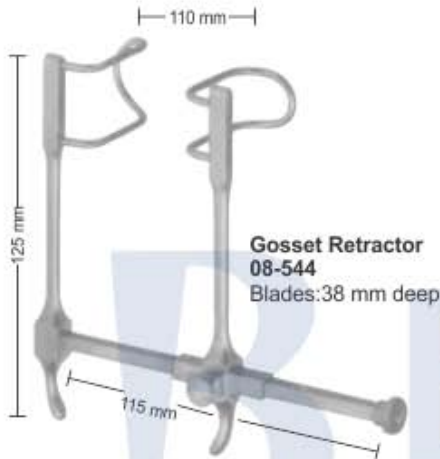
**Gosset Retractor
08-541**
Center Blades
40 x 30 mm



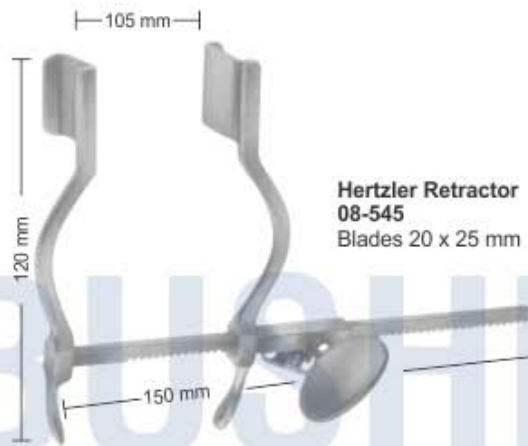
**Gosset Retractor
08-542**
Lateral Blades
58 mm deep
Center blade
59 x 57 mm



**Gosset Retractor
08-543**
Blades:
55mm deep



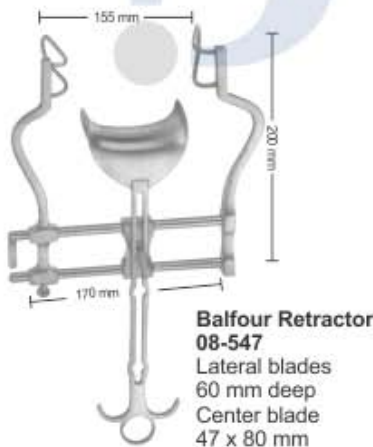
**Gosset Retractor
08-544**
Blades:38 mm deep



**Hertzler Retractor
08-545**
Blades 20 x 25 mm



**Balfour-Baby
Retractor
08-546**
Lateral Blades
27 mm deep
Center blade
21 x 24 mm



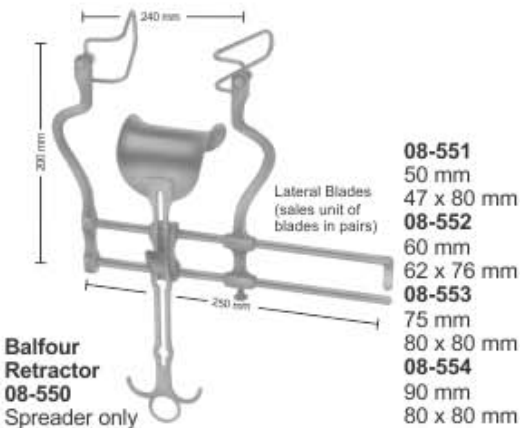
**Balfour Retractor
08-547**
Lateral blades
60 mm deep
Center blade
47 x 80 mm



**Balfour Retractor
08-548**
Lateral blades
105 mm deep
Center blade
107 x 59 mm



08-549
Center blade only
54 x 80 mm



**Balfour
Retractor
08-550**
Spreader only

- 08-551** 50 mm
 - 08-552** 60 mm
 - 08-553** 75 mm
 - 08-554** 80 x 80 mm
 - 08-555** 80 x 80 mm
 - 08-556** 62 x 76 mm
 - 08-557** 90 mm
 - 08-558** 80 x 80 mm
- Lateral Blades
(sales unit of
blades in pairs)



Finochietto Retractors
08-555 18x22 8cm
08-556 25x40 13cm
08-557 38x45 16cm
08-558 40x45 18cm



Gosset Abdominal Retractors
08-559 12cm
08-560 16cm
08-561 24cm
08-562 30cm

Wundhaken | Ecarteurs
Separadores | Divaricatori



08-565
Single Retractor Blade
110 x 70 mm

O'Sullivan/O'Connor Retractor
08-563 (Set includes frame & 3 blades)
08-564 Frame Only (not pictured)



08-566
Set of 2 Retractor Blade
80 x 45 mm



ABRE BOCA MC IVOR C/3
LAMINAS S/ SUCCAO
ABRE BOCA
08-567



08-568
Center Blade
45 x 80 mm
70 x 85 mm

Sizes of These Blades to
Same as about Blades.

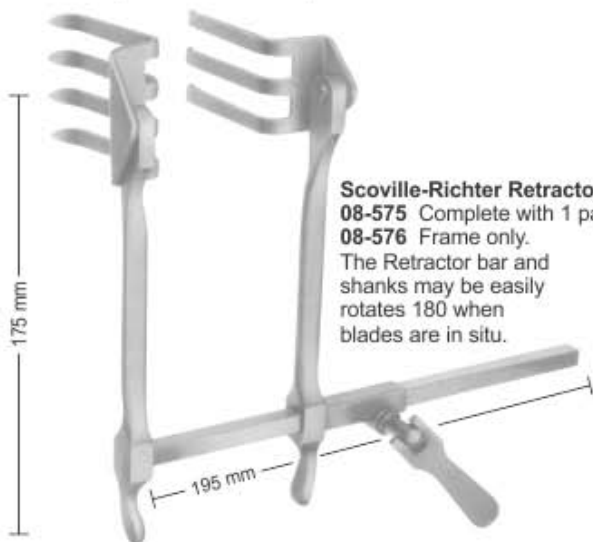


08-569
Center Blade
100 x 60 mm



Collin Retractor
08-570 Complete
08-571 Spreader only
08-572 Blades 55 x 25 mm
08-573 Blades 80 x 25 mm
08-574 Center Blade
115 x 45 mm

155 mm



Scoville-Richter Retractor
08-575 Complete with 1 pair blades.
08-576 Frame only.
The Retractor bar and
shanks may be easily
rotates 180 when
blades are in situ.



08-577
62 x 52 mm



08-578
62 x 37 mm



08-579
47 x 51 mm



08-580
30 x 40 mm



08-581
37 x 62 mm

Wundhaken | Ecarteurs
Separadores | Divaricatori



Initial Incision Retractor
08-582 30cm 11 3/4"
Complete



Legueu Retractor
08-583
17 cm, 6 3/4"



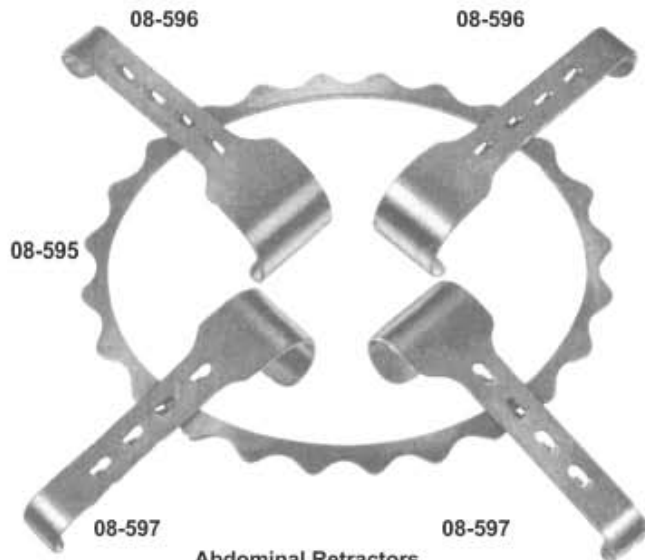
Collin Retractor
08-584 20 cm, 8"
complete with 2 lateral
blades and central blade



Doyen Retractor
08-585 48 mm x 90 mm
08-586 48 mm x 105 mm
08-587 48 mm x 120 mm
08-588 48 mm x 135 mm
28 cm, 11"



Rochard Retractor
08-589 48 mm x 90 mm
08-590 48 mm x 105 mm
08-591 48 mm x 120 mm
08-592 48 mm x 135 mm
08-593 48 mm x 155 mm
31 cm, 12"



Abdominal Retractors
for new-born and children

Denis-Browne Retractor
08-594 Complete with 4 blades

- 08-595 Frame 190 x 160 mm
- 08-596 2 blades only 40 x 30 mm
- 08-597 2 blades only 40 x 40 mm

08-598
Blades only 20 x 30 mm

08-599
Blades only 20 x 40 mm



Wundhaken | Ecarteurs
 Separadores | Divaricatori

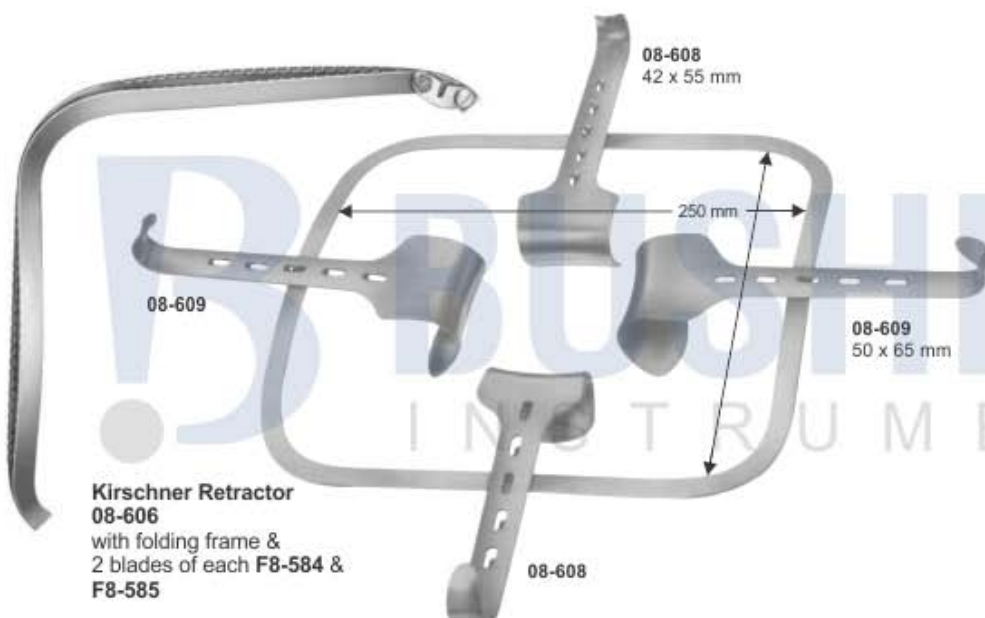
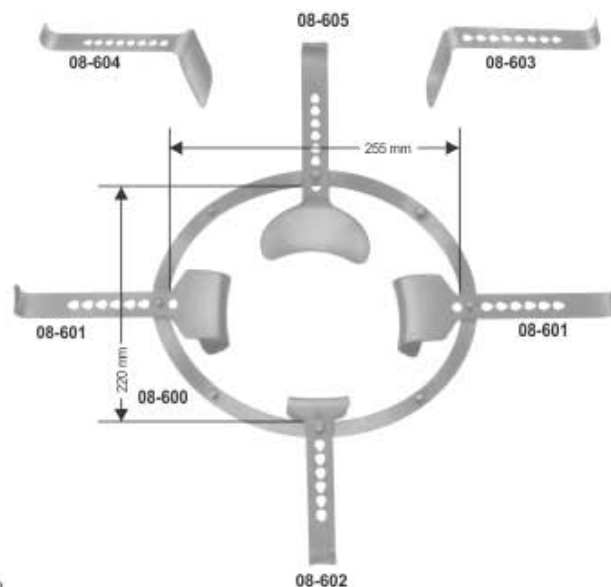
Abdominal Retractors

well suitable for gynaecologists

Semm Abdominal Retractors

consisting of:

- 08-600** 1 frame 225 x 220 mm
- 08-601** 2 blade 46 x 64 mm
- 08-602** 1 blade 53 x 54 mm
(for bladder)
- 08-603** 1 blade 82 x 97 mm
(for intestine)
- 08-604** 1 blade 98 x 51 mm
(for intestine)
- 08-605** 1 blade, narrow
107 x 36 mm



Kirschner Retractor
08-606
 with folding frame &
 2 blades of each **F8-584** &
F8-585

Kirschner Retractor

08-607
 with vaulted fixed frame &
 2 blades of each **08-608** &
08-609

08-610
 300 x 380 mm
 Frame only, over-sized

08-611
 320 x 300 mm
 Frame only

Additional valves for corpulent persons



Kirschner Retractor
08-612
 64 x 80 mm



Kirschner-Balfour
Retractor
08-613
 80 x 82 mm



Kirschner Retractor
08-614 90 x 69 mm
08-615 92 x 95 mm
08-616 78 x 58 mm



Kirschner Retractor
08-617 108 x 42 mm
08-618 91 x 55 mm
08-619 121 x 55 mm