

MAKOL SURGICAL 3



..... **ASPIRATION & PROBE**



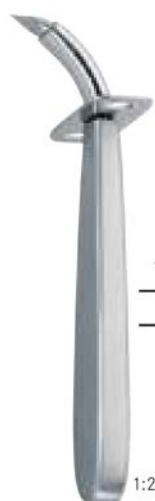
Trocars



UNIVERSAL

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	6.0 mm Ø	4.5 mm Ø	3.0 mm Ø	1.75 mm Ø
DP-786-03-01		x	x	x
DP-786-03-02	x	x	x	x

Set



UCKERMANN

130 mm - 5"	DP-786-03-03
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SINUS

	3.5 mm Ø	5.0 mm Ø	5.0 mm Ø
170 mm - 6 3/4"	DP-786-03-04	DP-786-03-05	DP-786-03-06



Trocars



LICHTWITZ

	1.8 mm Ø	2.0 mm Ø
190 mm - 7½"	DP-786-03-07	DP-786-03-08



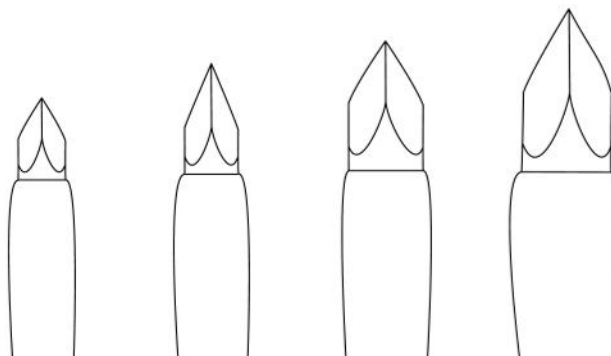
OCHSNER

		100 mm - 4"
3½ mm Ø	10 Char./Fr.	DP-786-03-09
4 mm Ø	12 Char./Fr.	DP-786-03-10
4⅔ mm Ø	14 Char./Fr.	DP-786-03-11
5⅓ mm Ø	16 Char./Fr.	DP-786-03-12
6 mm Ø	18 Char./Fr.	DP-786-03-13
6⅔ mm Ø	20 Char./Fr.	DP-786-03-14
7⅓ mm Ø	22 Char./Fr.	DP-786-03-15
8 mm Ø	24 Char./Fr.	DP-786-03-16
8⅔ mm Ø	26 Char./Fr.	DP-786-03-17
9⅓ mm Ø	28 Char./Fr.	DP-786-03-18



NELSON

	6.0 mm Ø	8.3 mm Ø	9.5 mm Ø	11.6 mm Ø
210 mm - 8¼"	DP-786-03-19	DP-786-03-20	DP-786-03-21	DP-786-03-22



Trocars


LANDAU

	2 mm Ø
160 mm – 6¼"	DP-786-03-23


PIERCE

	170 mm – 6¾"
3 mm Ø	DP-786-03-24
4 mm Ø	DP-786-03-25
5 mm Ø	DP-786-03-26


KRAUSE

	5.5 mm Ø
150 mm – 6"	DP-786-03-27


COAKLEY

	2.25 mm Ø
160 mm – 6¼"	DP-786-03-28

Suction tubes



COOLEY

	8 mm Ø
350 mm - 13 3/4"	DP-786-03-29



	10 mm Ø
310 mm - 12 1/4"	DP-786-03-30



	6 mm Ø
300 mm - 12"	DP-786-03-31



	8 mm Ø
330 mm - 13"	DP-786-03-32

Suction tubes



POOLE

		220 mm - 8 "
8 mm Ø	23 Charr./Fr.	DP-786-03-33



POOLE

		220 mm - 8 "
10 mm Ø	30 Charr./Fr.	DP-786-03-34



ANDREWS-PYNCHON

235 mm - 9 1/4 "	DP-786-03-35
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DE BAKEY

275 mm - 10 3/4 "	DP-786-03-36
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DP-786-03-37

YANKAUER

270 mm - 10 3/4 "	DP-786-03-38
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Eustachian catheters



HARTMANN

	Fig. 1	Fig. 2
2.0 mm Ø	DP-786-03-39	DP-786-03-42
2.5 mm Ø	DP-786-03-40	DP-786-03-43
3.0 mm Ø	DP-786-03-41	DP-786-03-44



KILLIAN

○	160 mm - 6"	2.5 mm Ø	DP-786-03-45
●	160 mm - 6"	3.0 mm Ø	DP-786-03-46

oval opening

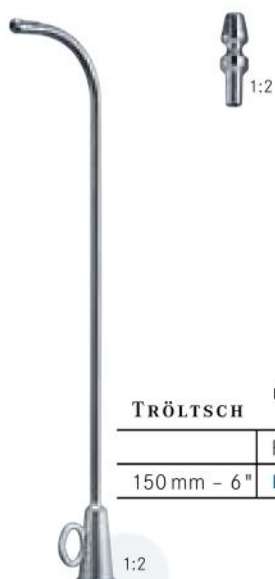


HARTMANN

	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm - 6"	DP-786-03-47	DP-786-03-48	DP-786-03-49	DP-786-03-50	DP-786-03-51	DP-786-03-52

1:2

Eustachian catheters



DP-786-03-53

Tube end piece for eustachian catheter

TRÖLTSCH



	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm – 6"	DP-786-03-54	DP-786-03-55	DP-786-03-56	DP-786-03-57	DP-786-03-58

Ear syringe



DP-786-03-59	DP-786-03-60	DP-786-03-61	DP-786-03-62	DP-786-03-63	DP-786-03-64
50 ccm 2 oz	100 ccm 4 oz				

DP-786-03-65		x	x	x	
DP-786-03-66	x	x	x	x	

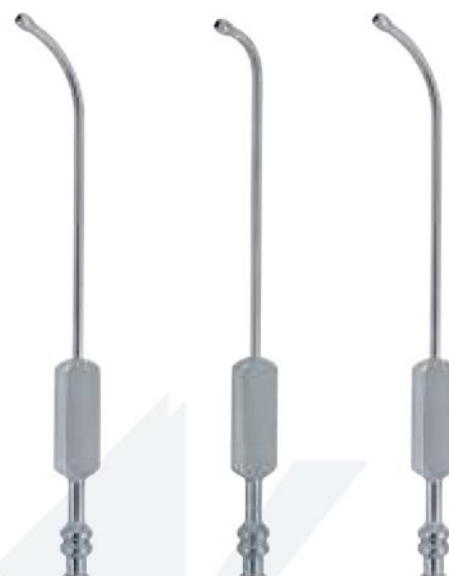
complete

Suction and irrigation cannulas



1.2 mm Ø x 60 mm	DP-786-03-67	DP-786-03-70
1.5 mm Ø x 80 mm	DP-786-03-68	DP-786-03-71
2.0 mm Ø x 80 mm	DP-786-03-69	DP-786-03-72

Package of 6 pieces



EICKEN

2.5 mm Ø	DP-786-03-73	DP-786-03-75	DP-786-03-77
3.0 mm Ø	DP-786-03-74	DP-786-03-76	DP-786-03-78

slightly curved

strongly curved

malleable



LUER-LOCK

3.0 mm Ø

[DP-786-03-79](#)



LUER-LOCK

2.5 mm Ø

[DP-786-03-80](#)



FISCH

4.0 mm Ø

[DP-786-03-81](#)

Suction and irrigation cannulas



0.8 mm Ø	DP-786-03-82	DP-786-03-83
Tonsil needle	straight	curved

0.8 mm Ø	DP-786-03-84	DP-786-03-85
Septum needle	bayonet	angled on flat

Suction tubes

ZÖLLNER

0.7 mm Ø

DP-786-03-86
complete with 1 slip-on cannula, 0.7 mm Ø
MOCK

	2.9 mm Ø
65 mm - 2½"	DP-786-03-87


IOWA

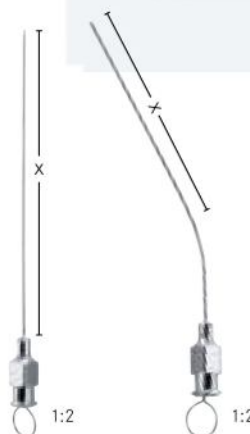
	0.7 mm Ø
160 mm - 6¼"	DP-786-03-88


MAGILL

	245 mm - 9¾"
3.0 mm Ø	DP-786-03-89
3.5 mm Ø	DP-786-03-90
4.0 mm Ø	DP-786-03-91

ROSEN

	x = 80 mm	x = 65 mm
0.7 mm Ø	DP-786-03-92	DP-786-03-95
0.9 mm Ø	DP-786-03-93	DP-786-03-96
1.2 mm Ø	DP-786-03-94	DP-786-03-97



Suction tubes

BARON

		x = 75 mm - 3"	x = 100 mm - 4"
1 mm Ø	3 Charr./Fr.	DP-786-03-98	DP-786-03-101
1 2/3 mm Ø	5 Charr./Fr.	DP-786-03-99	DP-786-03-102
2 1/3 mm Ø	7 Charr./Fr.	DP-786-03-100	DP-786-03-103


HOUSE

		x = 75 mm - 3"	x = 100 mm - 4"
1 mm Ø	3 Charr./Fr.	DP-786-03-104	DP-786-03-105
1 2/3 mm Ø	5 Charr./Fr.	DP-786-03-106	DP-786-03-107
2 1/3 mm Ø	7 Charr./Fr.	DP-786-03-108	DP-786-03-109
2 2/3 mm Ø	8 Charr./Fr.	DP-786-03-110	DP-786-03-111
3 1/3 mm Ø	10 Charr./Fr.	DP-786-03-112	DP-786-03-113
4 mm Ø	12 Charr./Fr.	DP-786-03-114	DP-786-03-115
4 2/3 mm Ø	14 Charr./Fr.	DP-786-03-116	DP-786-03-117


FERGUSSON

		x = 120 mm - 4 3/4"
2 mm Ø	6 Charr./Fr.	DP-786-03-118
2 1/3 mm Ø	7 Charr./Fr.	DP-786-03-119
2 2/3 mm Ø	8 Charr./Fr.	DP-786-03-120
3 mm Ø	9 Charr./Fr.	DP-786-03-121
3 1/3 mm Ø	10 Charr./Fr.	DP-786-03-122
4 mm Ø	12 Charr./Fr.	DP-786-03-123
5 mm Ø	15 Charr./Fr.	DP-786-03-124

1:2

Suction tubes



PLESTER

		170 mm – 6 $\frac{3}{4}$ "
2 mm Ø	6 Charr./Fr.	DP-786-03-125
2 $\frac{1}{3}$ mm Ø	7 Charr./Fr.	DP-786-03-126
2 $\frac{2}{3}$ mm Ø	8 Charr./Fr.	DP-786-03-127
3 mm Ø	9 Charr./Fr.	DP-786-03-128
3 $\frac{1}{3}$ mm Ø	10 Charr./Fr.	DP-786-03-129
3 $\frac{2}{3}$ mm Ø	11 Charr./Fr.	DP-786-03-130
4 mm Ø	12 Charr./Fr.	DP-786-03-131
5 mm Ø	15 Charr./Fr.	DP-786-03-132

1:2



ADSON

		210 mm – 8 $\frac{1}{4}$ "
4 mm Ø	12 Charr./Fr.	DP-786-03-134
5 mm Ø	15 Charr./Fr.	DP-786-03-135

1:2



200 mm – 8" **DP-786-03-133**

Suction raspatory – malleable, sharp

1:2

Suction tubes

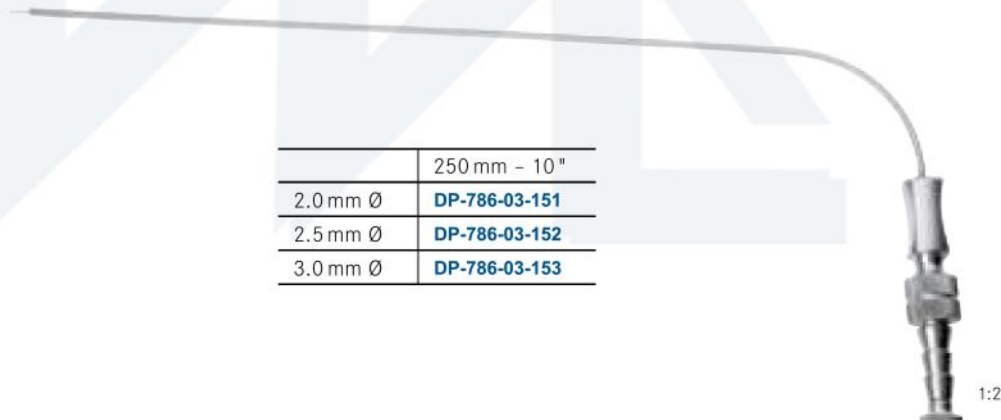


FRAZIER

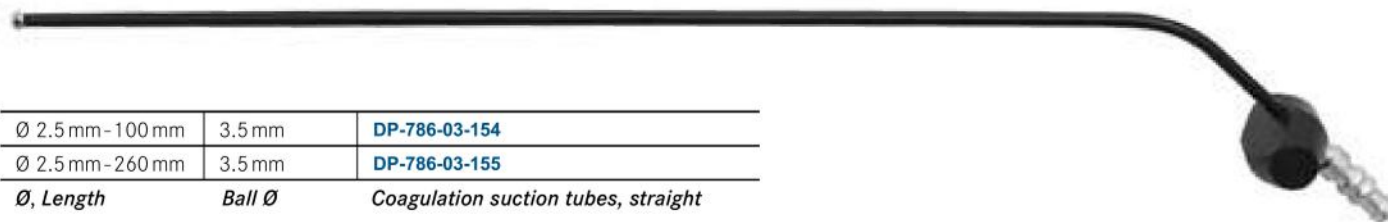
		170 mm - 6¾"	170 mm - 6¾"	170 mm - 6¾"	170 mm - 6¾"	170 mm - 6¾"
2 mm Ø	6 Charr./Fr.	DP-786-03-136				
2⅓ mm Ø	7 Charr./Fr.	DP-786-03-137				
2⅔ mm Ø	8 Charr./Fr.	DP-786-03-138				
3 mm Ø	9 Charr./Fr.	DP-786-03-139				
3⅓ mm Ø	10 Charr./Fr.	DP-786-03-140	DP-786-03-143	DP-786-03-145	DP-786-03-147	DP-786-03-149
4 mm Ø	12 Charr./Fr.	DP-786-03-141	DP-786-03-144	DP-786-03-146	DP-786-03-148	DP-786-03-150
5 mm Ø	15 Charr./Fr.	DP-786-03-142				



	250 mm - 10"
2.0 mm Ø	DP-786-03-151
2.5 mm Ø	DP-786-03-152
3.0 mm Ø	DP-786-03-153



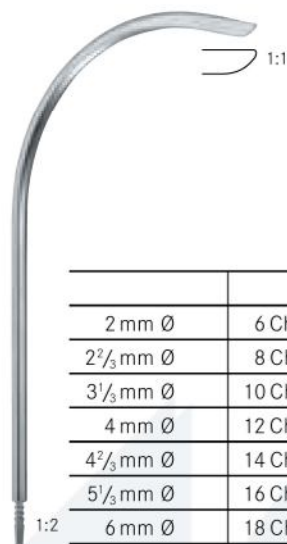
Ø 2.5 mm - 100 mm	3.5 mm	DP-786-03-154
Ø 2.5 mm - 260 mm	3.5 mm	DP-786-03-155
Ø, Length	Ball Ø	Coagulation suction tubes, straight



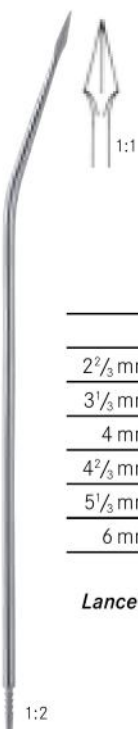
Guide needles



		195 mm - 5 3/4"
2 2/3 mm Ø	8 Charr./Fr.	DP-786-03-156
3 1/3 mm Ø	10 Charr./Fr.	DP-786-03-157
4 mm Ø	12 Charr./Fr.	DP-786-03-158
4 2/3 mm Ø	14 Charr./Fr.	DP-786-03-159
5 1/3 mm Ø	16 Charr./Fr.	DP-786-03-160
6 mm Ø	18 Charr./Fr.	DP-786-03-161



		195 mm - 5 3/4"
2 mm Ø	6 Charr./Fr.	DP-786-03-162
2 2/3 mm Ø	8 Charr./Fr.	DP-786-03-163
3 1/3 mm Ø	10 Charr./Fr.	DP-786-03-164
4 mm Ø	12 Charr./Fr.	DP-786-03-165
4 2/3 mm Ø	14 Charr./Fr.	DP-786-03-166
5 1/3 mm Ø	16 Charr./Fr.	DP-786-03-167
6 mm Ø	18 Charr./Fr.	DP-786-03-168



		195 mm - 5 3/4"
2 2/3 mm Ø	8 Charr./Fr.	DP-786-03-169
3 1/3 mm Ø	10 Charr./Fr.	DP-786-03-170
4 mm Ø	12 Charr./Fr.	DP-786-03-171
4 2/3 mm Ø	14 Charr./Fr.	DP-786-03-172
5 1/3 mm Ø	16 Charr./Fr.	DP-786-03-173
6 mm Ø	18 Charr./Fr.	DP-786-03-174

Lancet tip

Probes and directors


	2.0 mm Ø	1.5 mm Ø	1.0 mm Ø
115 mm - 4½"	DP-786-03-175	DP-786-03-182	DP-786-03-189
130 mm - 5"	DP-786-03-176	DP-786-03-183	DP-786-03-190
145 mm - 5¾"	DP-786-03-177	DP-786-03-184	DP-786-03-191
160 mm - 6¼"	DP-786-03-178	DP-786-03-185	DP-786-03-192
180 mm - 7"	DP-786-03-179	DP-786-03-186	DP-786-03-193
200 mm - 8"	DP-786-03-180	DP-786-03-187	DP-786-03-194
250 mm - 9¾"	DP-786-03-181	DP-786-03-188	DP-786-03-195



2 mm Ø	
115 mm - 4½"	DP-786-03-196
130 mm - 5"	DP-786-03-197
145 mm - 5¾"	DP-786-03-198
160 mm - 6¼"	DP-786-03-199
180 mm - 7"	DP-786-03-200
200 mm - 8"	DP-786-03-201
250 mm - 9¾"	DP-786-03-202

with eyelet



2 mm Ø	
115 mm - 4½"	DP-786-03-203
130 mm - 5"	DP-786-03-204
145 mm - 5¾"	DP-786-03-205
160 mm - 6¼"	DP-786-03-206

myrtle-shaped



115 mm - 4½"	DP-786-03-207
130 mm - 5"	DP-786-03-208
145 mm - 5¾"	DP-786-03-209
160 mm - 6¼"	DP-786-03-210
180 mm - 7"	DP-786-03-211
200 mm - 8"	DP-786-03-212



115 mm - 4½"	DP-786-03-213
130 mm - 5"	DP-786-03-214
145 mm - 5¾"	DP-786-03-215
160 mm - 6¼"	DP-786-03-216
180 mm - 7"	DP-786-03-217
200 mm - 8"	DP-786-03-218

DOYEN

140 mm - 5½"
DP-786-03-219



1:2

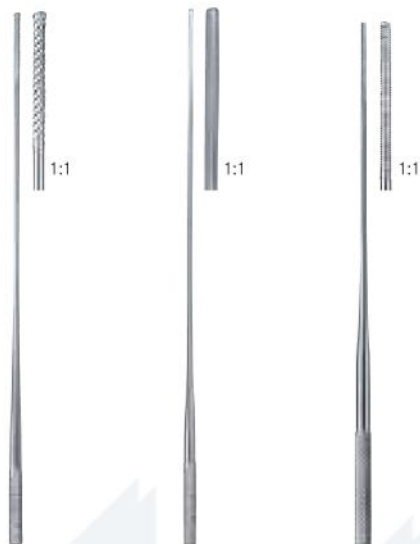
NÉLATON

160 mm - 6½"
DP-786-03-220



1:2

Cotton applicators



FARRELL-LATHBURY

120 mm - 4 3/4"	0.9 mm Ø	DP-786-03-221	DP-786-03-226	DP-786-03-231
140 mm - 5 1/2"	0.9 mm Ø	DP-786-03-222	DP-786-03-227	DP-786-03-232
165 mm - 6 1/4"	1.1 mm Ø	DP-786-03-223	DP-786-03-228	DP-786-03-233
180 mm - 7"	1.2 mm Ø	DP-786-03-224	DP-786-03-229	DP-786-03-234
230 mm - 9"	1.3 mm Ø	DP-786-03-225	DP-786-03-230	DP-786-03-235



MOD. MARTIN

	1.2 mm Ø	1.5 mm Ø	1.5 mm Ø
120 mm - 4 3/4"	DP-786-03-236	DP-786-03-240	DP-786-03-244
140 mm - 5 1/2"	DP-786-03-237	DP-786-03-241	DP-786-03-245
160 mm - 6 1/4"	DP-786-03-238	DP-786-03-242	DP-786-03-246
180 mm - 7"	DP-786-03-239	DP-786-03-243	DP-786-03-247

	2.5 mm Ø	2.5 mm Ø
280 mm - 11"	DP-786-03-248	DP-786-03-249

Cotton applicators

