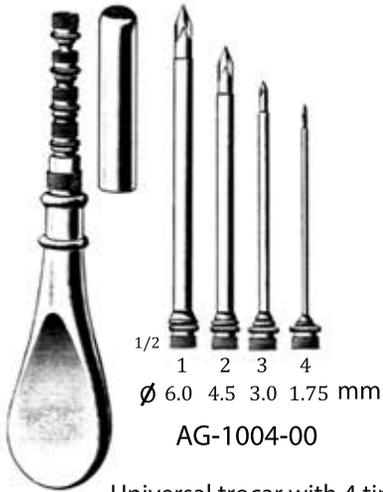
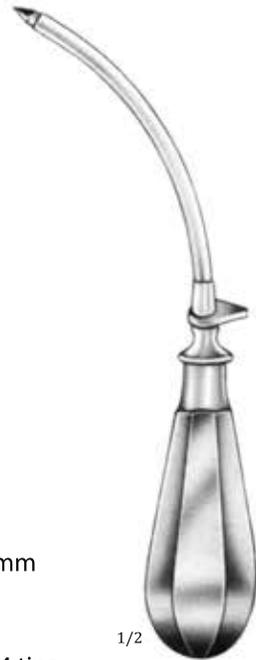


Trokare und Punktionsnadeln
Trocars and Puncture needles
Trocarts et d'aiguilles de ponction

AG



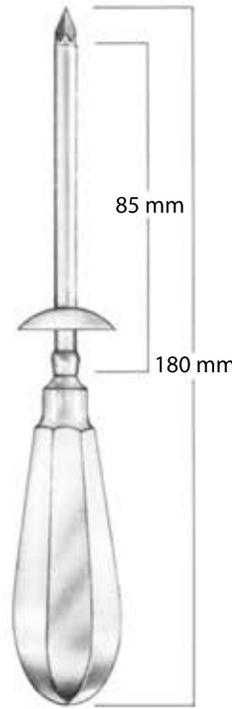
Universal trocar with 4 tips



Pierce

17 cm / 6 3/4"

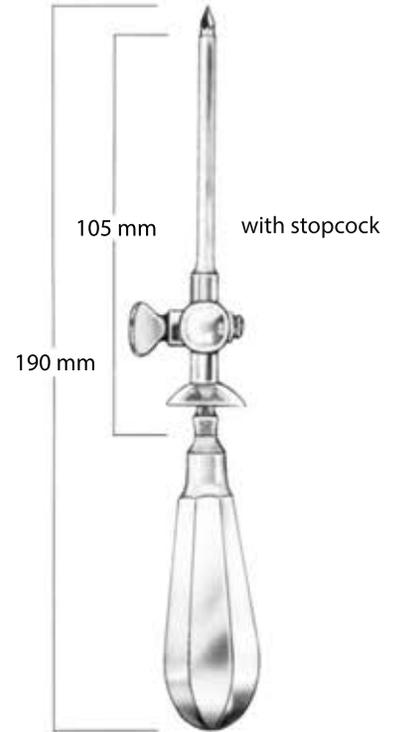
- AG-1203-30 \varnothing 3 mm
- AG-1203-40 \varnothing 4 mm
- AG-1203-50 \varnothing 5 mm



Standard

inside \varnothing

- AG-1100-30 2 mm
- AG-1100-40 3 mm
- AG-1100-50 4 mm
- AG-1100-60 5 mm



Standard

outside \varnothing

- AG-1200-30 3 mm
- AG-1200-40 4 mm
- AG-1200-50 5 mm
- AG-1200-60 6 mm



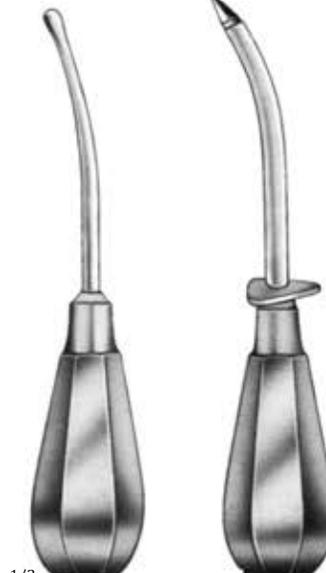
Douglas

\varnothing 3 mm
AG-1205-11



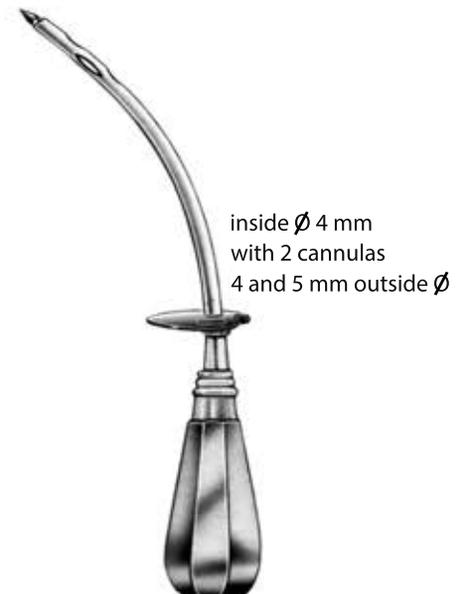
Lichtwitz

15 cm / 6"
 \varnothing 2 mm
AG-1204-20 N



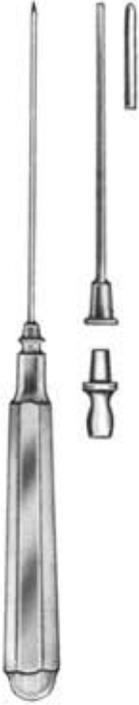
Krause

16 cm / 6 1/4"
 \varnothing 5,5 mm
AG-1206-55 N



Fleurant

23 cm / 9"
 \varnothing 5 mm
AG-1207-23



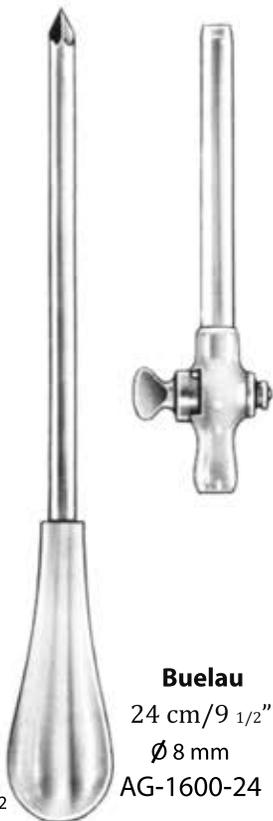
1/2
Lichtwitz
19 cm / 7 1/2"
Ø 1.8 mm
AG-1208-19



Coakley
14 cm / 5 1/2"
Ø 3 mm
AG-1400-02



Landau
19 cm / 7 1/2"
Ø 2 mm
AG-1502-19 N



1/2
Buelau
24 cm / 9 1/2"
Ø 8 mm
AG-1600-24



Nelson



Fig. 1

AG-1700-25



Fig. 2

AG-1700-30



Fig. 3

AG-1700-33



Fig. 4

AG-1700-35

outside Ø mm

7.5

9.0

10.5

12.0

inside width mm

6.0

7.5

9.0

10.0

for catheter charr

15

21

27

30

Trumpet Needle Guide



Lowa

14 cm / 5 1/2"

AG-2100-00 complete Set

AG-2100-01 Needle Only

Pneumoperitoneum Needle



mm

Quinke

1,2x76 AG-2300-12

1,2x89 AG-2302-12

1,0x76 AG-2300-10

1,0x89 AG-2302-10

0,7x76 AG-2300-07

0,7x89 AG-2302-07

0,7x50 AG-2304-07



Verres

Luer Lock

AG-2500-20 2,00 x 100 mm

Liver Bind Puncture Needles, with
Stopping Probe



Menghini

AG-3002-01 = 1,00 x 35 mm
 AG-3002-02 = 1,00 x 70 mm
 AG-3002-03 = 1,20 x 70 mm
 AG-3002-04 = 1,20 x 100 mm
 AG-3002-05 = 1,40 x 70 mm
 AG-3002-06 = 1,40 x 100 mm
 AG-3002-07 = 1,60 x 70 mm
 AG-3002-08 = 1,80 x 100 mm

Needles for controlled
liver puncture



Menghini

AG-3100-14 = 1,40 x 168 mm

AG-3100-18 = 1,80 x 168 mm

Trocars for introduction of
liver puncture needles



Menghini

AG-3102-14 = 1,40 mm Ø

AG-3102-18 = 1,80 mm Ø

Pleura puncture needles



Abrams

AG-2600-00



Ramel

∅ 3 mm
AG-2602-00

Bone Marrow needles



Westerman (Jensen)

50 x ∅ 2,4 mm (13 G) AG-2650-24 N
85 x ∅ 2,4 mm (13 G) AG-2685-24 N
100 x ∅ 3,0 mm (11 G) AG-2700-30 N
150 x ∅ 3,0 mm (11 G) AG-2701-30 N
100 x ∅ 4,0 mm (9 G) AG-2700-40 N
150 x ∅ 4,0 mm (9 G) AG-2701-40 N

Lumber Puncture



Bier

L x ∅ mm

80 x 1,0
80 x 1,2

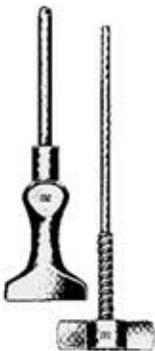
AG-2712- 10
AG-2712- 12

L x ∅ mm

80 x 1,2
80 x 1,5

AG-2720- 12
AG-2720- 15

Bone Puncture



L mm

30 AG-2702- 30
40 AG-2702- 40
50 AG-2702- 50

Heparin Flushing Needles

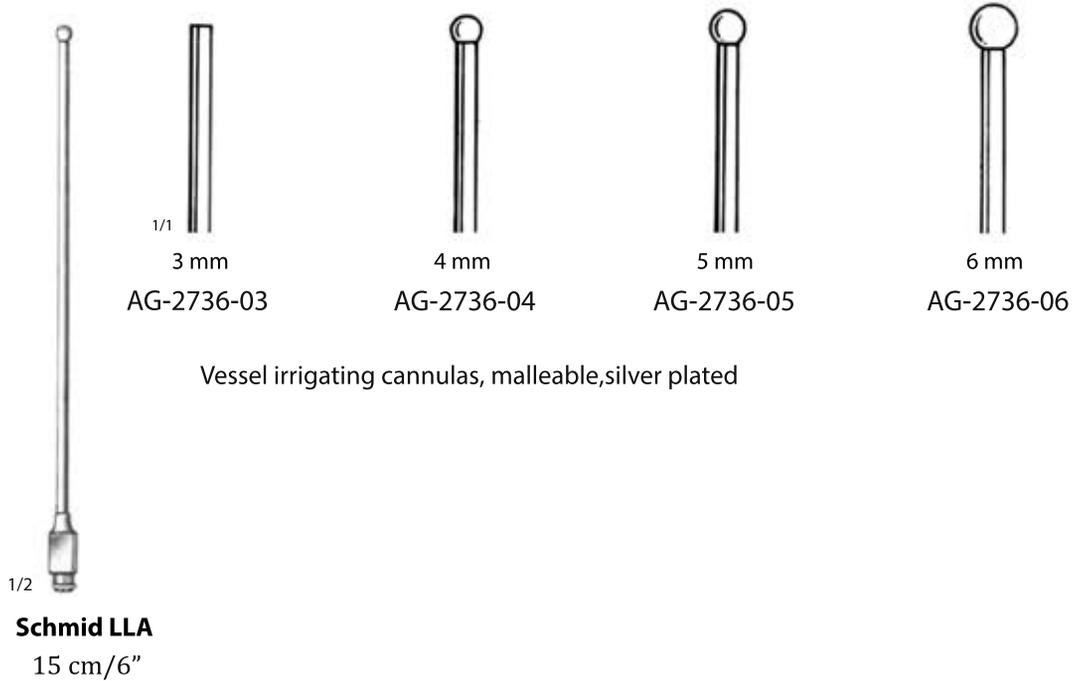


Heparin

4,5 cm / 3 mm
5,5 cm / 3,7 mm
AG-2730-04 N
AG-2730-05 N

Mock

6 cm
AG-2730-06



Gallbladder Trocar



Ochsner

Trocar for catheter

	Ø charr	charr
AG-1500-10	10	6
AG-1500-12	12	8
AG-1500-14	14	10
AG-1500-16	16	12
AG-1500-18	18	14
AG-1500-20	20	16
AG-1500-22	22	18
AG-1500-24	24	20