

Caspar Cervical

Vertebral Column

Retractor Frame

- accommodates all blade types
- double articulation
- 90 mm maximum spread

N-9001



Scoville Retractor Frame

- accommodates all blade types
- double articulation
- 8 1/4" (21 cm)



Medial Blades

- stainless steel

N-9003	45 mm x 20 mm
N-9004	50 mm x 20 mm
N-9005	55 mm x 20 mm
N-9006	60 mm x 20 mm
N-9007	65 mm x 20 mm



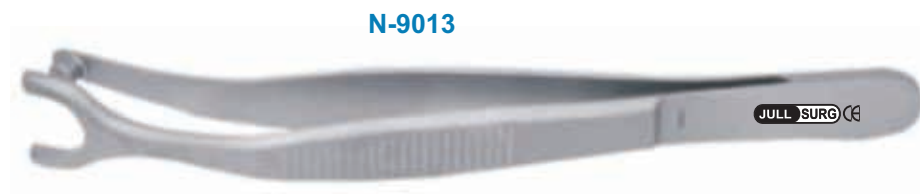
Lateral Blades

- stainless steel

N-9008	45 mm x 20 mm
N-9009	50 mm x 20 mm
N-9010	55 mm x 20 mm
N-9011	60 mm x 20 mm
N-9012	65 mm x 20 mm

Caspar Forceps

- for changing the blades



Blunt Blades

- stainless steel

N-9014	45 mm x 20 mm
N-9015	50 mm x 20 mm
N-9016	55 mm x 20 mm
N-9017	60 mm x 20 mm
N-9018	65 mm x 20 mm



V-Blunt Blades

- stainless steel

N-9019	45 mm x 20 mm
N-9020	50 mm x 20 mm
N-9021	55 mm x 20 mm
N-9022	60 mm x 20 mm
N-9023	65 mm x 20 mm

stainless steel
V-Blunt Blade

Caspar Hand Retractor

- for use with the titanium quick release blades only
- with depth gauge
- 8" (20 cm)



N-9024

Caspar Screw Driver for Distractor

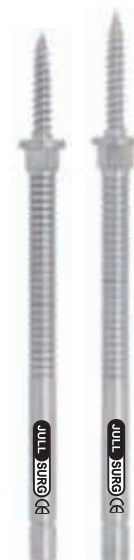
- 9 1/2" (24 cm)



N-9025

Caspar Screw Post for Distraction

- N-9026** 14 mm
- N-9027** 16 mm



Caspar Twist Drill

- N-9028** 1.7 mm Ø

Caspar Lumbar Speculum

- non-reflective, anodized surface
- 18 mm wide

N-9029



Counter Retractor for Caspar Speculum

- 60 mm maximum spread

N-9030 complete, with 5 blades



Caspar Distractor Punch Vertebral Retractor

- right

N-9032

Caspar Distractor Punch Vertebral Retractor

- left

N-9031



Cloward Cervical Retractor

- 114 mm maximum spread

N-9033 complete, with 5 toothed blades



Toothed Blades

- for Cloward Cervical Retractor

N-9034	40 mm x 15/23 mm
N-9035	45 mm x 15/23 mm
N-9036	50 mm x 15/23 mm
N-9037	55 mm x 15/23 mm
N-9038	60 mm x 15/23 mm

Gelpi Retractor

- standard

N-9039 6 1/2" (16.5 cm)



Caspar Cervical Vertebral Retractor

- accommodates all blade types
- double articulation
- 125 mm maximum spread
- 8" (20 cm)



Caspar Cervical, Vertebral Retractor

- accommodates all blade types
- single articulation
- 85 mm maximum spread
- 6 1/2" (16.5 cm)



Ribbon Retractor

- malleable
- 7 ? (18 cm)

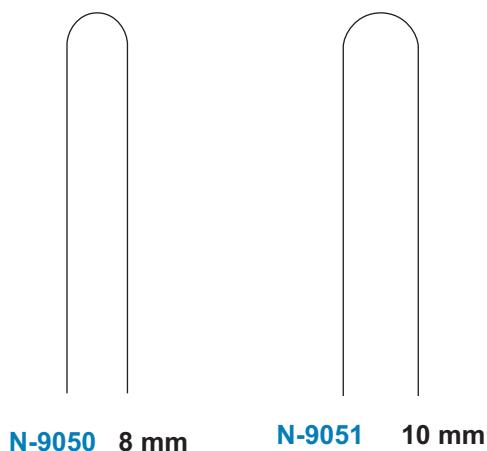
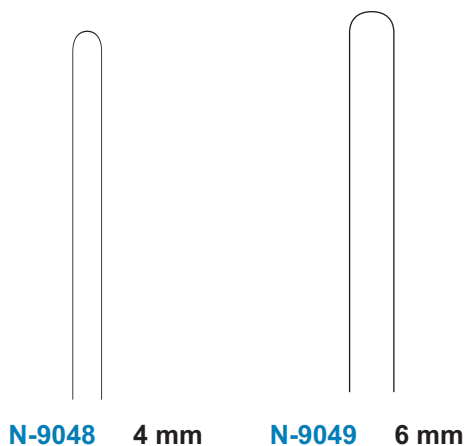
N-9042	1/4?
N-9043	3/8?
N-9044	1/2"
N-9045	5/8?
N-9046	3/4?
N-9047	1?



Caspar Nerve-Root Retractor

- for micro lumbar dissection

N-9048	4 mm
N-9049	6 mm
N-9050	8 mm
N-9051	10 mm



Love Nerve Retractor

- 9 1/4" (23.5 cm)

N-9052 90°

N-9053 45°

N-9054 Straight



Love Nerve Root Retractor

- 7 3/4" (19.5 cm)

N-9055 Straight

N-9056 45°

N-9057 90°



Scoville Nerve Root Retractor

- 5" from bend
- 10.5" (27 cm)
- 8 mm

N-9058	Straight
N-9059	45°
N-9060	90°
N-9061	Bayonet

3 & 5 mm available on request

Scoville Retractor

- 7" from bend
- 8 mm longer
- 9" (23 cm)

N-9062	45°
N-9063	90°
N-9064	full curved

Wide Scoville Nerve Root Retractor

- phenolic handle
- 9" (23cm)

N-9065	10 mm
N-9066	12 mm
N-9067	14 mm

12 & 14 available on request



Suction Nerve Retractor

N-9068	4/2 mm	10 3/4" (27 cm)
N-9069	7/3 mm	10 3/4" (27 cm)



N-9068

N-9069

Spinal Compressor

N-9070 10" (25.5 cm)



N-9070

Modified Lamina Spreader

N-9071 child size 6 1/2" (16.5 cm)
N-9072 adult size 9 1/2" (24 cm)

From the curvature of its arms to its tip, the Modified Lamina Spreader is an extremely thin, streamlined design. When in the closed position, the measurement from tooth tip to tooth tip does not exceed 1.5 mm in width.



N-9071

Inge Lamina Spreader

- 4 x4 tip
- spring handle with speedlock
- 11" (28 cm)

N-9073



Inge Retractor

- with custom tips

- child size
- 6 1/2" (16.5 cm)

N-9074 standard tip

- 9 1/2" (24 cm)

N-9075 standard tip



Beckman-Eaton Retractor

- hinged blades
- 7 x 7 prongs
- sharp
- 12 1/2" (32 cm)

N-9076



N-9076

Adson Retractor

- 4 x 4 prongs
 - sharp
 - 7 1/2" (19 cm)
- N-9080** angled arms



N-9080

Beckman-Adson Retractor

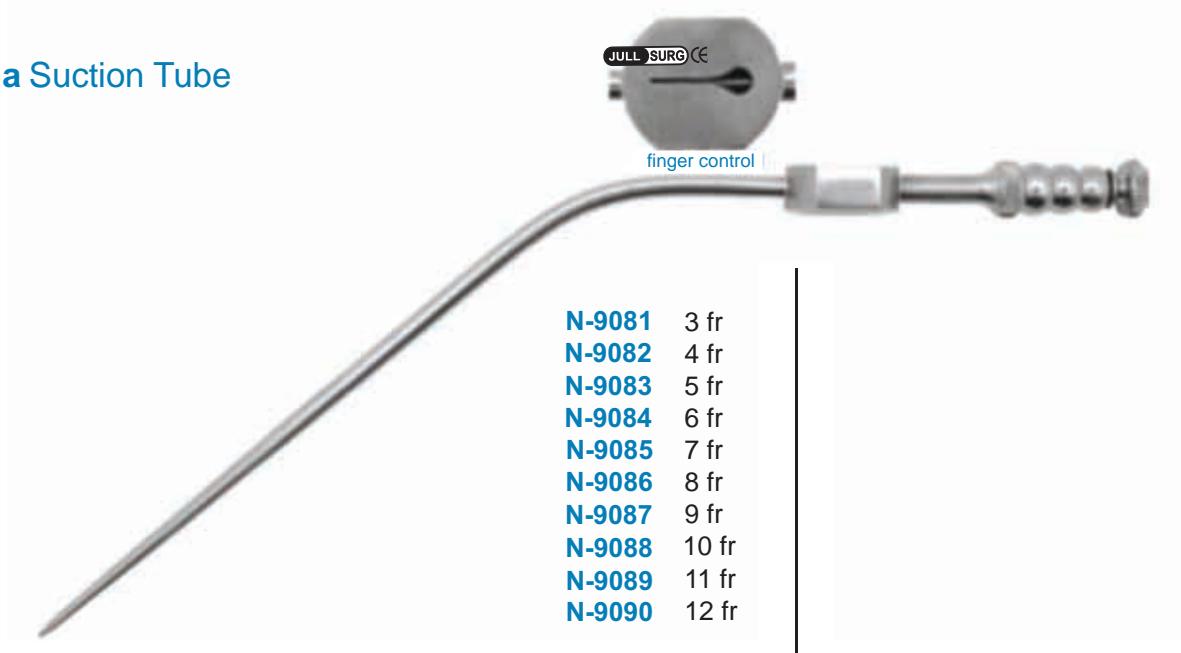
- 4 x 4 prongs
- 12 1/4" (31 cm)
- hinged

N-9077 blunt

N-9078 sharp

Fukushima Suction Tube

- tapered tip



Poole Suction Tube

- 8 3/4" (22 cm)

- N-9091** 30 french
N-9092 23 french



Andrews Pynchon Suction

- 9 1/2" (24 cm)

- N-9093** standard



Micro Suction

- for pediatric use

- N-9094** 3.0 mm
N-9095 4.7 mm
N-9096 7.0 mm



Frazier Suction Tube

- Finger cut-off hole to control suction
- 7' (18 cm)

N-9097	3 french	angled
N-9098	4 french	angled
N-9099	5 french	straight
N-9100	5 french	angled
N-9101	6 french	straight
N-9102	6 french	angled
N-9103	7 french	straight
N-9104	7 french	angled
N-9105	8 french	straight
N-9106	8 french	angled
N-9107	9 french	angled
N-9108	10 french	straight
N-9109	10 french	angled
N-9110	11 french	angled
N-9111	12 french	straight
N-9112	12 french	angled
N-9113	15 french	angled

Frazier Suction Tube

- Finger cut-off hole to control suction
- angled
- **Insulated** blue electro coated tube
- 7' (18 cm)

N-9114	3 french
N-9115	4 french
N-9116	5 french
N-9117	6 french
N-9118	7 french
N-9119	8 french
N-9120	9 french
N-9121	10 french
N-9122	11 french
N-9123	12 french



N-9102

N-9118

Rhoton Micro Neuro Suction

- Specially blunted atraumatic tips

 3 french
  5 french
  7 french
  10 french
  12 french

- 80 mm working length

N-9124 3 french
N-9125 5 french
N-9126 7 french
N-9127 10 french

- 130 mm working length

N-9132 5 french
N-9133 7 french
N-9134 10 french
N-9135 12 french

- 100 mm working length

N-9128 3 french
N-9129 5 french
N-9130 7 french
N-9131 10 french



Jameson Caliper

- scale to 3" (8 cm)
- OP-8227**



Ruler

- 6" (15 cm)
- OP-8224**



Neuro Caliper

- 8 3/4" (22 cm)
- N-9136**



Caliper



- scale to 20 mm
 - 3 1/2" (9 cm)
- 2116** straight
P-12039 curved



Rosen Dissector

- angled
- 6 3/4" (17 cm)

N-9137	1.0mm
N-9138	1.4mm
N-9139	1.6mm
N-9140	2.0mm
N-9141	2.6mm
N-9142	2.8mm
N-9143	3.0mm

1.0 mm	1.4 mm	1.6 mm	2.0 mm
			
			
2.6 mm	2.8 mm	3.0 mm	



Masing Elevator

Graduated

3017



Oschner Dissector

- double-ended
- smooth, blunt tips
- cvd
- 7" (18 cm)

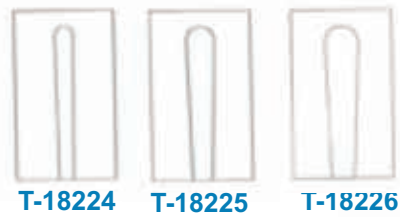
N-9144	1 mm x 2 mm
N-9145	3 mm x 4 mm



Titanium Yasargil Bayonet Dissector

- 7 3/4" (19.5 cm)

T-18224	1.15 mm	wide tip
T-18225	1.7 mm	wide tip
T-18226	2.1 mm	wide tip



Olivecrona Dissector

- double-ended
- ligature guide

7" (18 cm)

N-9146	1 mm x 2 mm
N-9147	3 mm x 4 mm

7 3/4" (19.5 cm)

N-9148	1 mm x 2 mm
N-9149	3 mm x 4 mm

N-9150 2 mm x 3 mm 9 1/2" (24 cm)

N-9151 3 mm x 4 mm 9 1/2" (24 cm)

T-18224

N-9146

N-9150

Titanium Dissector

- single-ended
- round knurled handle
- curved
- 7 3/4" (19.5 cm)
 - T-18227** 3 mm delicate
 - T-18228** 4 mm regular

Penfield Dissector

- double-ended
dissector / curette
- 7" (18 cm)
 - N-9152** #1 curved 6 mm
 - T-18229** titanium curved 6 mm
- double-ended
dissector / wax packer
- 7 3/4" (19.5 cm)
 - N-9153** #2 curved TTN
 - T-18230** #2 curved TTN
 - N-9154** #3 full curve TTN
 - T-18231** #3 full curve TTN
- single-ended
dissector
- 8 1/4" (21 cm)
 - N-9155** #4 curved 3 mm
 - T-18232** #4 curved 3 mm TTN
- double-ended
dissector
- 11 1/2" (29 cm)
 - N-9156** #5 curved 6 mm
 - T-18233** #5 curved 6mm TTN



T-18227

N-9152

T-18230

T-18231

N-9155

N-9156

Jansen Curette

- double-ended
- sharp, oval cups
- 6? (15 cm)

N-9157 str
N-9158 20° double-angled



N-9157

N-9158

Tholl Curette

- double ended
- 8 3/4? (22 cm)

N-9159



N-9159

Titanium Curette Knurl

- 3 mm
- 8 1/4? (21 cm)

T-18234 straight



T-18234

Titanium Bayonet Curette

- Bending Hypophysis Eucleator
- 8 3/4" (22 cm)

T-18235



Titanium Bayonet Curette

- 9 3/4" (24.8 cm)

T-18236	3 mm	90° up angle
T-18237	3 mm	90° down angle
T-18238	2.25 mm	45° up angle



View of tip

- 11" (28 cm)

T-18239	3 mm	90° up angle
T-18240	3 mm	45° down angle
T-18241	2.25 mm	45° up angle



T-18237

T-18236

Micro Axial Curette

- phenolic handle
 - 9.5" (24 cm)
- 4.5" handle
- 240 mm

Straight

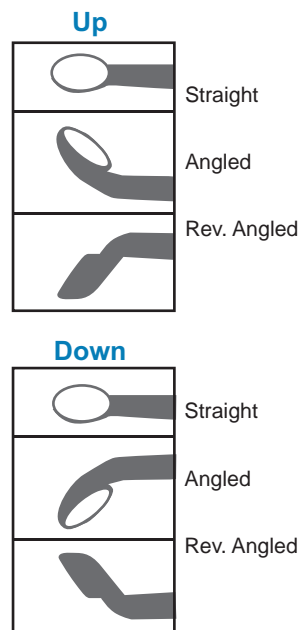
N-9160 size 0

Angled

N-9161 size 0

Rev. Angled

N-9162 size 0



Micro Curette

- phenolic handle
 - 9.5" (24 cm)
- 4.5" handle
- 240 mm

Straight

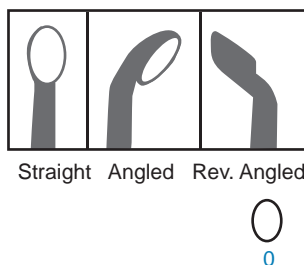
N-9163 size 0

Angled

N-9164 size 0

Rev. Angled

N-9165 size 0



N-9163

Long Handle Cone Ring Curette

- phenolic handle
- 9mm
- 14 1/2" (37 cm)
- 370 mm
- N-9166** straight
- N-9167** 40° lateral



N-9166

N-9167

Ring Curette

- 9" (23 cm)
- inside ring diameter
- N-9168** 5 mm
- N-9169** 8 mm
- N-9170** 10 mm



5 mm



10 mm



Cone Ring Curette

- Phenolic handle
- 15? (38 cm)
- 380 mm

Straight

- N-9171** size 1
- N-9172** size 2
- N-9173** size 3
- N-9174** size 4

Angled

- N-9175** size 1
- N-9176** size 2
- N-9177** size 3
- N-9178** size 4

Lateral Angled

- N-9179** size 1
- N-9180** size 2
- N-9181** size 3
- N-9182** size 4

