



**TROCARS,
SUCTION TUBES
PROBES**

Trócares	Trokare
Trequarti	Trocarts



UNIVERSAL Abdominal Trocar Set
ST12-101-00
 (Handle with 4 needles) 14 cm
 Fig. 1.7 mm Ø to 6 mm Ø
ST12-101-05
 Only Handle



UNIVERSAL Abdominal Trocar Set
ST12-102-00
 (Handle with 4 needles) 14 cm
 Fig. 1.7 mm Ø to 6 mm Ø
ST12-102-05
 Only Handle



LUER, Trocar
ST12-103-00
 Luer Lock Adapter



Uckermann, Trocar
ST12-104-13
 13 cm



Sinus, Trocar
 17 cm



ST12-105-01
 3.5 mm Ø



ST12-105-02
 5.0 mm Ø



ST12-105-03
 5.0 mm Ø



Licht Witz
Antrum Trocar
19 cm



Complete
ST12-106-01 1.8 mm Ø
ST12-106-02 2.0 mm Ø

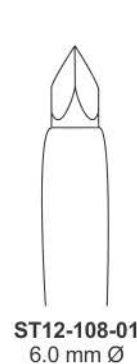


Ochsner
Trocar Thorax
10 cm

- ST12-107-01 3 1/3 mm Ø
- ST12-107-02 4 mm Ø
- ST12-107-03 4 2/3 mm Ø
- ST12-107-04 5 1/3 mm Ø
- ST12-107-05 6 mm Ø
- ST12-107-06 6 2/3 mm Ø
- ST12-107-07 7 1/3 mm Ø
- ST12-107-08 8 mm Ø
- ST12-107-09 8 2/3 mm Ø
- ST12-107-10 9 1/3 mm Ø



Nelson
Trocar Thorax
21 cm



ST12-108-01
6.0 mm Ø



ST12-108-02
8.3 mm Ø



ST12-108-03
9.5 mm Ø



ST12-108-04
11.6 mm Ø



Landau,
Trocar
ST12-116-16
2.0 mm Ø
16 cm



Pierce
Antrum Trocar
17 cm



ST12-109-01 3.0 mm Ø
ST12-109-02 4.0 mm Ø
ST12-109-03 5.0 mm Ø



Fleurant
Trocar
ST12-110-23
23 cm
5 mm Ø

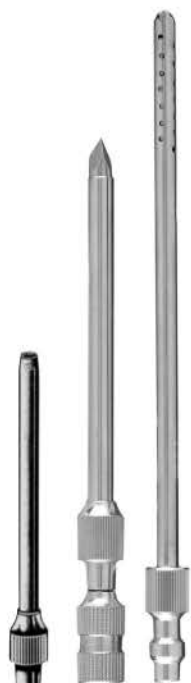


Krause, Trocar
ST12-111-15 15cm
5.5 mm Ø



Coakley, Trocar
ST12-112-16 16cm
2.25 mm Ø

Trócares | Trokare
Tre quarti | Trocars



Duke Trocar
ST12-127-11
11 cm
5.5 mm Ø



Douglas Trocar
ST12-128-12
12cm
3 mm



Trocar
ST12-129-11
11 cm



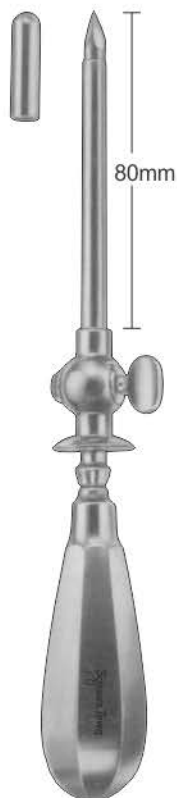
Birch Trocar
ST12-135-18
18 cm
4.5 mm



Buelau, Trocar
ST12-136-24 8 mm
24 cm



NELSON
Innen-Ø Außen-Ø
Inside diam. Outside diam.
ST12-137-30 2,2mm 3,0mm
ST12-137-40 3,0mm 4,0mm
ST12-137-50 4,0mm 5,0mm
ST12-137-60 5,0mm 6,0mm
ST12-137-65 5,5mm 6,5mm
for hydrocele and abdominal
puncture



ROBERTS
Inside diam. Outside diam.
ST12-138-50 4,0mm 5,0mm
ST12-138-60 5,0mm 6,0mm
ST12-138-65 5,5mm 6,5mm
for abdominal puncture,
with stop-cock



GRAETE
Inside diam. Outside diam.
ST12-139-30 2,2mm 3,0mm
ST12-139-40 3,0mm 4,0mm
ST12-139-50 4,0mm 5,0mm
ST12-139-60 5,0mm 6,0mm
for abdominal puncture, with stop
-cock and lateral drain



BILLROTH
Inside diam. Outside diam.
ST12-140-60 5,0mm 6,0mm
Ovarian trocar

Saugrohre	Tubos de aspiracion
Canules d'aspiration	Tubi per aspirazione

Pool Suction Tube

22 cm, Straight

ST12-151-06 Ø 6mm (18 French) Charr.

ST12-151-10 Ø10mm (30 French) Charr.



Pool Suction Tube

22 cm, Curved

ST12-152-06 Ø6mm (18 French) Charr.

ST12-152-08 Ø8mm (23 French) Charr.



Ø 1.5 mm

Yankauer
ST12-161-28
28cm

Yankauer
ST12-162-29
29cm

DeBakey
ST12-163-28
28cm

Andrews-Pyncheon
ST12-164-24 24 cm

Coupland
Suction Tube
ST12-170-00

Tubos de Succión, Cánula | Saugrohre, Kanüle
Tubi di aspirazione, cannula | Tubes d'aspiration, Canule



Cooley, Suction Tube
ST12-171-36 36 cm
8mm Ø



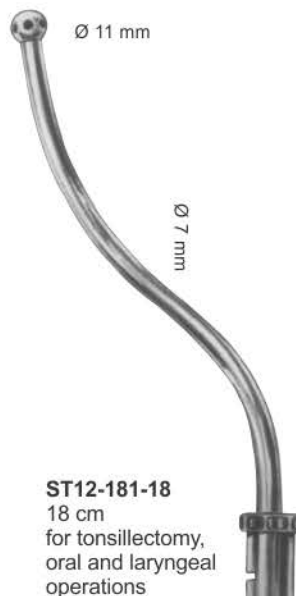
Cooley, Suction Tube
ST12-172-30 30 cm
8mm Ø



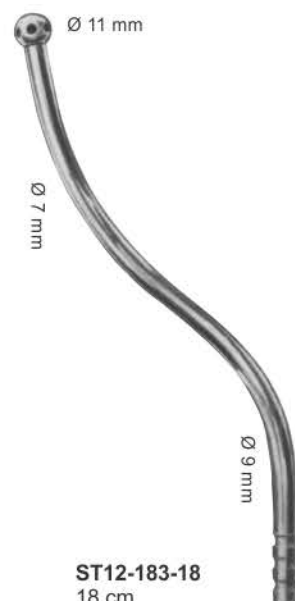
Cooley, Suction Tube
ST12-173-30 30 cm
8mm Ø



Cooley, Suction Tube
ST12-174-32 32 cm
8mm Ø Curved



ST12-181-18
18 cm
suction cannula
for tonsillectomy,
oral and laryngeal
operations



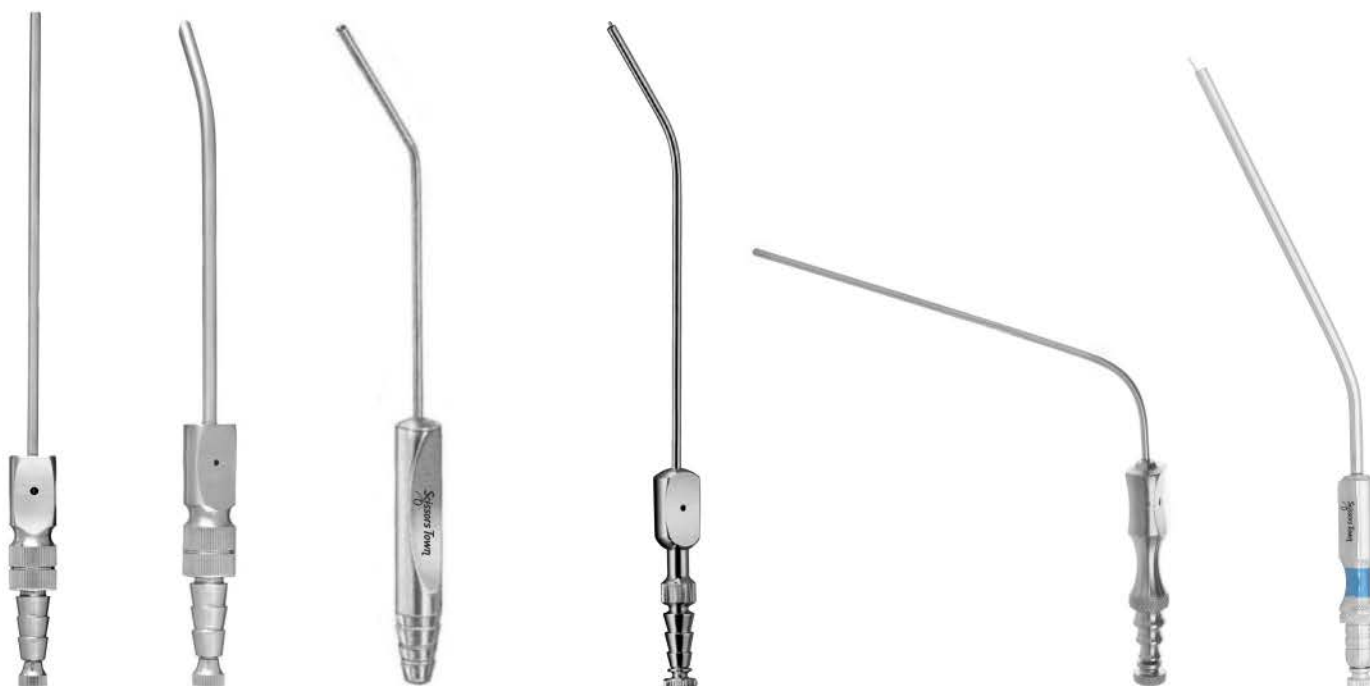
ST12-183-18
18 cm
suction cannula
for tonsillectomy,
oral and laryngeal
operations



ST12-182-22
22 cm
suction cannula
for tonsillectomy,
oral and laryngeal
operations



ST12-184-17
17 cm
S-shaped blunt cannula
for aspirating fluid from
the excretory ducts of
large glands and for
keeping the operations
area clear



Adson
suction tubes
ST12-189-15

4 mm Ø
15cm

Adson
suction tubes
21 cm

ST12-190-01
4 mm Ø 12 Charr./Fr.
ST12-190-02
5 mm Ø 15 Charr./Fr.

Wullstein Suction
Tube Complete
ST12-193-01

Plester Suction Tubes 19.5cm
Suction Tubes, with finger cut-off
and stylet. Luer attachment, angled

ST12-194-06 2.0 mm Ø 6 Charr./Fr.
ST12-194-07 2.3 mm Ø 7 Charr./Fr.
ST12-194-08 2.5 mm Ø 8 Charr./Fr.
ST12-194-09 3.0 mm Ø 9 Charr./Fr.
ST12-194-10 3.3 mm Ø 10 Charr./Fr.
ST12-194-11 3.5 mm Ø 11 Charr./Fr.
ST12-194-12 4.5 mm Ø 12 Charr./Fr.
ST12-194-15 5.0 mm Ø 15 Charr./Fr.

Fergusson Suction Tubes 18cm
Suction Tubes, with finger cut-off
and stylet. Luer attachment, angled

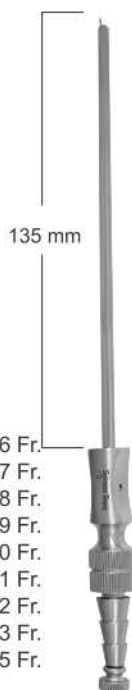
ST12-195-06 2.0 mm Ø 6 Charr./Fr.
ST12-195-07 2.3 mm Ø 7 Charr./Fr.
ST12-195-08 2.5 mm Ø 8 Charr./Fr.
ST12-195-09 3.0 mm Ø 9 Charr./Fr.
ST12-195-10 3.3 mm Ø 10 Charr./Fr.
ST12-195-11 3.5 mm Ø 11 Charr./Fr.
ST12-195-12 4.5 mm Ø 12 Charr./Fr.
ST12-195-15 5.0 mm Ø 15 Charr./Fr.

FRAZIER 30°
suction tubes

ST12-196-06 6 Fr.
ST12-196-07 7 Fr.
ST12-196-08 8 Fr.
ST12-196-09 9 Fr.
ST12-196-10 10 Fr.
ST12-196-11 11 Fr.
ST12-196-12 12 Fr.
ST12-196-13 13 Fr.
ST12-196-15 15 Fr.
18 cm

FRAZIER
suction tubes

ST12-201-06 6 Fr.
ST12-201-07 7 Fr.
ST12-201-08 8 Fr.
ST12-201-09 9 Fr.
ST12-201-10 10 Fr.
ST12-201-11 11 Fr.
ST12-201-12 12 Fr.
ST12-201-13 13 Fr.
ST12-201-15 15 Fr.
19 cm



FRAZIER 30°
suction tubes

ST12-202-06 6 Fr.
ST12-202-07 7 Fr.
ST12-202-08 8 Fr.
ST12-202-09 9 Fr.
ST12-202-10 10 Fr.
ST12-202-11 11 Fr.
ST12-202-12 12 Fr.
ST12-202-13 13 Fr.
ST12-202-15 15 Fr.
18 cm



FRAZIER 45°
suction tubes

ST12-203-06 6 Fr.
ST12-203-07 7 Fr.
ST12-203-08 8 Fr.
ST12-203-09 9 Fr.
ST12-203-10 10 Fr.
ST12-203-11 11 Fr.
ST12-203-12 12 Fr.
18 cm



Cannula

ST12-205-06 ○ 6fr
ST12-205-07 ○ 7fr
ST12-205-08 ○ 8fr
ST12-205-09 ○ 9fr
ST12-205-10 ○ 10fr
ST12-205-11 ○ 11fr
ST12-205-12 ○ 12fr
ST12-205-13 ○ 13fr
ST12-205-14 ○ 14fr



Tubos de aspiracion | Saugrohre
Tubi per aspirazione | Canules d'aspiration



Luer
ST12-221-01
Suction Tube
working
length 110 mm



Byrd, Suction Tube
ST12-223-15 1.5 mm
ST12-223-25 2.5mm
ST12-223-35 3.5 mm



Nasal Suction Tubes
ST12-225-45 Ø 4.5mm
ST12-225-55 Ø 5.5mm
17.5 cm



Gorney
Suction Tubes
ST12-227-18
18 cm
suction dissector



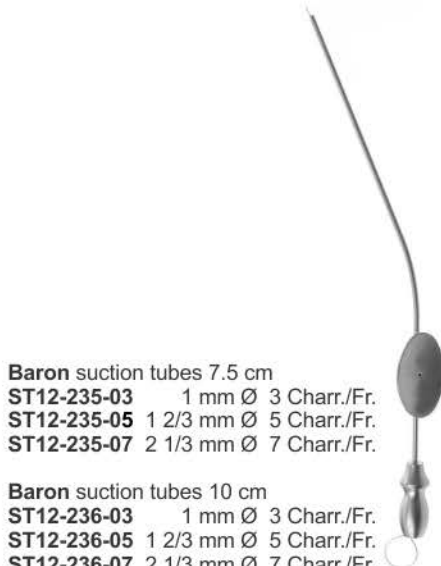
Landolt Dissecting
Suction Tubes
ST12-229-04 4 mm wide
ST12-229-05 5 mm wide
20 cm
suction raspatories, sharp,



Lopez-Reinke
Suction Tubes
ST12-231-23
23.5 cm
tonsil dissector with
suction device



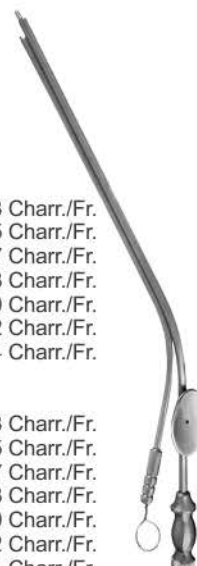
Plester Daumenplatt
ST12-233-06 6 Charr./Fr.
ST12-233-07 7 Charr./Fr.
ST12-233-08 8 Charr./Fr.
ST12-233-09 9 Charr./Fr.
ST12-233-10 10 Charr./Fr.
ST12-233-11 11 Charr./Fr.
ST12-233-12 12 Charr./Fr.
ST12-233-15 15 Charr./Fr.



Baron suction tubes 7.5 cm
ST12-235-03 1 mm Ø 3 Charr./Fr.
ST12-235-05 1 2/3 mm Ø 5 Charr./Fr.
ST12-235-07 2 1/3 mm Ø 7 Charr./Fr.
Baron suction tubes 10 cm
ST12-236-03 1 mm Ø 3 Charr./Fr.
ST12-236-05 1 2/3 mm Ø 5 Charr./Fr.
ST12-236-07 2 1/3 mm Ø 7 Charr./Fr.

House suction tubes 7.5 cm
ST12-238-03 1 mm Ø 3 Charr./Fr.
ST12-238-05 1 2/3 mm Ø 5 Charr./Fr.
ST12-238-07 2 1/3 mm Ø 7 Charr./Fr.
ST12-238-08 2 2/3 mm Ø 8 Charr./Fr.
ST12-238-10 3 1/3 mm Ø 10 Charr./Fr.
ST12-238-12 4 mm Ø 12 Charr./Fr.
ST12-238-14 4 2/3 mm Ø 14 Charr./Fr.

House suction tubes 10 cm
ST12-239-03 1 mm Ø 3 Charr./Fr.
ST12-239-05 1 2/3 mm Ø 5 Charr./Fr.
ST12-239-07 2 1/3 mm Ø 7 Charr./Fr.
ST12-239-08 2 2/3 mm Ø 8 Charr./Fr.
ST12-239-10 3 1/3 mm Ø 10 Charr./Fr.
ST12-239-12 4 mm Ø 12 Charr./Fr.
ST12-239-14 4 2/3 mm Ø 14 Charr./Fr.



Saugrohre, Küretten, Trokare

Tubos de Succión, Curetas, Trocares

Tubes d'aspiration, curettes, trocars

Tubi di aspirazione, curette, trocar



**SUCTION TUBES
ST12-251-17**

17 cm
For aspirating
fluid from the excretory
ducts of large glands
and for keeping the
operating area clear



**SUCTION TUBES
ST12-253-15**

15 cm
For aspirating
fluid from the excretory
ducts of large glands
and for keeping the
operating area clear



**SUCTION TUBES
ST12-255-19**

19 cm
For aspirating
fluid from the excretory
ducts of large glands
and for keeping the
operating area clear



BIEMER

ST12-257-04 Ø 4 mm
ST12-257-06 Ø 6 mm
ST12-257-08 Ø 8 mm
ST12-257-10 Ø 10 mm
ST12-257-12 Ø 12 mm
ST12-257-14 Ø 14 mm
Curettes for aspiration
lipectomy, graduated,
slightly curved



140 mm

BIEMER

ST12-259-04 Ø 4 mm
ST12-259-06 Ø 6 mm
Curettes for aspiration
lipectomy, with three
apertures, slightly curved
malleable



200 mm

BIEMER

ST12-261-08 Ø 8 mm
ST12-261-10 Ø 10 mm
ST12-261-12 Ø 12 mm
Curettes for aspiration
lipectomy, with three
apertures, slightly curved
malleable



**ST12-263-23
Suction Tube 23 cm**
double curved for
general surgery



**ST12-265-19
Suction Tube 19 cm**
double curved for
general surgery



Ø 11 mm

**ST12-267-22
Suction Tube 22 cm**
double curved for
general surgery



**Trocar
ST12-269-17
17 cm**
For puncturing



**Hollow Needle
ST12-271-15 15 cm**
sharp

Tubos de aspiración | Saugrohre
Tubi per aspirazione | Canules d'aspiration

Ø 1.75 mm

WULLSTEIN
ST12-285-16

16 cm
Suction tube, conical, silver, oliver
with LUER hub

WULLSTEIN

ST12-286-01 Ø 1.5 mm

ST12-286-02 Ø 2.0 mm

16 cm
Suction tube, cylindrical, silver, with
stylet with LUER hub

Usable length

YASARGIL suction tube
usable length diam.

ST12-288-01 13 cm 1.5 mm

ST12-288-02 15 cm 1.5 mm

ST12-288-03 18 cm 1.5 mm

ST12-288-04 22 cm 1.5 mm

ST12-288-05 13 cm 2.0 mm

ST12-288-06 15 cm 2.0 mm

ST12-288-07 18 cm 2.0 mm

ST12-288-08 22 cm 2.0 mm

YASARGIL suction tube
usable length diam.

ST12-289-01 13 cm 2.5 mm

ST12-289-02 15 cm 2.5 mm

ST12-289-03 18 cm 2.5 mm

ST12-289-04 22 cm 2.5 mm

ST12-289-05 13 cm 3.5 mm

ST12-289-06 15 cm 3.5 mm

ST12-289-07 18 cm 3.5 mm

ST12-289-08 22 cm 3.5 mm

ST12-289-09 18 cm 4.5 mm

Ø 6.5-9 mm
with LUER hub

Landolt
Suction Tube

15 cm diam Ø 3mm

ST12-290-08 08 mm / curved

ST12-290-11 11 mm / curved

ST12-290-15 15 mm / curved

Ø 3.5 mm

Ø 2.0 mm

Suction Tube

ST12-292-35 35cm

ST12-292-50 50cm

with rubber tip,
with LUER hub

Ø 9 mm

Suction Tube

ST12-294-01 Ø 2.0 mm

ST12-294-02 Ø 2.5 mm

ST12-294-03 Ø 3.0 mm

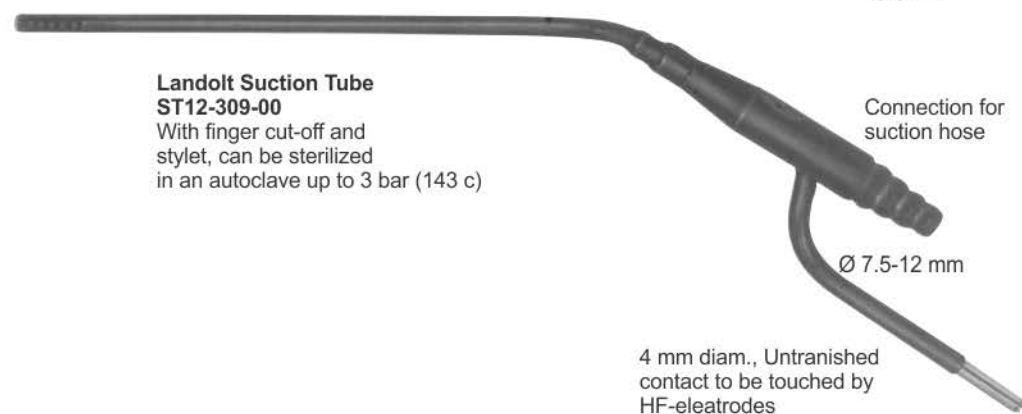
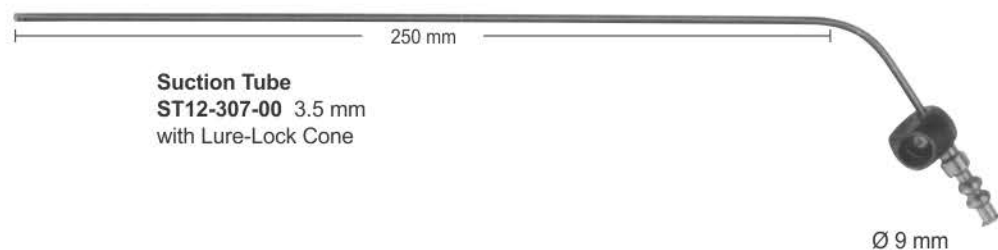
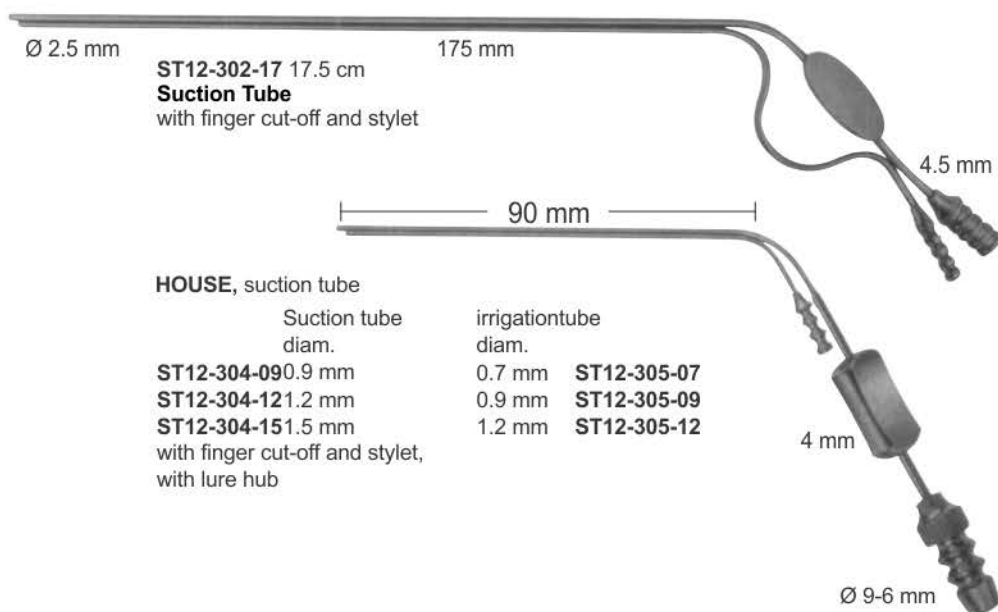
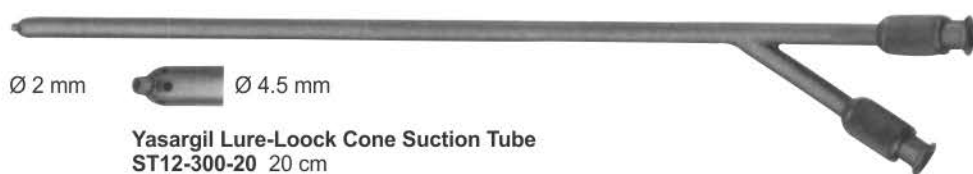
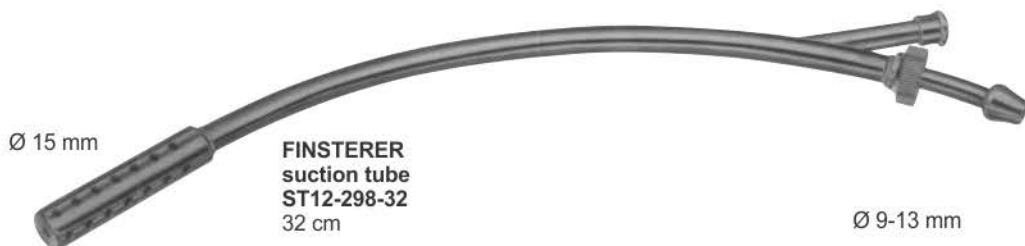
25 cm

with finger cut-off
thumb piece 90 to
curved, with luer hub

Ø 6-9 mm

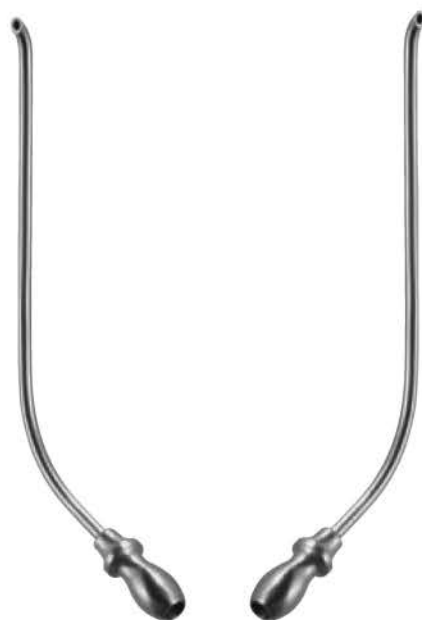
BUIE Suction Tube
ST12-296-45

45 cm with finger
valve, 15 Fr. (5 mm)



Sondas auriculares
Sonde auricolari

Ohrkatheter
Sondes auriculaires



Hartmann,
Eustachian Catheters
Fig. 1

ST12-321-20 2.0 mm Ø
ST12-321-25 2.5 mm Ø
ST12-321-30 3.0 mm Ø

Hartmann
Eustachian Catheters
Fig. 2

ST12-322-20 2.0 mm Ø
ST12-322-25 2.5 mm Ø
ST12-322-30 3.0 mm Ø



Killian, Eustachian Catheters

ST12-324-25 16 cm 2.5 mm Ø
ST12-324-30 16 cm 3.0 mm Ø
oval opening

Killian

ST12-326-15
Ø 1.5mm



Hartmann
eustachian catheters
15 cm

Fig. 0
ST12-328-00

Fig. 1
ST12-328-01

Fig. 2
ST12-328-02

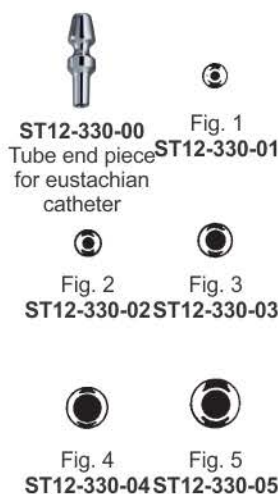
Fig. 3
ST12-328-03

Fig. 4
ST12-328-04

Fig. 5
ST12-328-05



Trötsch
eustachian catheters
15 cm



ST12-330-00
Tube end piece
for eustachian
catheter

Fig. 1
ST12-330-01

Fig. 2
ST12-330-02

Fig. 3
ST12-330-03

Fig. 4
ST12-330-04

Fig. 5
ST12-330-05



Catheter
16 cm
female catheters

Charr.
(French)
ST12-332-06 Ø 6
ST12-332-07 Ø 7
ST12-332-08 Ø 8
ST12-332-09 Ø 9
ST12-332-10 Ø 10
ST12-332-11 Ø 11
ST12-332-12 Ø 12
ST12-332-13 Ø 13
ST12-332-14 Ø 14
ST12-332-15 Ø 15
ST12-332-16 Ø 16
ST12-332-18 Ø 18
ST12-332-20 Ø 20
Female catheters,
metal
16cm



Catheters
Male Metal
29 cm

Charr
(French)
ST12-334-08 Ø 8
ST12-334-10 Ø 10
ST12-334-12 Ø 12
ST12-334-14 Ø 14
ST12-334-16 Ø 16
ST12-334-18 Ø 18
ST12-334-20 Ø 20



Bell Erishipake
ST12-336-65
6.5cm



**Eicken
Suction &
Irrigation Cannula**
ST12-338-25 2.5 mm Ø
ST12-338-30 3.0 mm Ø
Slightly curved



**Eicken
Suction &
Irrigation Cannula**
ST12-340-25 2.5 mm Ø
ST12-340-30 3.0 mm Ø
Strongly curved



**Tonsil Needle
Suction &
Irrigation Cannula**
ST12-343-08 0.8 mm Ø
Straight



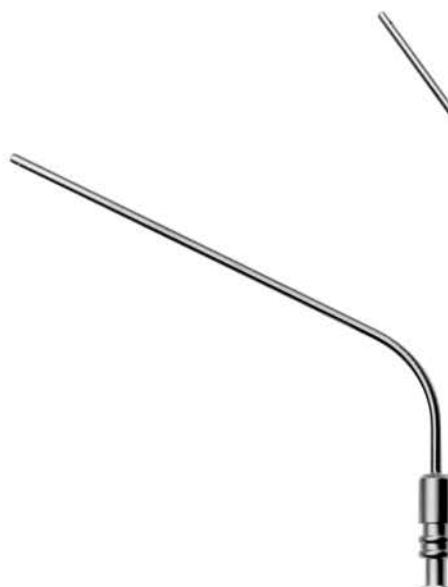
**Tonsil Needle
Suction &
Irrigation Cannula**
ST12-344-08 0.8 mm Ø
Curved



**Septum Needle
Suction &
Irrigation Cannula**
ST12-345-08 0.8 mm Ø
bayonet



**Septum Needle
Suction &
Irrigation Cannula**
ST12-346-08 0.8 mm Ø
angled on flat



**Luer-Lock Suction &
Irrigation Cannula**
ST12-351-30 3.0 mm Ø



**Luer-Lock Suction &
Irrigation Cannula**
ST12-352-25 2.5 mm Ø



**Fisch Suction &
Irrigation Cannula**
ST12-354-40 4.0 mm Ø



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



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Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Ø 5mm



Tubos para aspiración, Agujas de guía

Saugrohre, Redon Führungsnadeln

Cannule d'aspirazione, Aghi guida

Tubes d'aspiration, Aiguilles d'introduction



Zöllner, suction tube
ST12-372-07 Ø 0.7 mm
complete with 1 slip-on
cannula, Ø 0.7 mm



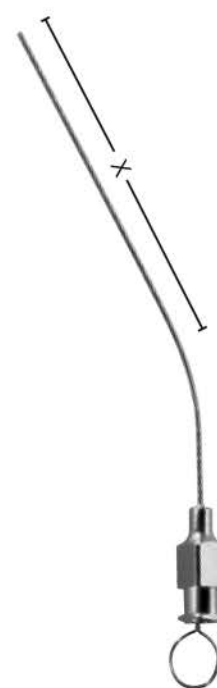
Iowa, suction tube
ST12-374-07 Ø 0.7 mm
16 cm



Magill, suction tube
24.5 cm
ST12-376-30 Ø 3.0 mm
ST12-376-35 Ø 3.5 mm
ST12-376-40 Ø 4.0 mm



Rosen, suction tube
X=80 mm
ST12-378-07 Ø 0.7 mm
ST12-378-09 Ø 0.9 mm
ST12-378-12 Ø 1.2 mm



Rosen, suction tube
X=65 mm
ST12-380-07 Ø 0.7 mm
ST12-380-09 Ø 0.9 mm
ST12-380-12 Ø 1.2 mm



Suction Tube Guide Needle
19.5 cm
ST12-401-08 Ø 2.2/3 mm 8 Fr.
ST12-401-10 Ø 3.1/3 mm 10 Fr.
ST12-401-12 Ø 4 mm 12 Fr.
ST12-401-14 Ø 4 2/3 mm 14 Fr.
ST12-401-16 Ø 5 1/3 mm 16 Fr.
ST12-401-18 Ø 6 mm 18 Fr.



Suction Tube Guide Needle
19.5 cm
ST12-402-06 Ø 2 mm 6 Fr.
ST12-402-08 Ø 2.2/3 mm 8 Fr.
ST12-402-10 Ø 3 1/3 mm 10 Fr.
ST12-402-12 Ø 4 mm 12 Fr.
ST12-402-14 Ø 4 2/3 mm 14 Fr.
ST12-402-16 Ø 5 1/3 mm 16 Fr.
ST12-402-18 Ø 6 1/3 mm 18 Fr.



Suction Tube Guide Needle
Lancet Tip 19.5 cm
ST12-403-08 Ø 2.2/3 mm 8 Fr.
ST12-403-10 Ø 3.1/3 mm 10 Fr.
ST12-403-12 Ø 4 mm 12 Fr.
ST12-403-14 Ø 4 2/3 mm 14 Fr.
ST12-403-16 Ø 5 1/3 mm 16 Fr.
ST12-403-18 Ø 6 mm 18 Fr.

Biopsiekanülen, Verbindungsstücke und Hähne
Canules pour biopsie, Raccords et robinets

Agujas para biopsia, Piezas de conexion y llaves
Aghi per biopsie, Raccordi e rubinetti



Quinke, Biopsy Needle

ST12-413-01 1.20 x 76.0 mm Ø
ST12-413-02 1.20 x 89.0 mm Ø
ST12-413-03 1.00 x 76.0 mm Ø
ST12-413-04 1.00 x 89.0 mm Ø
ST12-413-05 0.70 x 76.0 mm Ø
ST12-413-06 0.70 x 50.0 mm Ø
ST12-413-07 0.70 x 89.0 mm Ø



Tuohy, Biopsy Needle

ST12-414-01 1.20 x 76.0 mm Ø
ST12-414-02 1.40 x 76.0 mm Ø
ST12-414-03 1.60 x 76.0 mm Ø



Bier, Biopsy Needle

ST12-415-01 1.20 x 80.0 mm Ø



**Klima - Rosegger
Biopsy Needle**

ST12-416-01 1.80 x 35.0 mm Ø



**Frazier
ST12-418-01
12cm / 3mm**



Verres, Biopsy Needle

ST12-420-01 2.00 x 100 mm Ø
ST12-420-02 2.00 x 120 mm Ø
ST12-420-03 2.00 x 150 mm Ø



Menghini, Biopsy Needle

ST12-422-01 1.00 x 35.0 mm Ø
ST12-422-02 1.00 x 70.0 mm Ø
ST12-422-03 1.20 x 35.0 mm Ø
ST12-422-04 1.20 x 70.0 mm Ø
ST12-422-05 1.20 x 100.0 mm Ø
ST12-422-06 1.20 x 35.0 mm Ø
ST12-422-07 1.40 x 70.0 mm Ø
ST12-422-08 1.40 x 100.0 mm Ø
ST12-422-09 1.20 x 35.0 mm Ø
ST12-422-10 1.60 x 70.0 mm Ø
ST12-422-11 1.80 x 100.0 mm Ø



Menghini, Biopsy Needle

ST12-422-12 1.40 x 168.0 mm Ø
ST12-422-13 1.80 x 168.0 mm Ø

Agujas para biopsia

Biopsikanülen

Aghi per biopsie

Canules pour biopsie



Biopsy Needle

ST12-428-01 2.00 x 105 mm Ø

ST12-428-02 2.00 x 130 mm Ø

for kidney biopsy, incl.

Guide needle

Outer diameter



Biopsy Needle

ST12-430-01 1.50 x 155 mm Ø

ST12-430-02 1.50 x 180 mm Ø

for kidney biopsy, incl.

Guide needle

Inner diameter



Franklin-Silverman

Biopsy Needle

ST12-436-01 2.00 x 105 mm Ø

ST12-436-02 2.50 x 145 mm Ø

for liver and kidney biopsy

without barb



Franklin-Silverman

Biopsy Needle

ST12-438-01 1.50 x 155 mm Ø

ST12-438-02 1.50 x 180 mm Ø

for liver and kidney biopsy

barber

Franklin-Silverman

Biopsy Needle

ST12-437-01 2.00 x 105 mm Ø

ST12-437-02 2.50 x 145 mm Ø

Biopsy needle, only

Franklin-Silverman

Biopsy Needle

ST12-439-01 1.50 x 155 mm Ø

ST12-439-02 1.50 x 180 mm Ø

Biopsy needle, only

ISLAM BONE MARROW BIOPSY NEEDLE SET

ST12-451-00 ISLAM ASPIRATION NEEDLE SET

without Side Holes, 2.55mm outer Diameter, 70mm Shaft Length

ST12-452-00 ISLAM ASPIRATION NEEDLE SET

without Side Holes, 2.55mm outer Diameter, 100mm Shaft Length

ST12-453-00 ISLAM STANDAEED BONE MARROW BIOPSY NEEDLE SET

2.1mm Biopsy Diameter, 3.25mm Outer Diameter, 70mm Shaft Length

ST12-454-00 ISLAM STANDAEED BONE MARROW BIOPSY NEEDLE SET

2.1mm Biopsy Diameter, 3.25mm Outer Diameter, 100mm Shaft Length

ST12-455-00 ISLAM STANDAEED BONE MARROW BIOPSY NEEDLE SET

2.1mm Biopsy Diameter, 3.25mm Outer Diameter, 125mm Shaft Length

ST12-461-00 ISLAM PEDIATRIC ASPIRATION NEEDLE SET

Without Side Holes, 2.00mm outer Diameter, 50mm Shaft Length

ST12-462-00 ISLAM PEDIATRIC ASPIRATION NEEDLE SET

Without Side Holes, 2.00mm outer Diameter, 70mm Shaft Length

ST12-463-00 ISLAM PEDIATRIC BONE MARROW BIOPSY NEEDLE SET

1.37mm Biopsy Diameter, 2.38 outer Diameter, 50mm Shaft Length

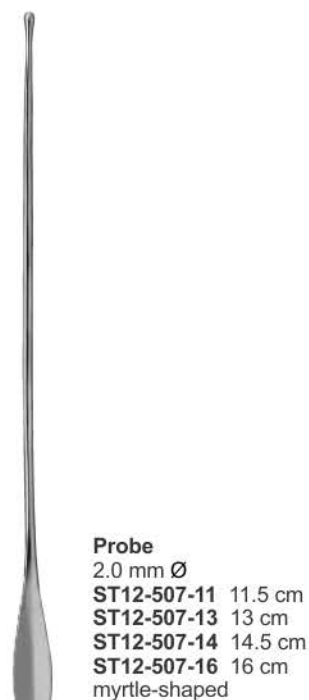
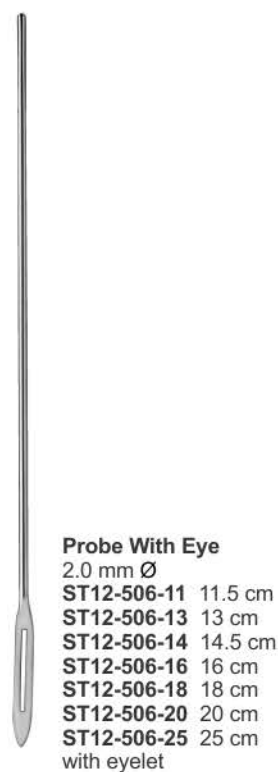
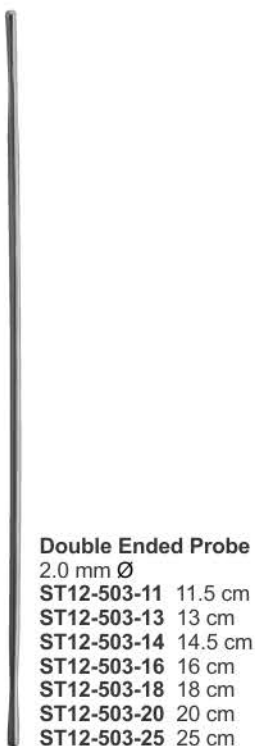
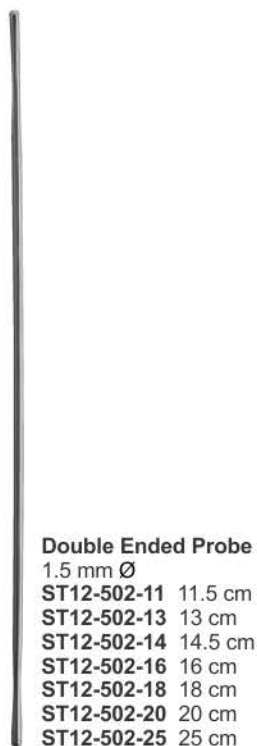
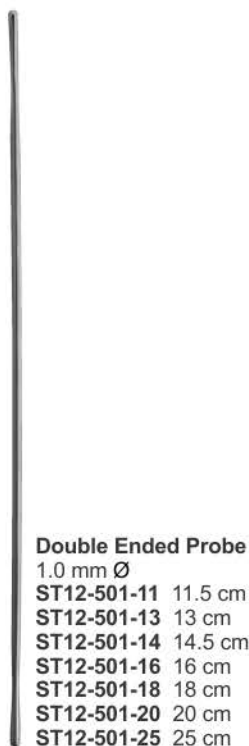
ST12-464-00 ISLAM PEDIATRIC BONE MARROW BIOPSY NEEDLE SET

1.37mm Biopsy Diameter, 2.38 outer Diameter, 70mm Shaft Length

ST12-465-00 ISLAM PEDIATRIC BONE MARROW BIOPSY NEEDLE SET

1.37mm Biopsy Diameter, 2.38 outer Diameter, 90mm Shaft Length





Sondas y directores | Sonden und Direktoren
Sonde E Direttori | Sondes et directeurs



Stacke
ST12-531-10
10 cm



Rocket Hook
ST12-532-00



Killian
ST12-533-16
16.5 cm



Probe
ST12-537-16
16.5 cm



Seiffert
ST12-539-11 11 cm
ST12-539-13 13 cm
ST12-539-14 14 cm
ST12-539-16 16 cm
ST12-539-18 18 cm



Jobson Home
Probe
ST12-541-12 12.5cm
ST12-541-14 14.5cm
ST12-541-18 18cm



BARR Fistula Probe
ST12-543-20
with 20.3 cm sterling shaft,
eye at tip, 29.2 cm overall



BARR Crypt Hook
ST12-545-25
25.4 cm short and
long hook ends



Butterfly Grooved
Director With Tongue Tie
Plain End
ST12-561-11 11.5 cm
ST12-561-13 13 cm
ST12-561-14 14.5 cm
ST12-561-16 16 cm
ST12-561-18 18 cm
ST12-561-20 20 cm



Butterfly Grooved
Director With Tongue Tie
Plain End
ST12-563-11 11.5 cm
ST12-563-13 13 cm
ST12-563-14 14.5 cm
ST12-563-16 16 cm
ST12-563-18 18 cm
ST12-563-20 20 cm



Directors
ST12-565-13 13cm
ST12-565-14 14.5cm
ST12-565-16 16cm
Larry Probe
and Grooved
Director,
17.8 cm



Doyen
ST12-567-14
14.5cm



Nelaton
ST12-569-16
16cm



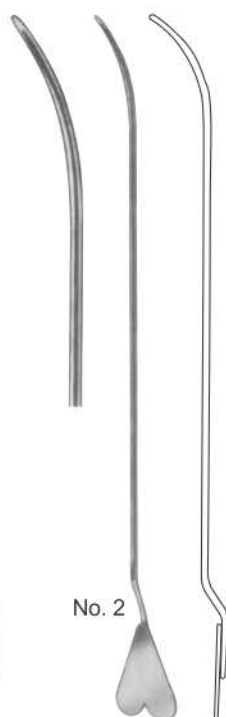
**Director Probe
End**
ST12-571-14 14cm
Director with tip
Diam. of tip
3.3 mm



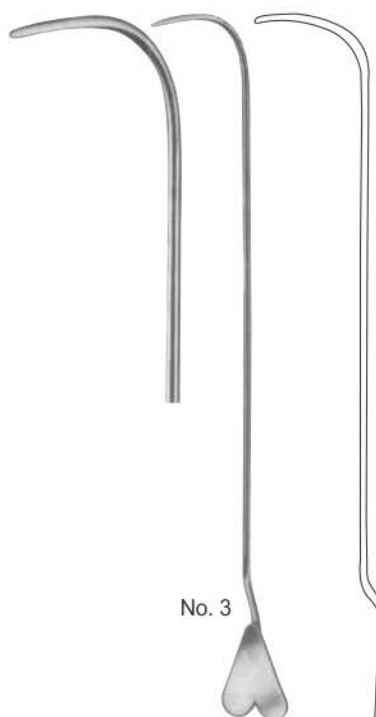
Brodie
ST12-573-20 20cm
Director with
tip Diam. of
tip 3.5 mm



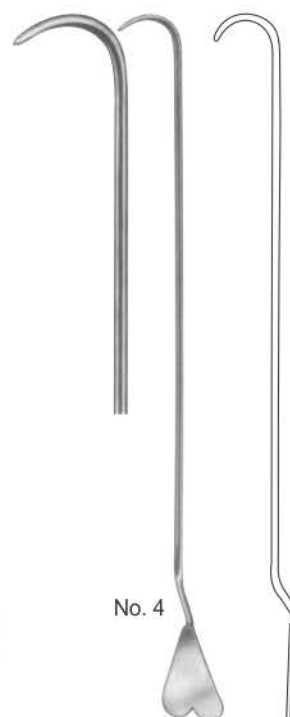
No. 1



No. 2



No. 3



No. 4

Lockhart-Mummery
ST12-575-01 No. 1 Straight
ST12-575-02 No. 2 45° Curved
ST12-575-03 No. 3 90° Curved
ST12-575-04 No. 4 retrograde curved
Fistula probes



**Director with wire
loop, malleable**
ST12-577-19 19 cm