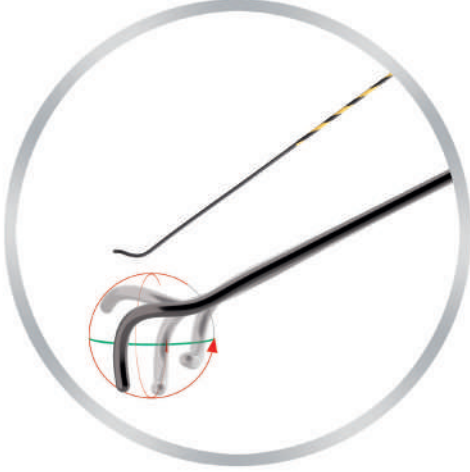
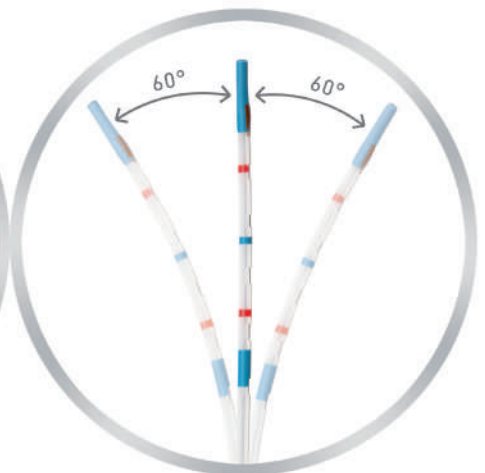


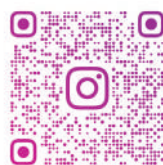
MTW[®]

Endoskopie Manufaktur



update





MTW_ENDOSKOPIE



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ERCP-CATHETERS

SPRAY CATHETERS / WASH-OUT PROBES

PAPILLOTOMES

CYSTOSTOME / ESD-KNIVES

BASKETS

LITHOTOMY BASKETS / LITHOTRIPTOR (SET) /
BALLOON CATHETERS

STENT WITH INTRODUCER SYSTEM

STENTS / INTRODUCER SYSTEM / GUIDING CATHETER / PUSHER
JET-SET / QUICK-SET / DILATATION CATHETER / CYST DRAINAGE
SYSTEM / RING KNIFE SYSTEM

POLYPECTOMY SNARES

BIOPSY FORCEPS

HOT-BIOPSY FORCEPS / PUNCTURE BIOPSY FORCEPS /
MICRO-BITES

FOREIGN BODY REMOVING FORCEPS

POLYPOTOMES / POLYP TRAP NET LOOPS

BRUSHES

CYTOLOGY BRUSHES/ CLEANING BRUSHES

INJECTION NEEDLES

ASPIRATION NEEDLE

GUIDE WIRES

ENTEROSCOPY

BASICS

SYMBOLS

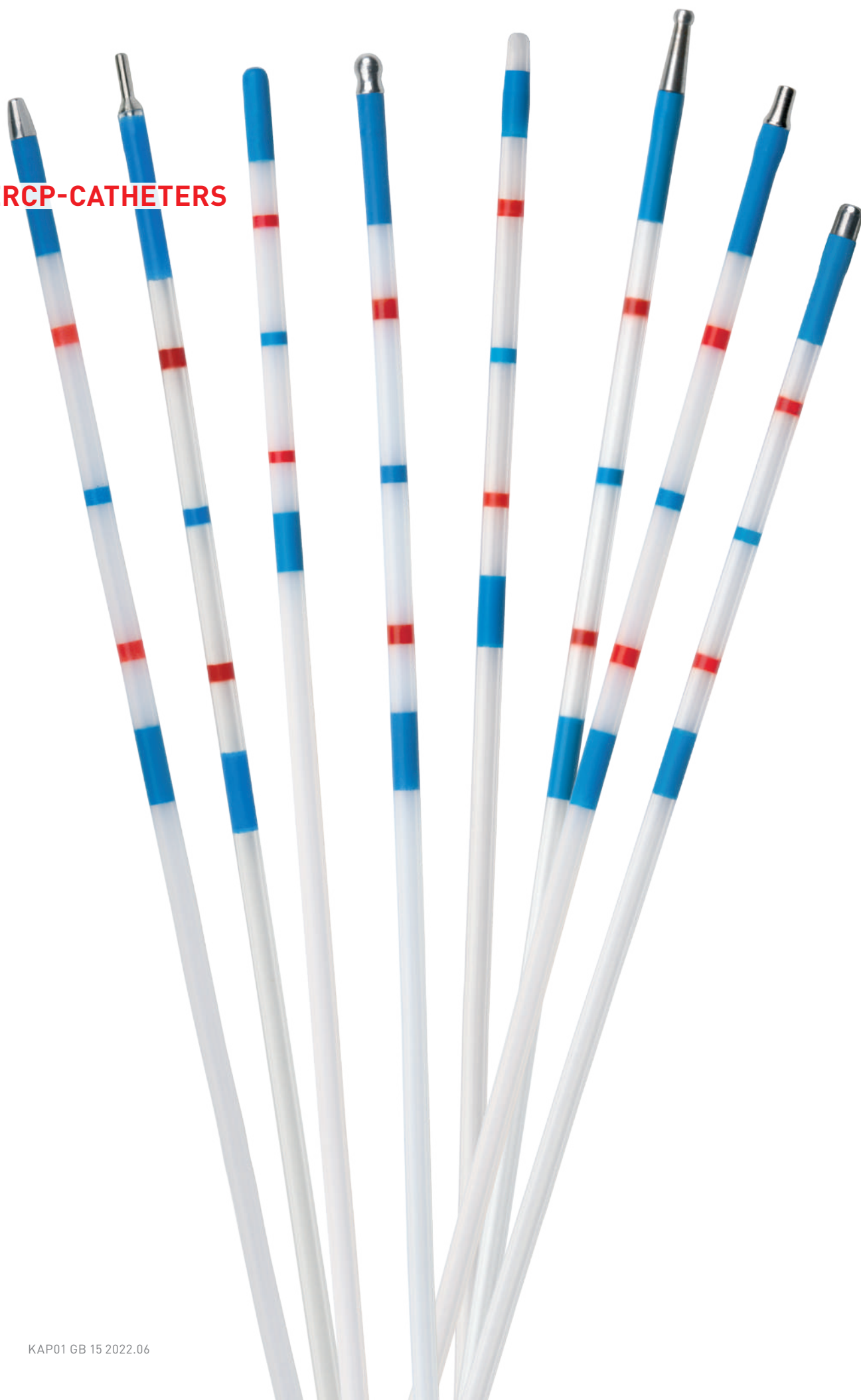


— Disposable products



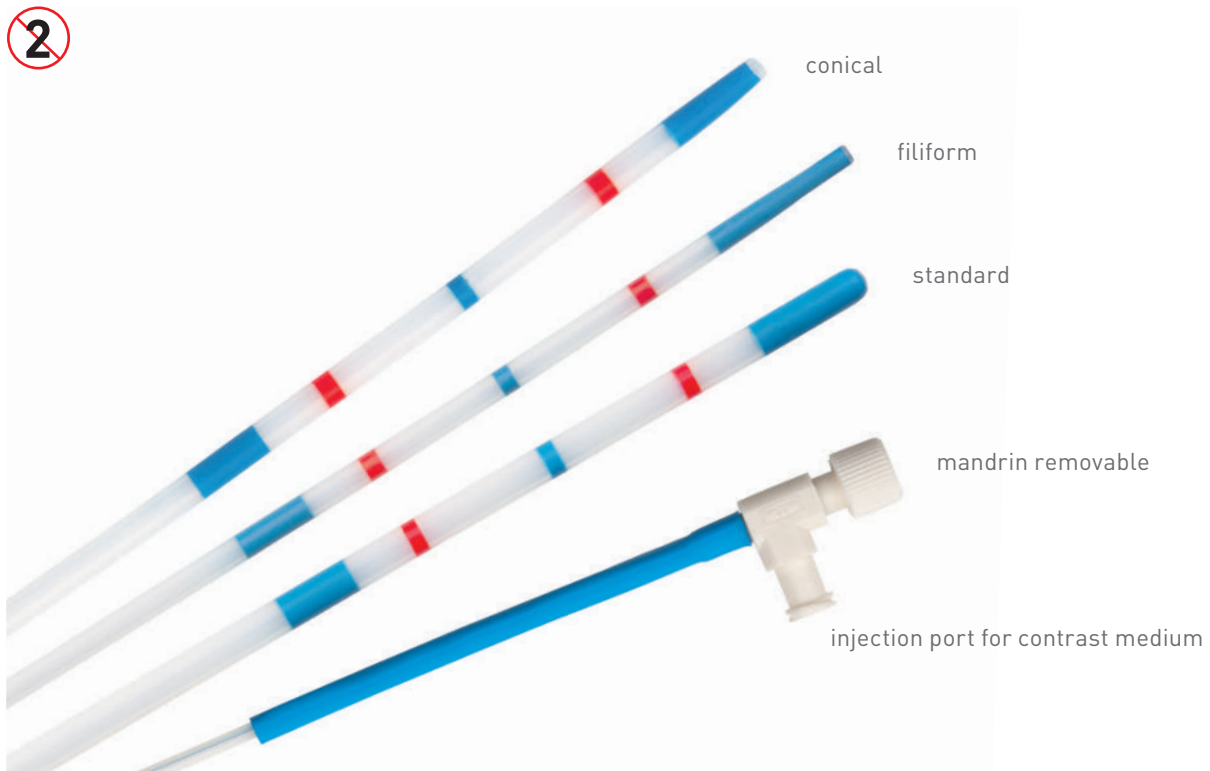
— Reusable products

ERCP-CATHETERS



ERCP-CATHETERS

partly with inside metal ring, radiopaque,
Luer-Lock connection, mandrin removable



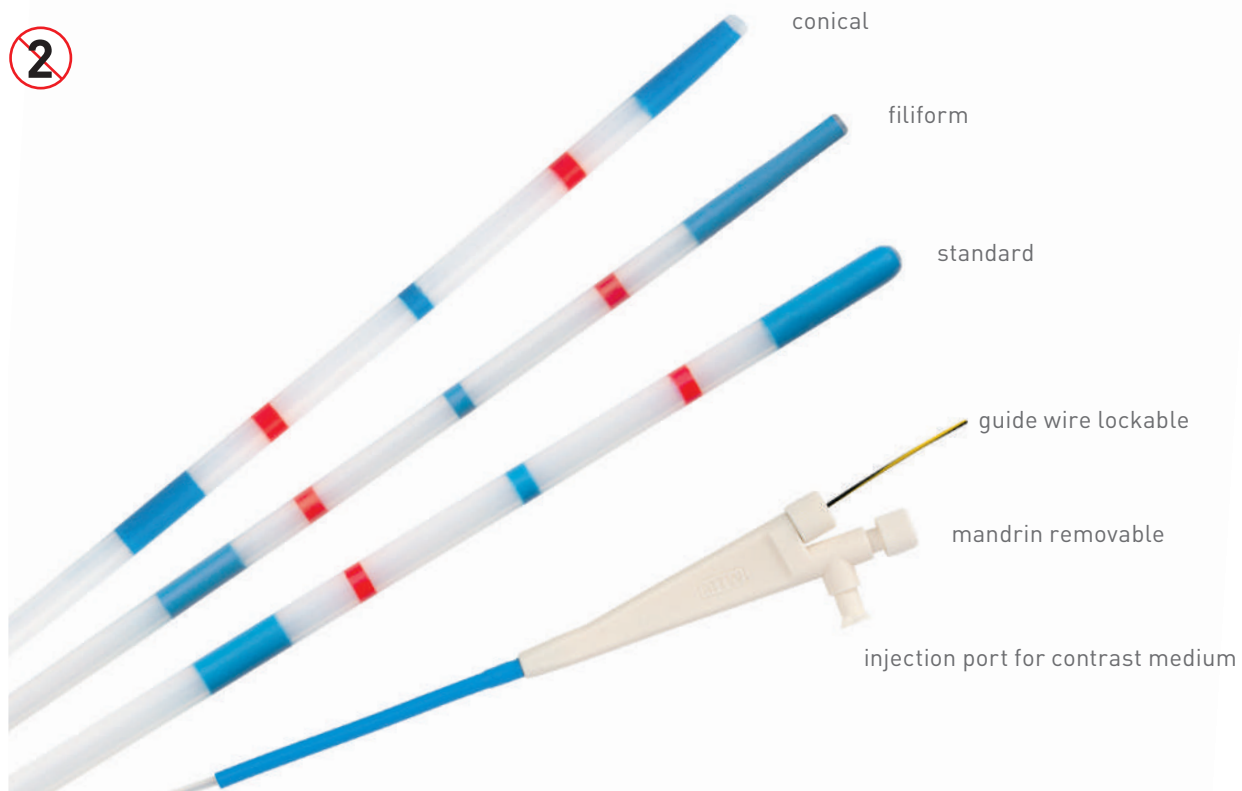
Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990130100 x5	990130100	standard	1,8	215	0.035	5
99130130110 x2	99130130110	standard / with inside metal ring	1,8	250	0.035	2
990130200 x5	990130200	filiform	1,8	215	0.035	5
99130130700 x2	99130130700	conical	1,8	250	0.035	2
990101110 x5	990101110	thin metal cannula: ø 0,7 mm	1,6	215	---	5

Figure shows article REF 990130100, 99130130110, 990130200, 99130130700

ERCP-CATHETERS

partly tapered, partly with inside metal ring, radiopaque
Y-nozzle, guide wire lockable, mandrin removable

2



Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990110712 x5	990110712	conical / with inside metal ring	1,6	215	0.018	5
990120102 x5	990120102	standard	2,3 > 1,6	215	0.025	5
990120112 x5	990120112	standard / with inside metal ring	2,3 > 1,6	215	0.025	5
990130102 x5	990130102	standard	2,3 > 1,8	215	0.035	5
990130112 x5	990130112	standard / with inside metal ring	2,3 > 1,8	215	0.035	5
990130132 x5	990130132*	standard / with inside metal ring	2,3 > 1,8	215	0.035	5
990120202 x5	990120202	filiform	2,3 > 1,6	215	0.025	5
990120212 x5	990120212	filiform / with inside metal ring	2,3 > 1,6	215	0.025	5
990130202 x5	990130202	filiform	2,3 > 1,8	215	0.035	5
990130212 x5	990130212	filiform / with inside metal ring	2,3 > 1,8	215	0.035	5

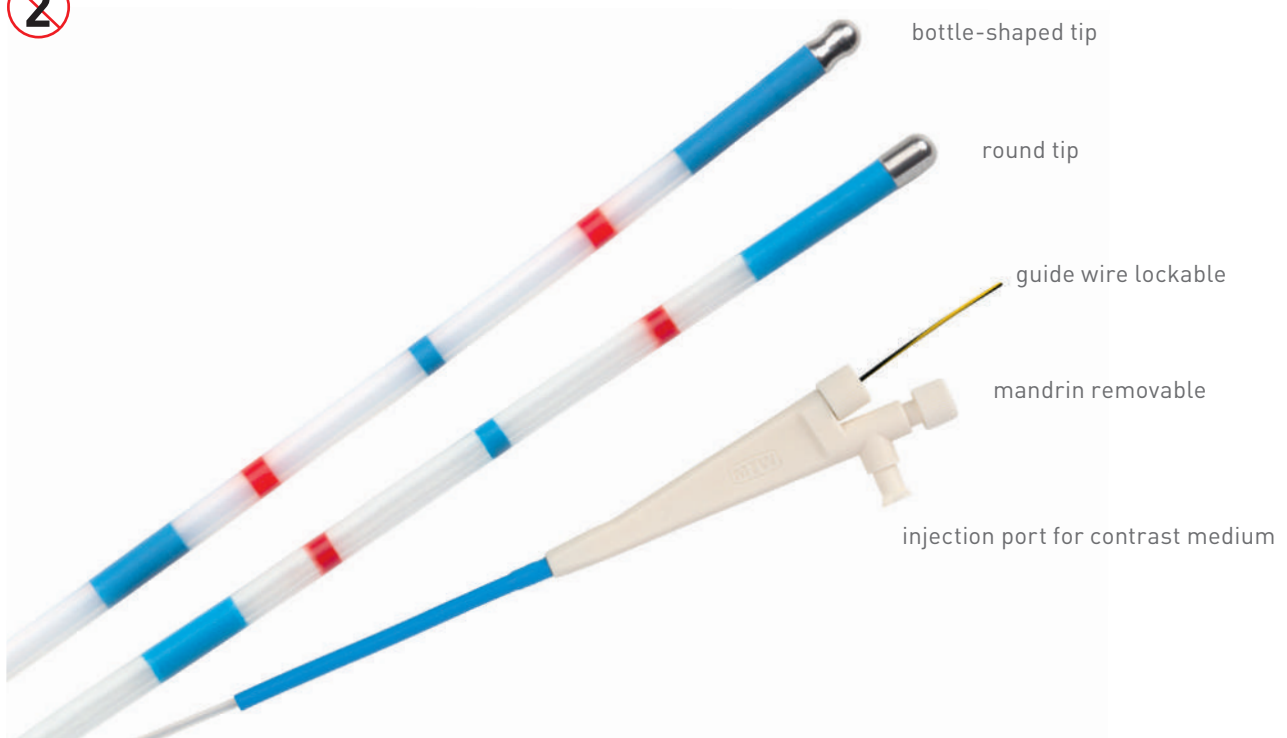
Figure shows article REF 990110712, 990120102, 990130202

* with short tapered tubus

ERCP-CATHETERS

tapered, metal tip, Y-nozzle, guide wire lockable,
mandrin removable

2



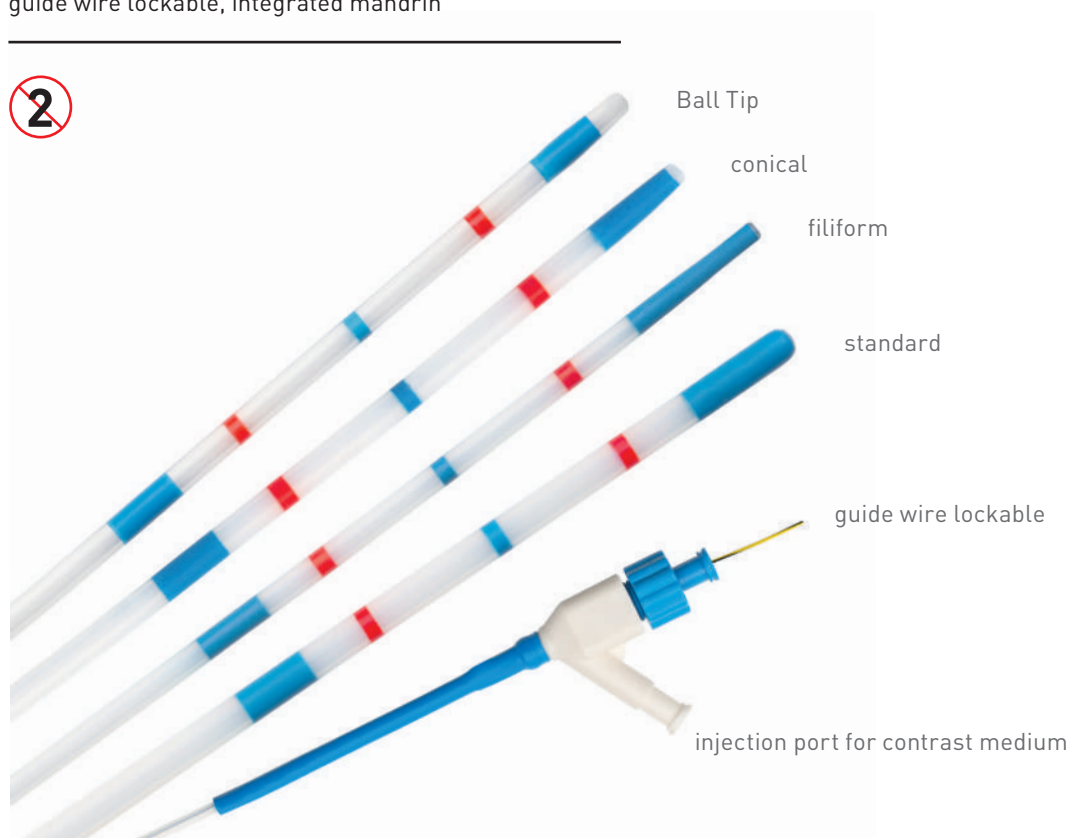
Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990120312 x5	990120312	round metal tip	2,3 > 1,6	215	0.025	5
990130312 x5	990130312	round metal tip	2,3 > 1,8	215	0.035	5
990120512 x5	990120512	bottle-shaped metal tip	2,3 > 1,6	215	0.025	5
990130512 x5	990130512	bottle-shaped metal tip	2,3 > 1,8	215	0.035	5

Figure shows article REF 990130312, 990130512

ERCP-CATHETERS

tapered, partly with inside metal ring, radiopaque,
guide wire lockable, integrated mandrin

2

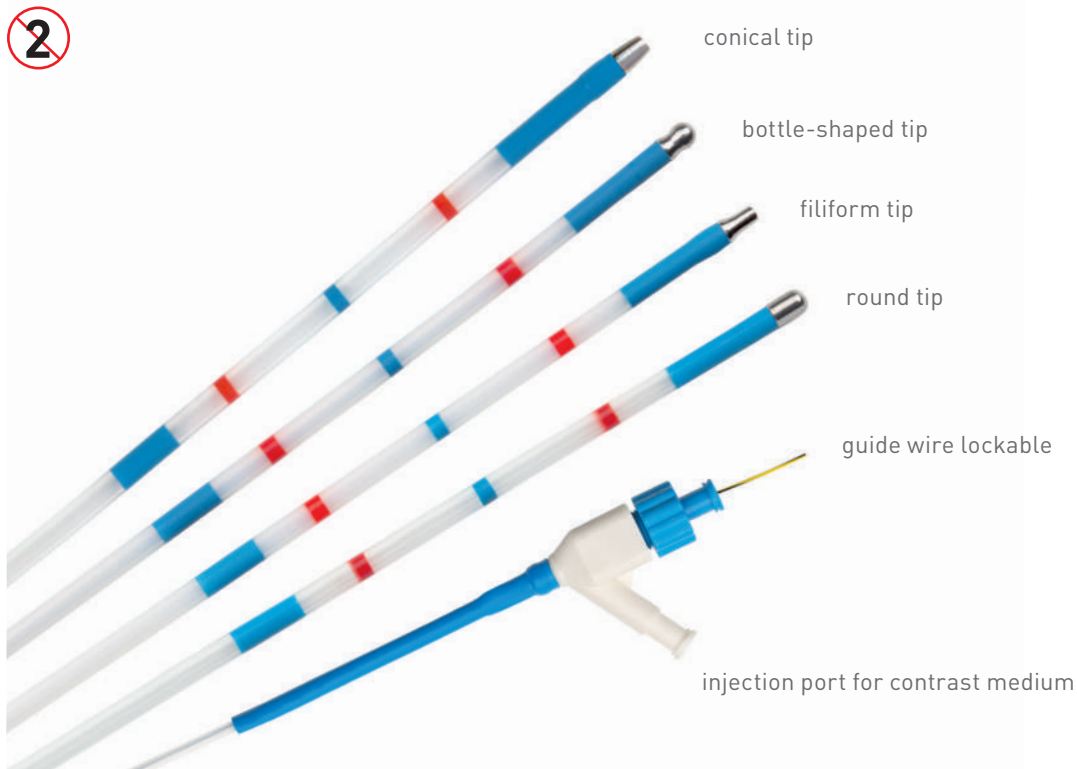


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990120101 x5	990120101	standard	2,3 > 1,6	215	0.025	5
990120111 x5	990120111	standard / with inside metal ring	2,3 > 1,6	215	0.025	5
990120211 x5	990120211	filiform / with inside metal ring	2,3 > 1,6	215	0.025	5
99130120211 x2	99130120211	filiform / with inside metal ring	2,3 > 1,6	250	0.025	2
990130101 x5	990130101	standard	2,3 > 1,8	215	0.035	5
99130131110 x2	99130131110	standard / with inside metal ring	2,3 > 1,8	250	0.035	2
990131111 x5	990131111	standard / with inside metal ring	2,3 > 1,8	215	0.035	5
990131113 x10	990131113	standard / with inside metal ring	2,3 > 1,8	215	0.035	10
990130201 x5	990130201	filiform	2,3 > 1,8	215	0.035	5
990131211 x5	990131211	filiform / with inside metal ring	2,3 > 1,8	215	0.035	5
990131213 x10	990131213	filiform / with inside metal ring	2,3 > 1,8	215	0.035	10
99130130701 x2	99130130701	conical	2,3 > 1,8	250	0.035	2
990130711 x5	990130711	"BallTip" / with inside metal ring	2,3 > 1,8	215	0.035	5

Figure shows article REF 990131111, 990130201, 99130130701, 990130711

ERCP-CATHETERS

tapered, metal tip, guide wire lockable,
integrated mandrin

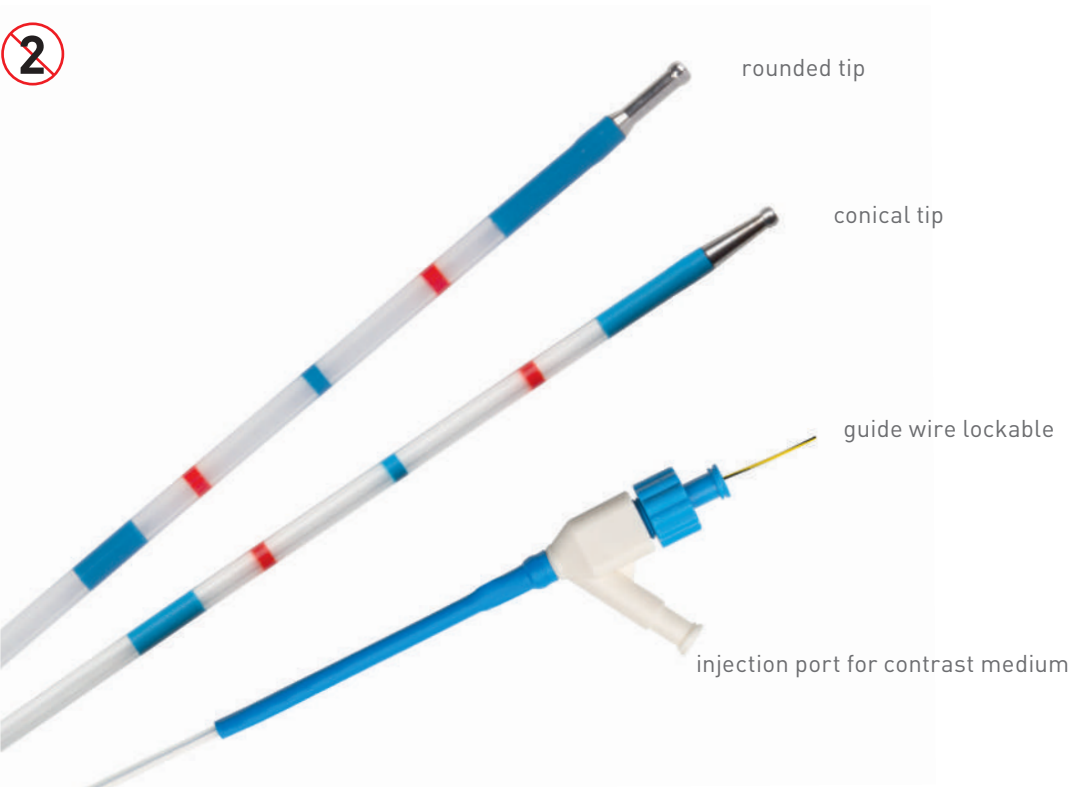


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990120311 x5	990120311	round metal tip	2,3 > 1,6	215	0.025	5
990130311 x5	990130311	round metal tip	2,3 > 1,8	215	0.035	5
990130411 x5	990130411	filiform metal tip	2,3 > 1,8	215	0.035	5
990120511 x5	990120511	bottle-shaped metal tip	2,3 > 1,6	215	0.025	5
990130511 x5	990130511	bottle-shaped metal tip	2,3 > 1,8	215	0.035	5
990130611 x5	990130611	conical metal tip	2,3 > 1,8	215	0.035	5

Figure shows article REF 990120311, 990130411, 990130511, 990130611

ERCP-CATHETERS WITH THIN METAL CANNULA

tapered, thin metal cannula, guide wire lockable, integrated mandrin

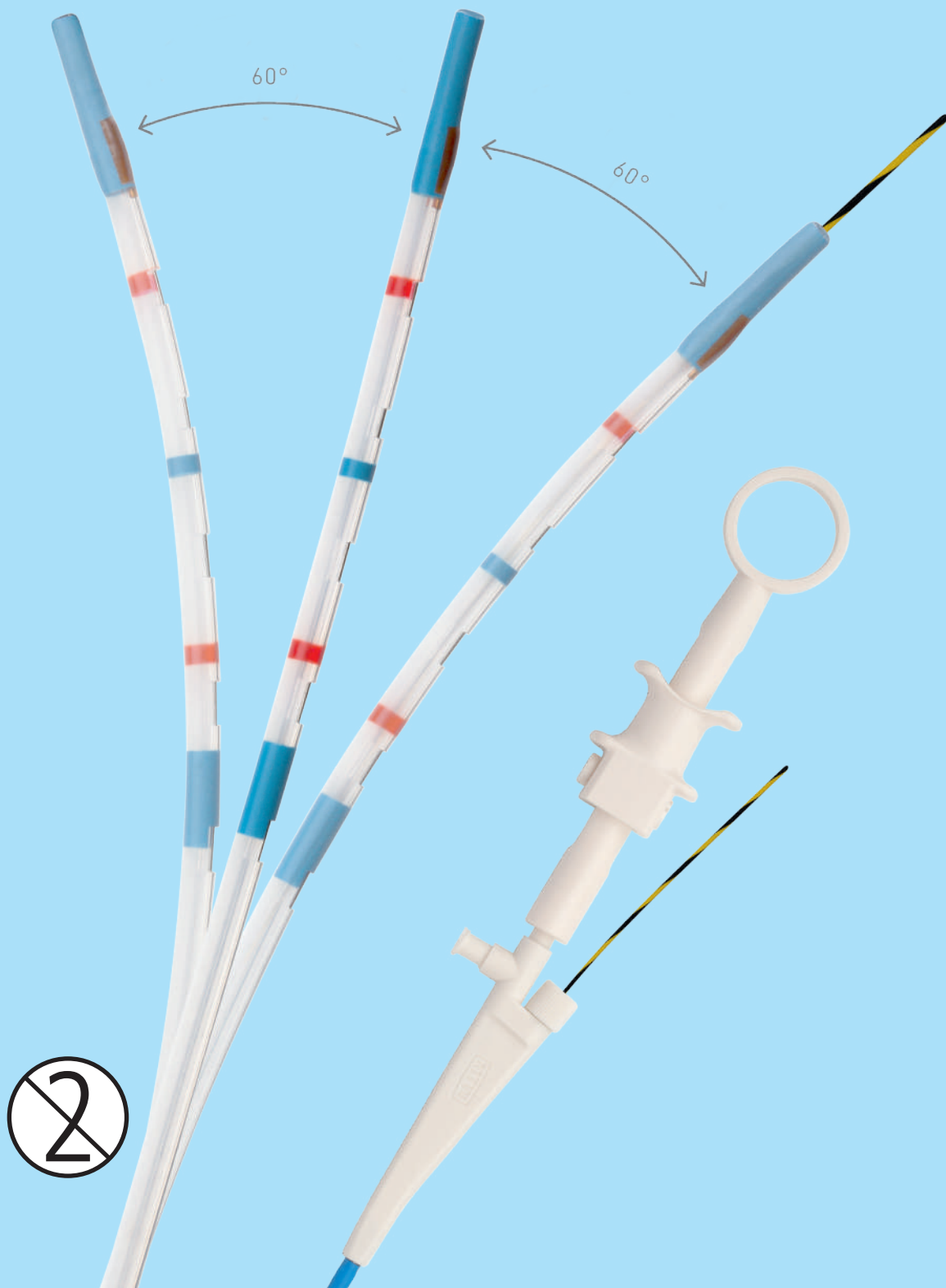


Order no.	Article no.	Catheter tip with diameter	Diameter mm	Length cm	For guide wire inch	PU
990103120 x5	990103120	rounded metal cannula / 1,6	2,3 > 1,8	215	0.035	5
990102220 x5	990102220	conical metal cannula / 1,3	2,3 > 1,6	215	0.025	5

Figure shows article REF 990103120, 990102220

ERCP-Catheter

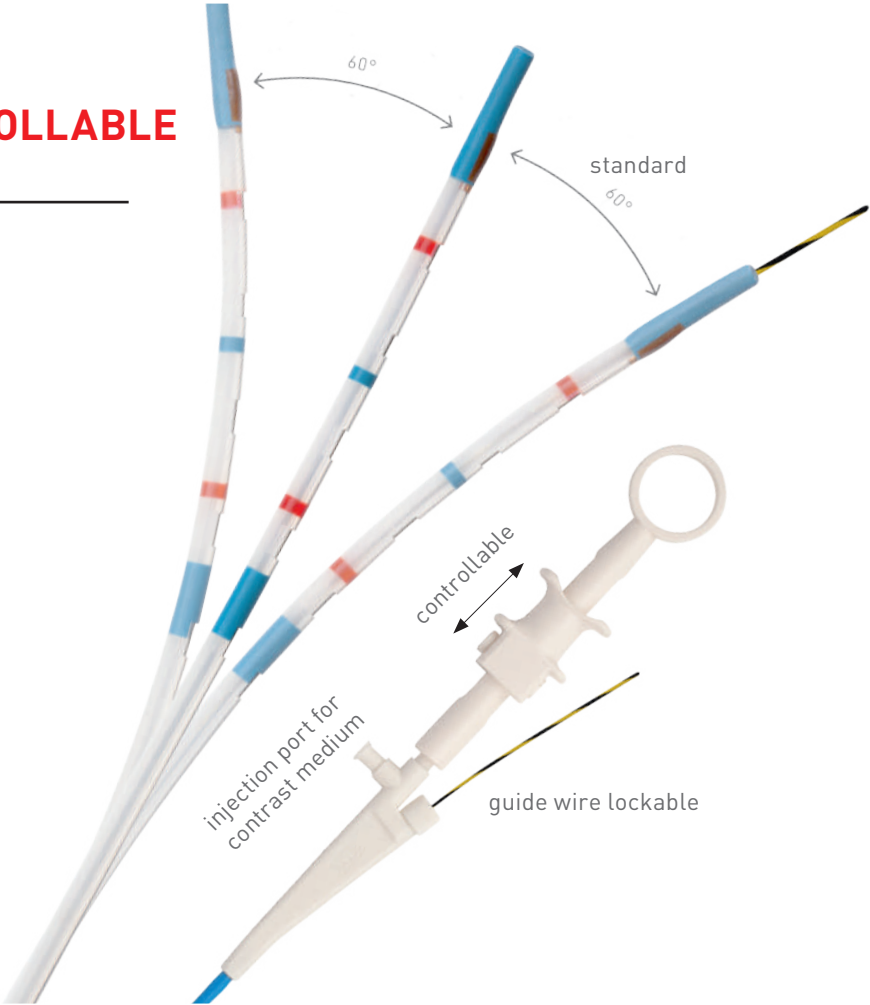
controllable



ERCP-CATHETER, CONTROLLABLE

tapered, guide wire lockable

2



Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990137101 x2	990137101	standard, with inside platinum ring	2,6 > 1,8	200	0.035	2

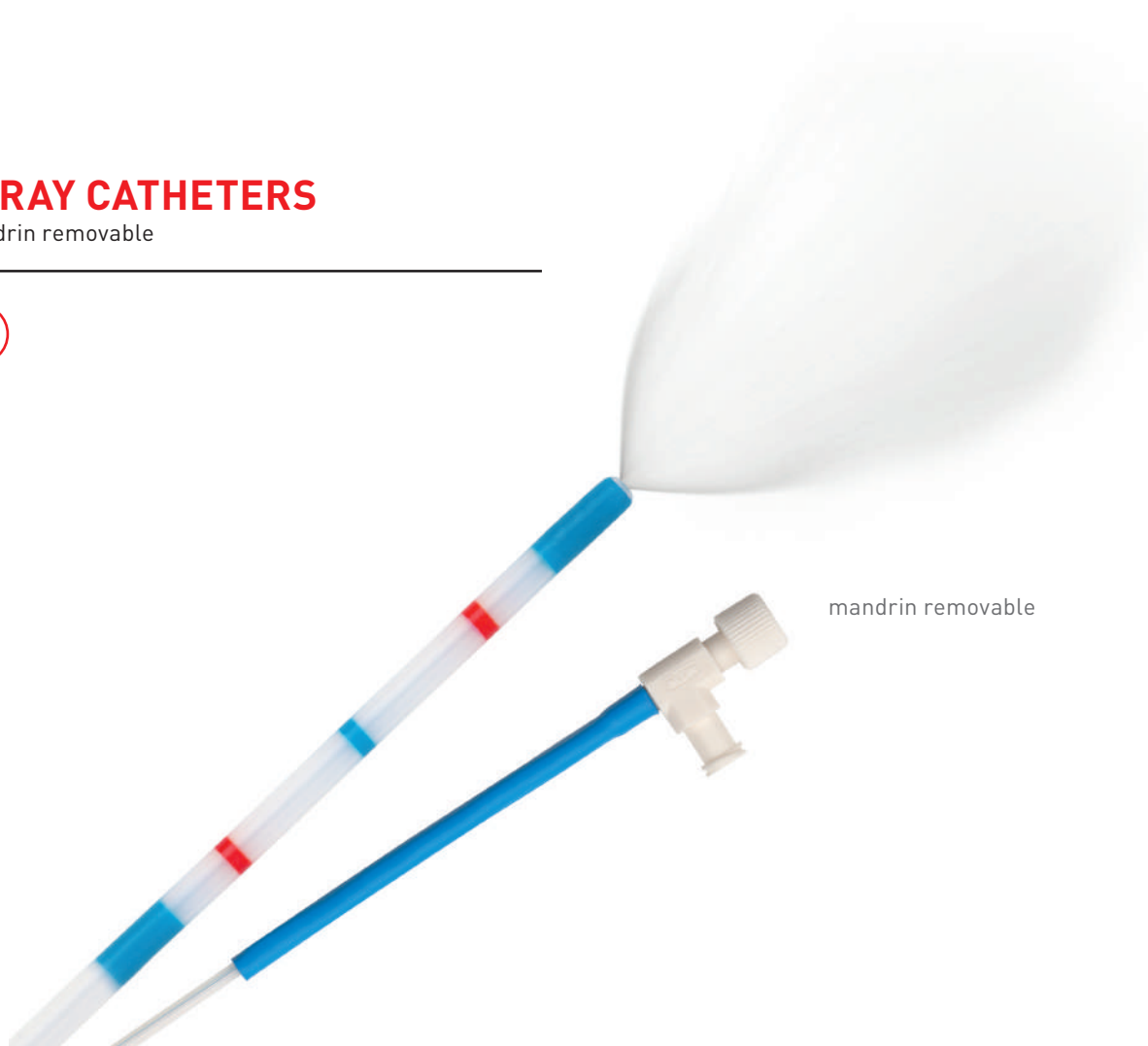
SPRAY CATHETERS AND WASH-OUT PROBES



SPRAY CATHETERS

mandrin removable

2



mandrin removable

Order no.	Article no.	Diameter mm	Length cm	PU
99110101210 x5	99110101210	1,8	120	5
AS2791823 x5	AS2791823*	1,8	230	5
99130101210 x2	99130101210	1,8	250	2
990101310 x5	990101310	2,3	215	5
99130101310 x2	99130101310	2,3	250	2

Figure shows article REF 990101310

* without color marking

WASH-OUT PROBES

mandrin removable



mandrin removable

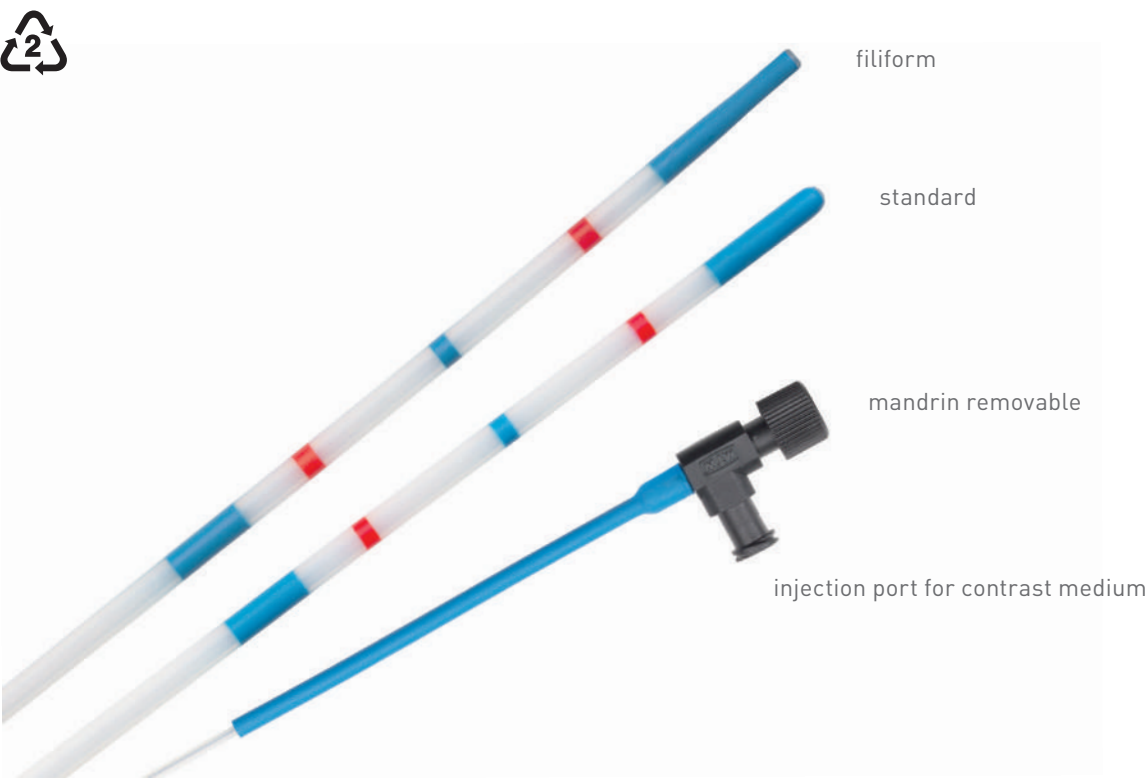
Order no.	Article no.	Catheter tip	Diameter mm	Length cm	PU
99112000210 x10	99112000210*	without metal head, sheath without ring marking	1,8	120	10
99110120100 x10	99110120100	without metal head, sheath with ring marking	1,6	120	10
99112100210 x5	99112100210	without metal head, sheath with ring marking	1,8	120	5
99110130900 x10	99110130900	without metal head, sheath with ring marking	2,3	120	10
990131210 x5	990131210	with metal head, sheath without ring marking	2,3	230	5
99112101210 x5	99112101210	with metal head, sheath with ring marking	1,8	120	5
99113101210 x5	99113101210	with metal head, sheath with ring marking	2,3	120	5

Figure shows article REF 990131210, 99110130900

* With LLT-Connector without mandrin

ERCP-CATHETERS

partly with inside metal ring, radiopaque, Luer-Lock connection,
mandrin removable

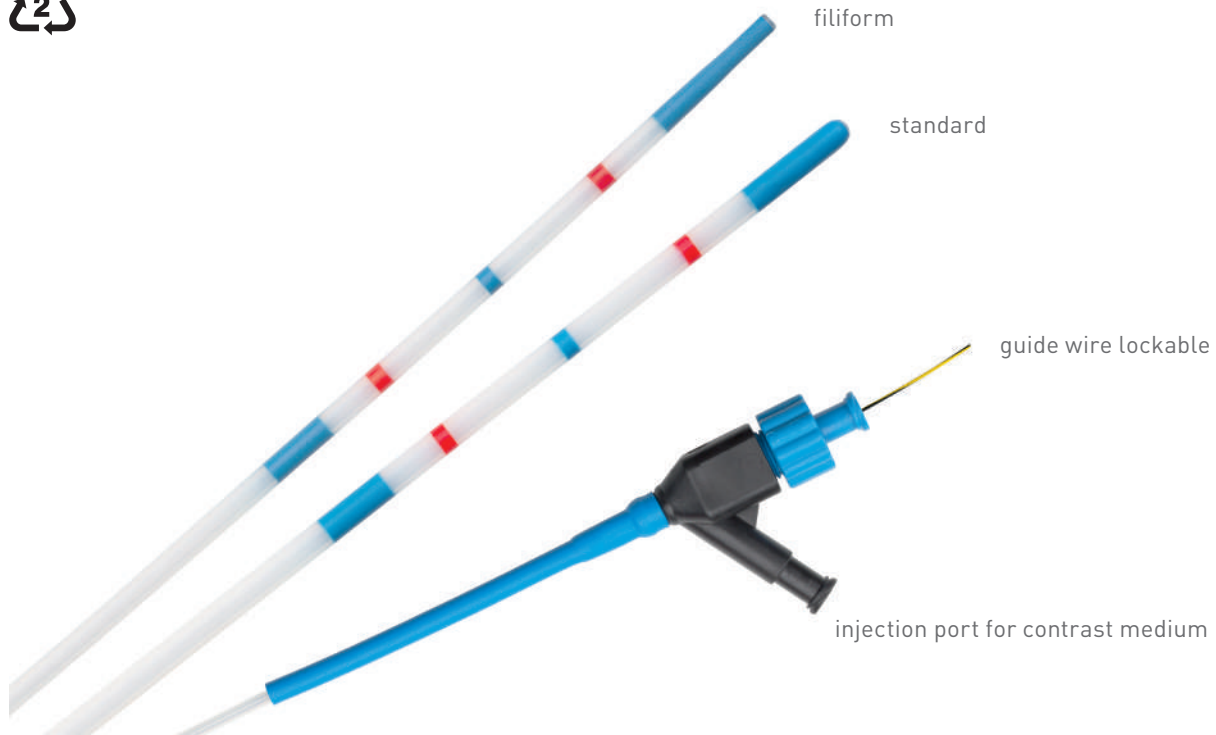


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
0120200	0120200	filiform	1,6	215	0.025	1
0130200	0130200	filiform	1,8	215	0.035	1
0120210	0120210	filiform / with inside metal ring	1,6	215	0.025	1

Figure shows article REF 0120100, 0130200

ERCP-CATHETERS

tapered, partly with inside metal ring, radiopaque,
guide wire lockable, integrated mandrin

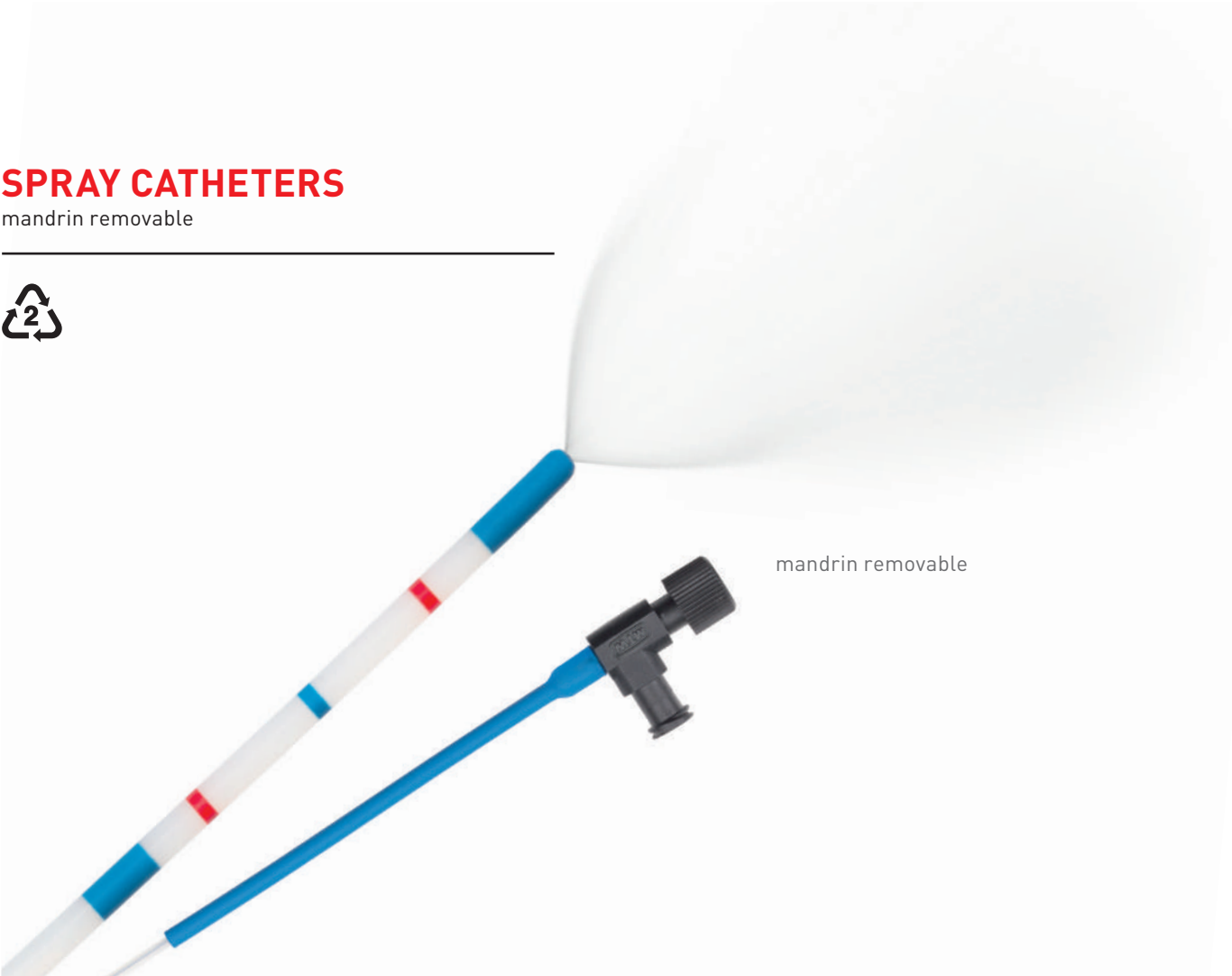


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
0131110	0131110	standard / with inside metal ring	2,3 > 1,8	215	0.035	1
0120211	0120211	filiform / with inside metal ring	2,3 > 1,6	215	0.025	1
0130211	0130211	filiform / with inside metal ring	2,3 > 1,8	215	0.035	1

Figure shows article REF 0120201, 0130101

SPRAY CATHETERS

mandrin removable



Order no.	Article no.	Diameter mm	Length cm	PU
110101210	110101210	1,8	120	1
0101310	0101310	2,3	215	1

Figure shows article REF 0101310

PAPILLOTOMES
CYSTOSTOME
ESD-KNIVES

COLOUR CODES AND SYMBOLS



— Disposable products



— Reusable products



— Single-lumen products



— Double-lumen products

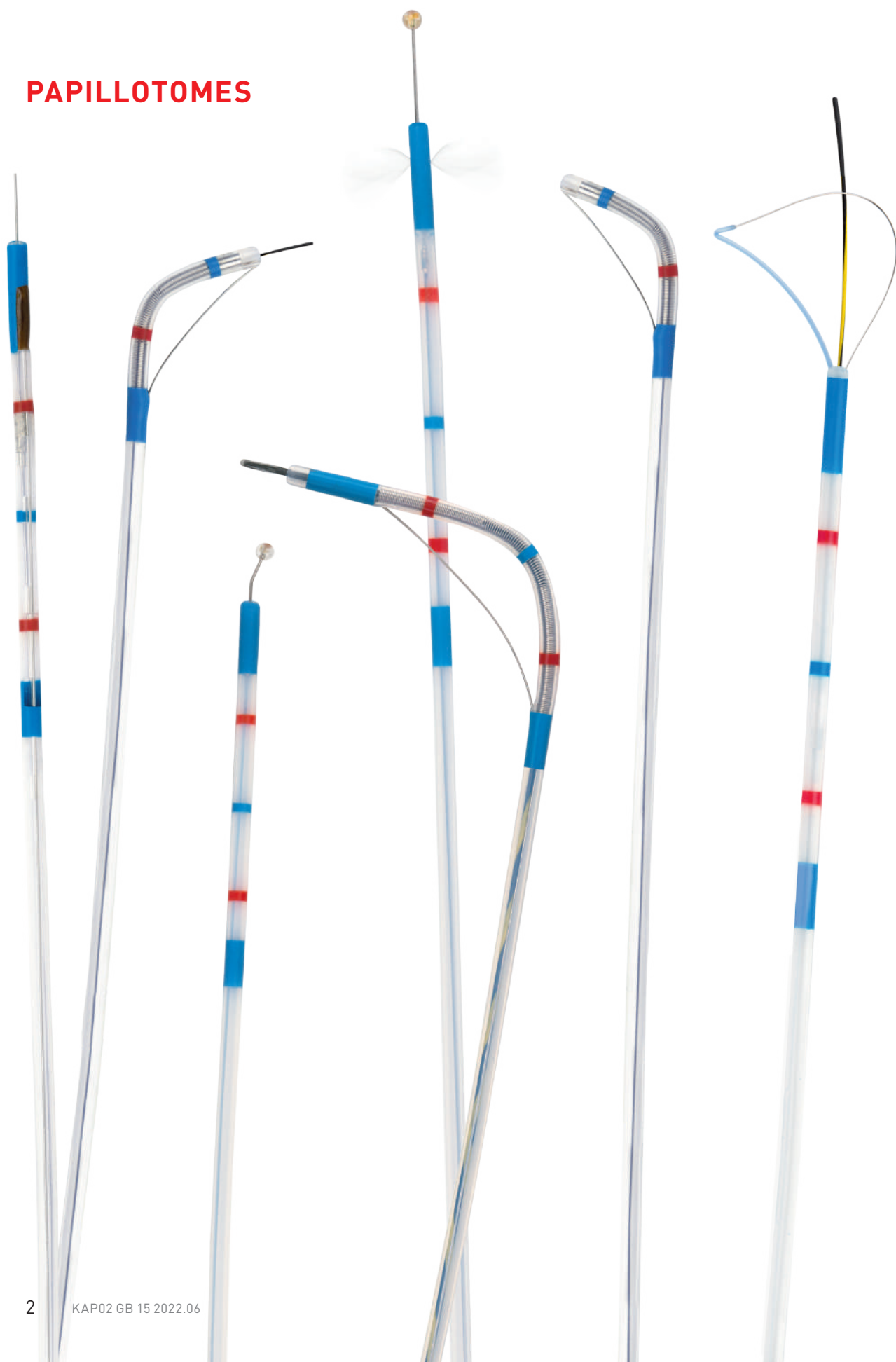


— Triple-lumen products



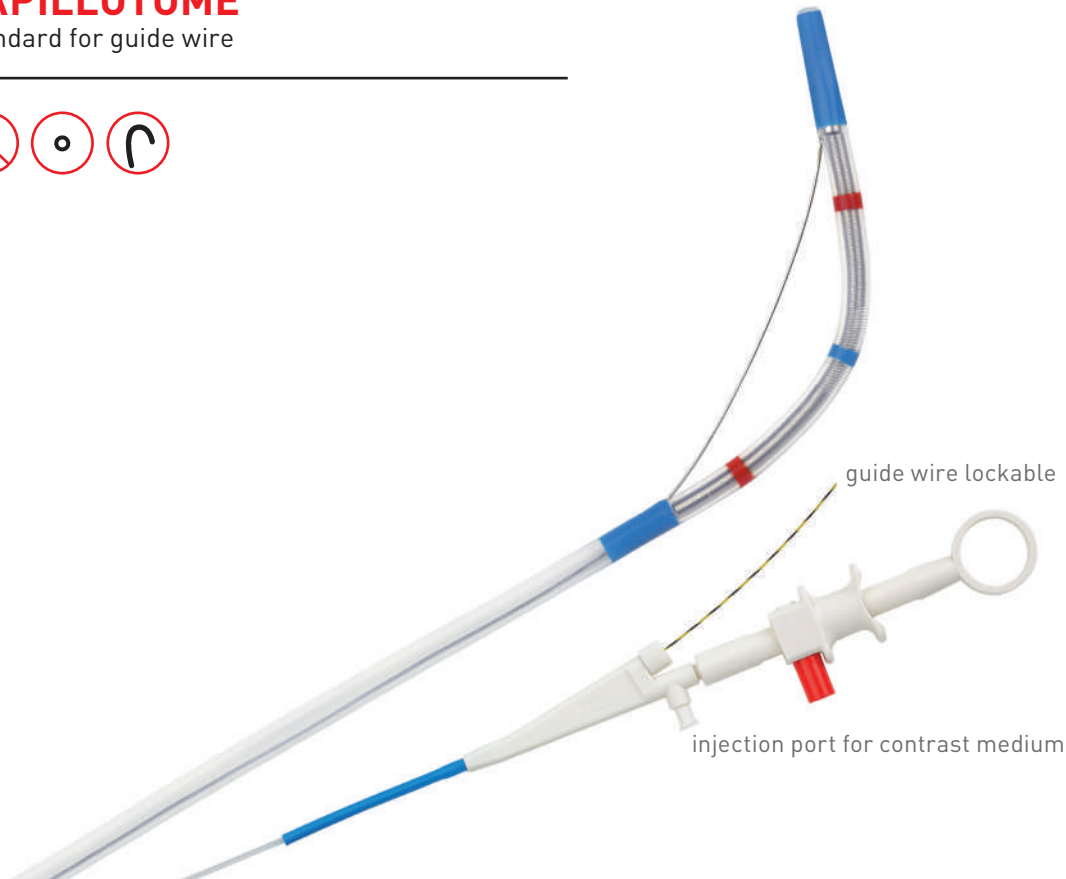
— Shape-stabilizer

PAPILLOTOMES



PAPILLOTOME

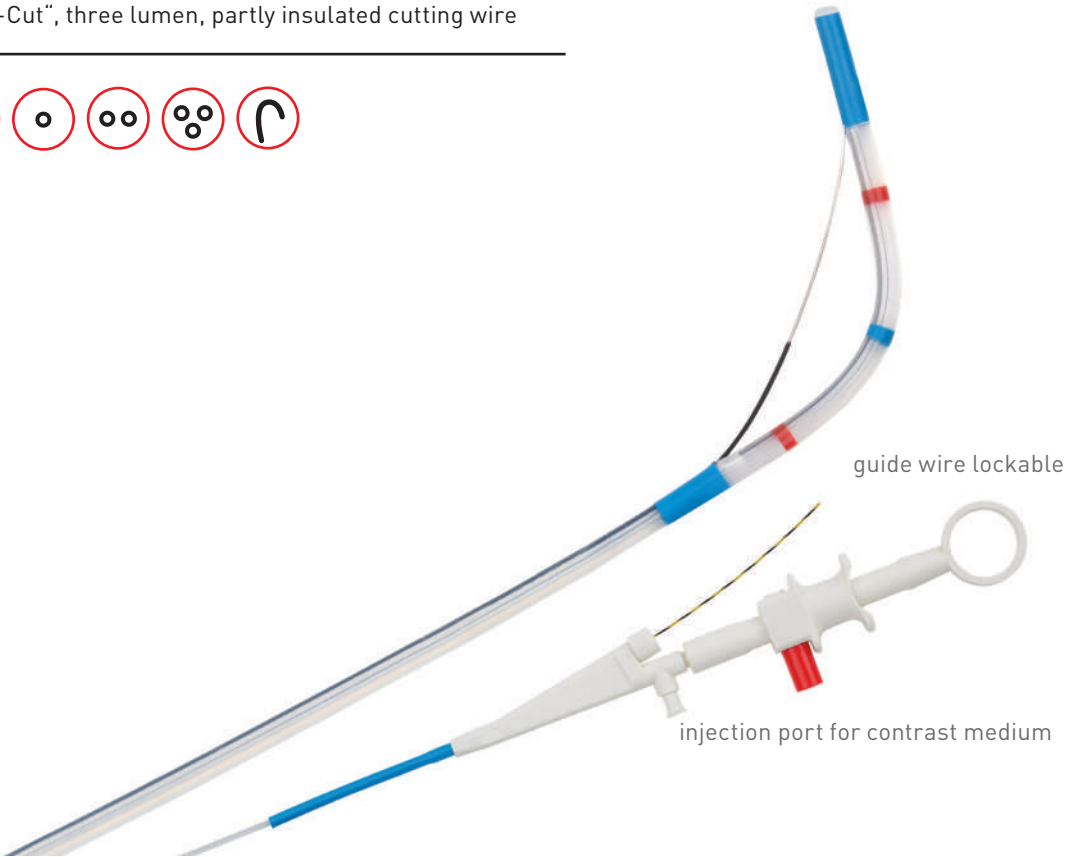
standard for guide wire



Order no.	Article no.	Special features	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99023031 x5	99023031	5 mm guiding tip	yes	0.035	30	2,3 > 1,8	215	5

PAPILLOTOME

"Safe-Cut", one lumen, partly insulated cutting wire
"Safe-Cut", double lumen, partly insulated cutting wire
"Safe-Cut", three lumen, partly insulated cutting wire

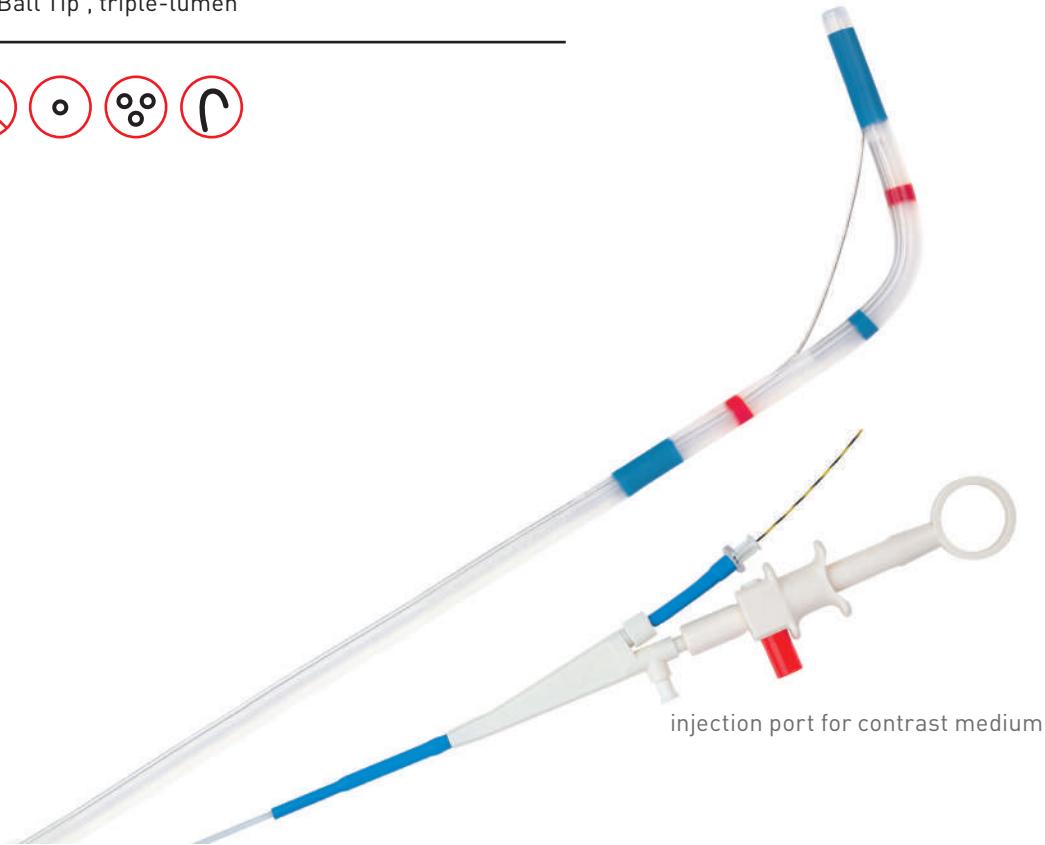


Order no.	Article no.	Special features	Lumen	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99028141 x5	99028141	7mm guiding tip		yes	0.035	30, partly insulated	2,3 > 1,8	215	5
99028241	99028241	8 mm guiding tip		yes	0.035	30, partly insulated	2,3 > 1,8	215	1
99028371 x5	99028371	3L Ball Tip, 3- lumen		yes	0.035	25, partly insulated	2,45 >1,95	215	5

Figure shows article REF 99028241

PAPILLOTOMES

"Ball Tip", single-lumen
"3L Ball Tip", triple-lumen



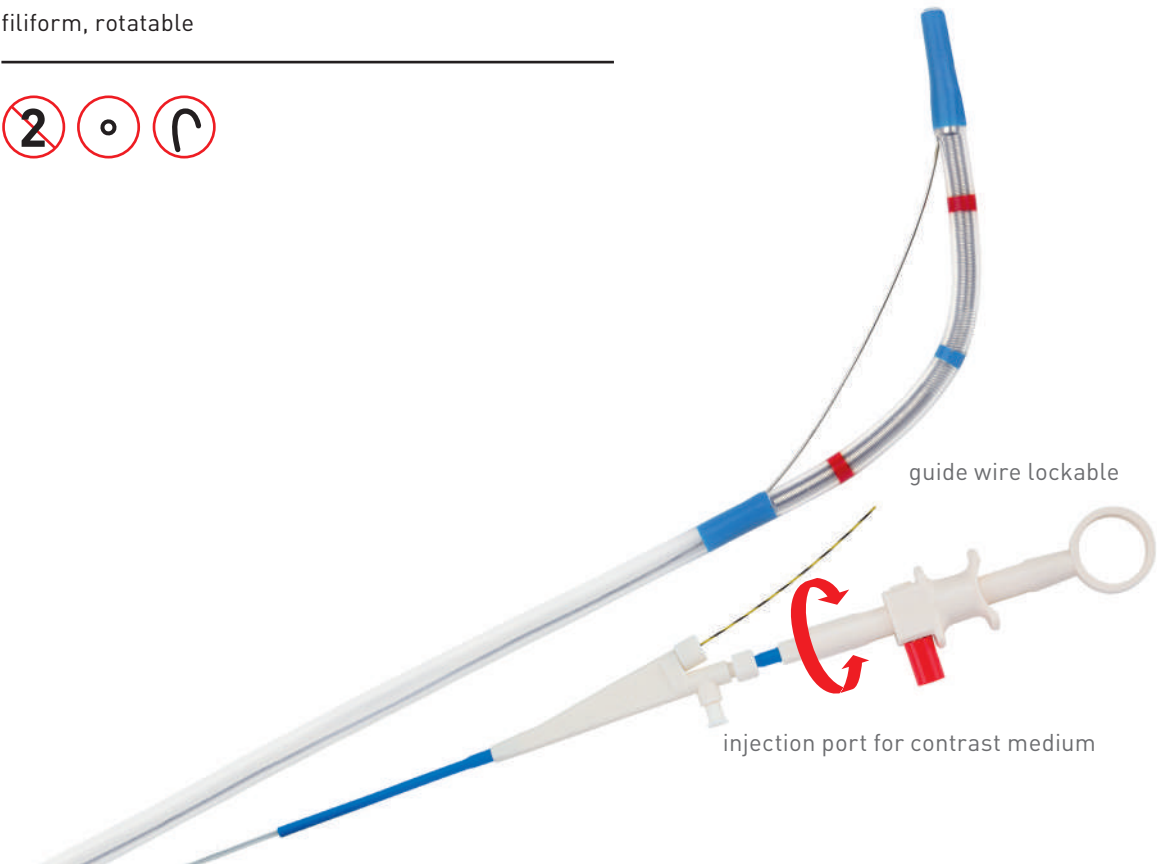
injection port for contrast medium

Order no.	Article no.	Special features	Lumen	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99023671 x5	99023671	7 mm rounded radiopaque tip single-lumen		yes	0.035	20	2,3 > 1,8	215	5
99023071 x5	99023071	7 mm rounded radiopaque tip single-lumen		yes	0.035	30	2,3 > 1,8	215	5
99023361 x5	99023361	8 mm rounded radiopaque tip triple-lumen		yes	0.035	20	2,45 > 1,95	215	5
99023371x5	99023371	8 mm rounded radiopaque tip triple-lumen		yes	0.035	25	2,45 > 1,95	215	5
99023381 x5	99023381	8 mm rounded radiopaque tip triple-lumen		yes	0.035	30	2,45 > 1,95	215	5

Figure shows article REF 99023381

PAPILLOTOMES

filiform, rotatable

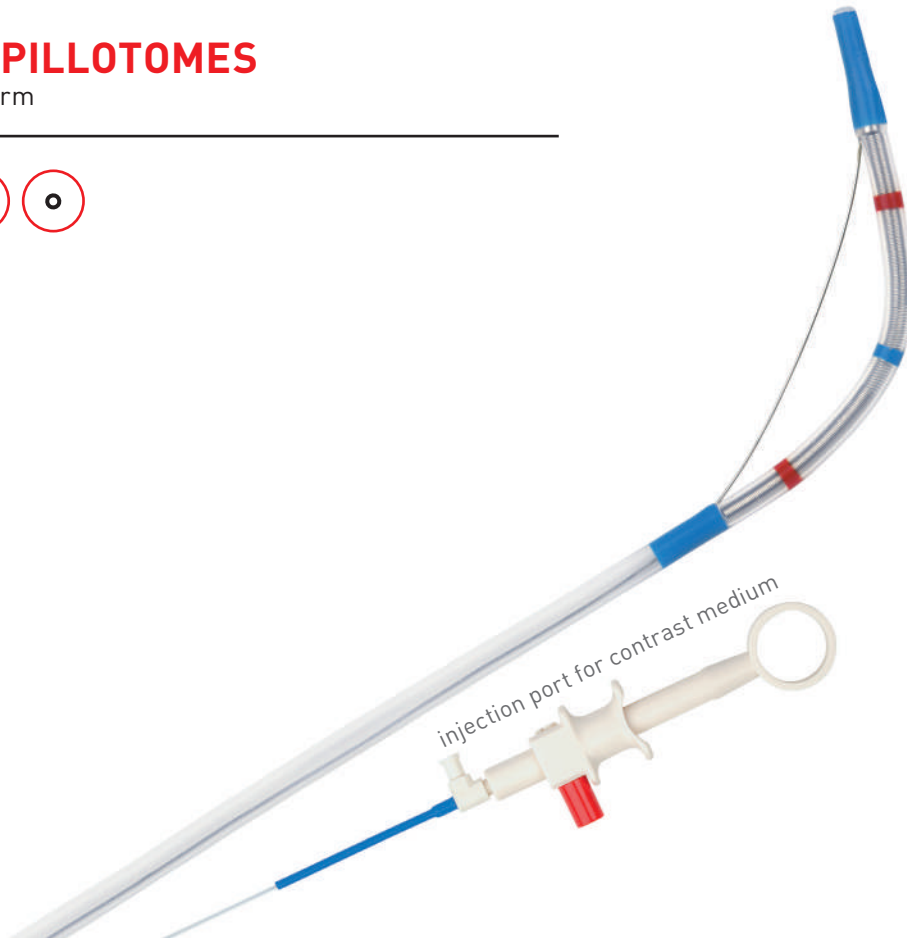


Order no.	Article no.	Special features	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99021651 x2	99021651*)	7 mm radiopaque tip	yes	0.018	20	1,6	215	2
99023681 x5	99023681	7 mm radiopaque tip	yes	0.035	20	2,3 > 1,8	215	5
99023081 x5	99023081	7 mm radiopaque tip	yes	0.035	30	2,3 > 1,8	215	5

Figure shows article REF 99023081
*) without shape-stabilizer

PAPILLOTOMES

filiform

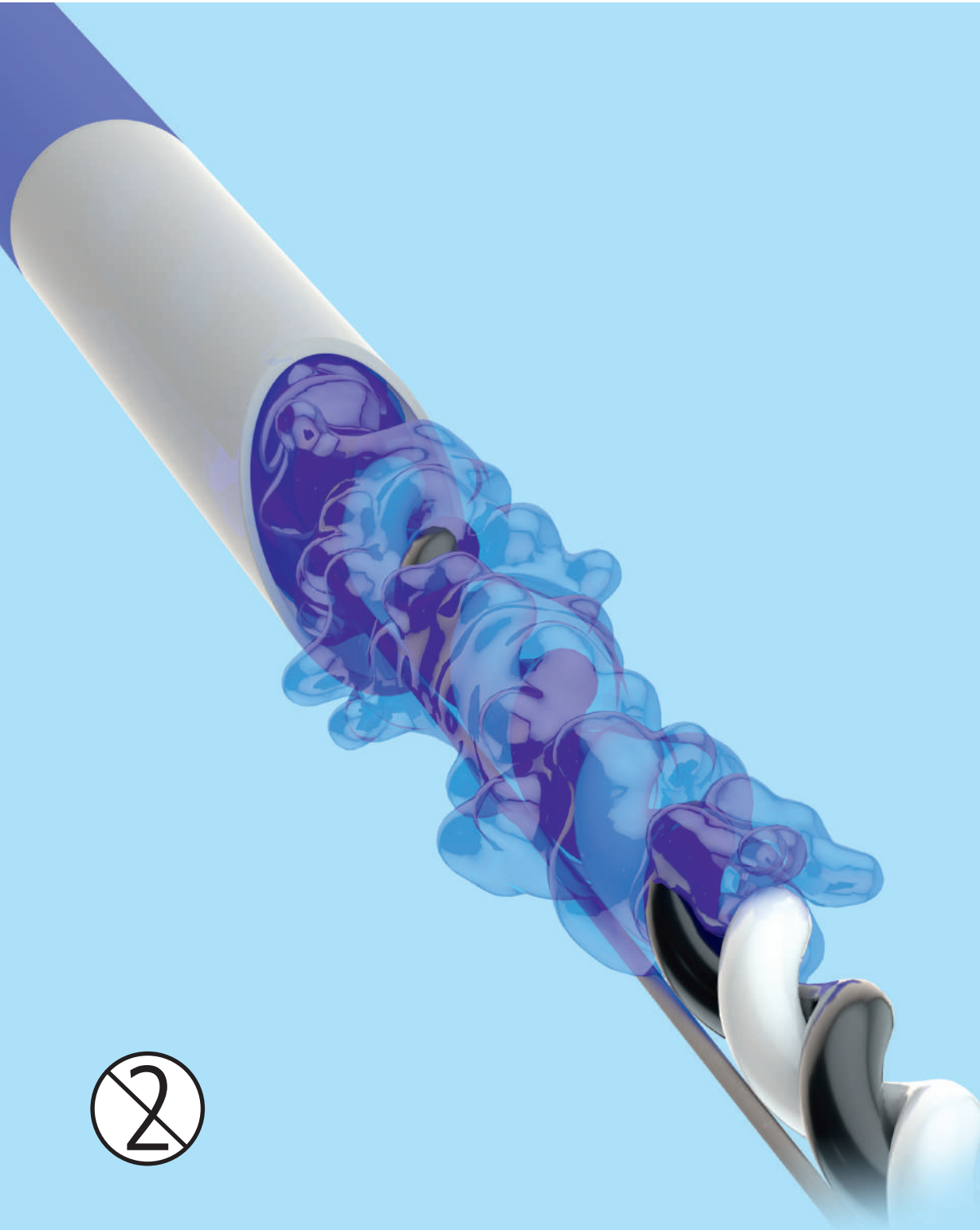


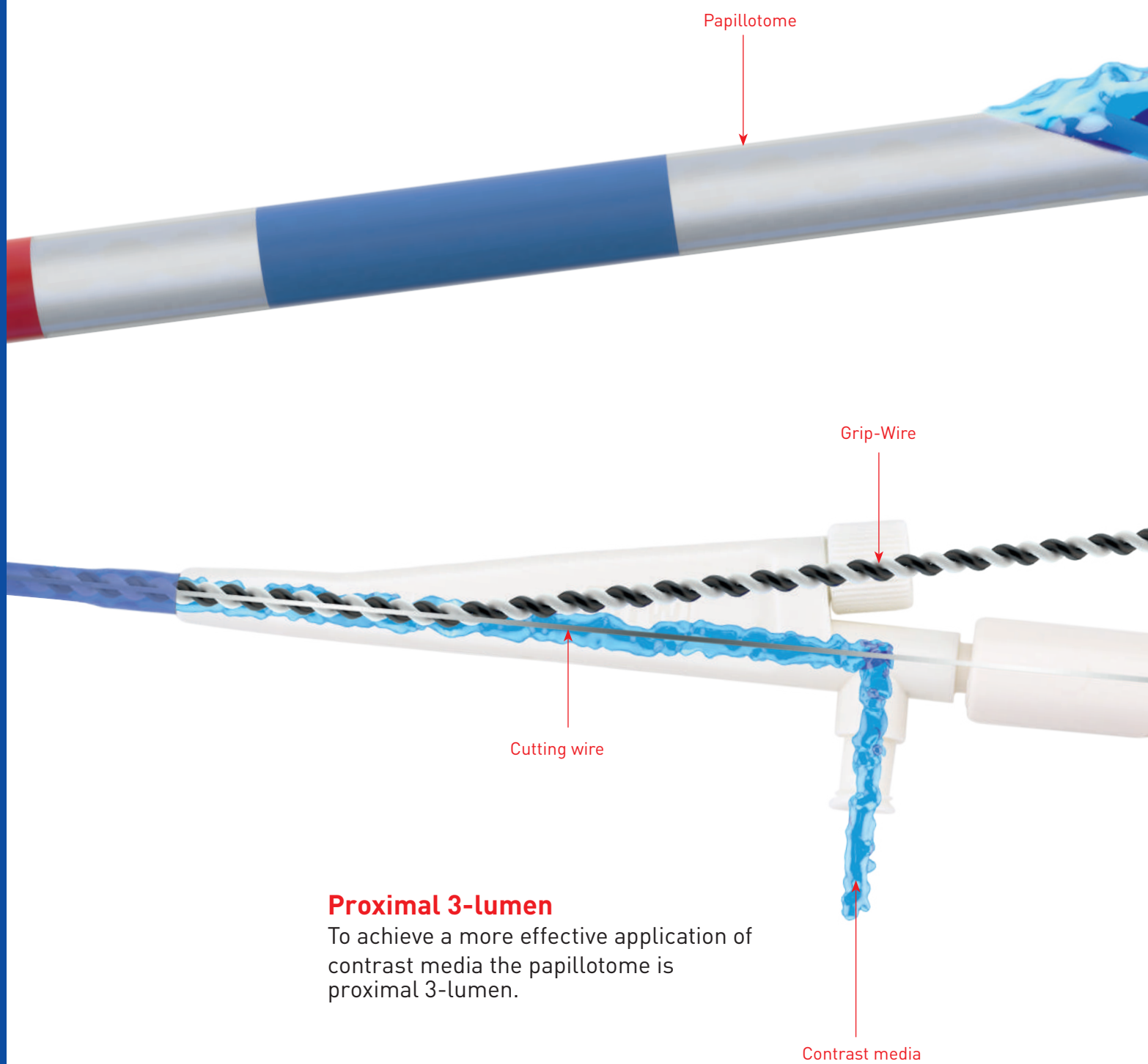
Order no.	Article no.	Special features	Cutting length mm	Diameter mm	Length cm	PU
99020051 x5	99020051	7 mm radiopaque tip	30	1,6	215	5
9913020051	9913020051	7 mm radiopaque tip	30	1,6	250	1

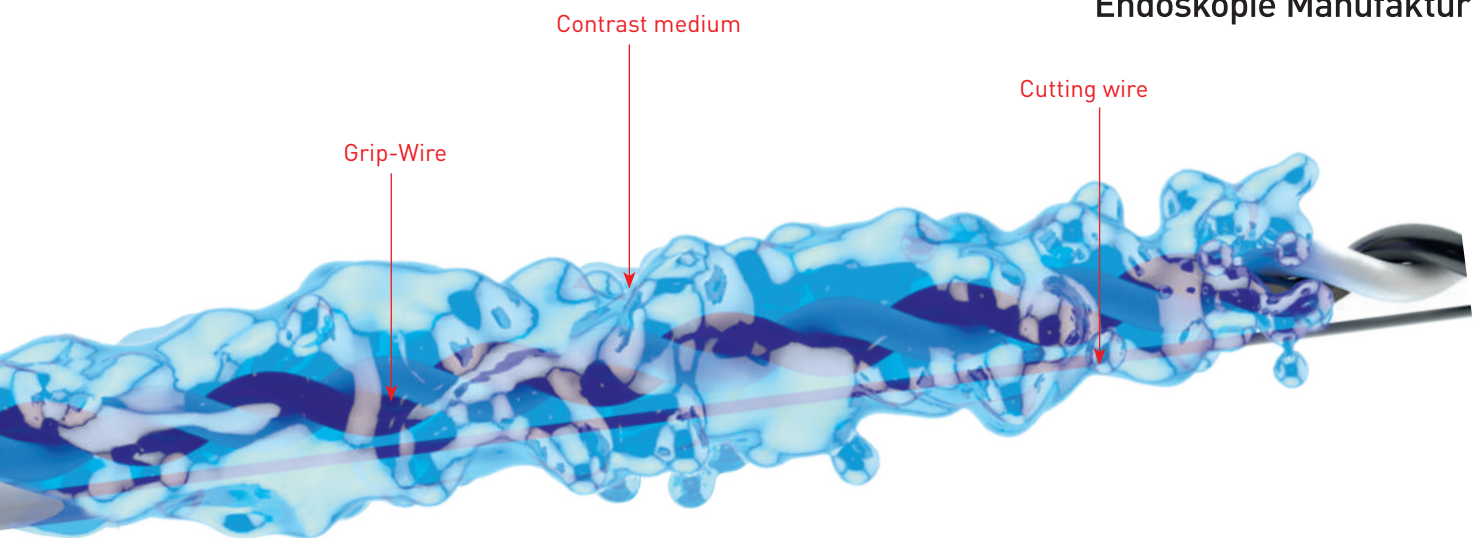
Figure shows article REF 99020051

Liquid Tip Papillotome

proximal 3-lumen and distal 1-lumen, filiform, for Guide Wire







Distal 1-lumen

To achieve a more effective application of contrast media the papillotome is distal 1-lumen.



For the assessment of administration of contrast medium the 3-lumen and the 1-lumen Papillotome in comparison.

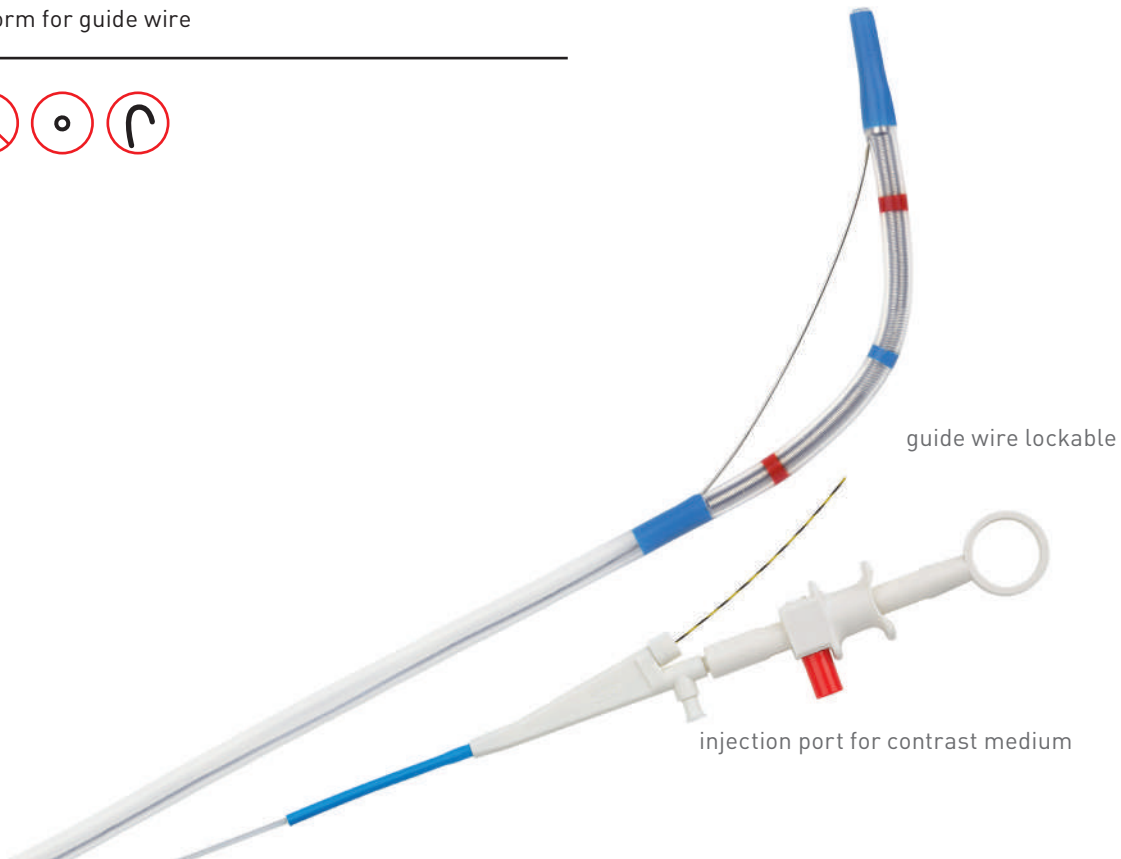
Papillotome,
distal 3-lumen
proximal 3-lumen

Papillotome,
distal 1-lumen
proximal 3-lumen

Contrast medium channel

PAPILLOTOMES

filiform for guide wire

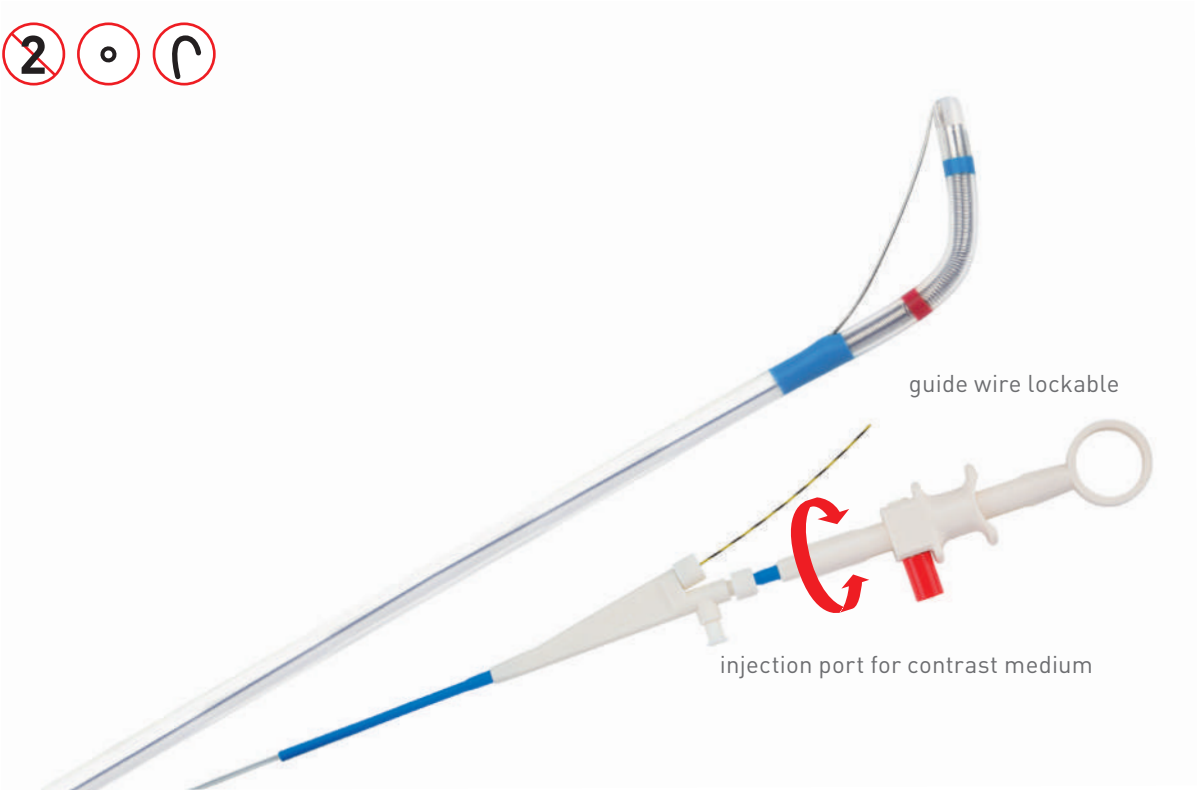


Order no.	Article no.	Special features	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99023651 x5	99023651	7 mm radiopaque tip	yes	0.035	20	2,3 > 1,8	215	5
99023051 x5	99023051	7 mm radiopaque tip	yes	0.035	30	2,3 > 1,8	215	5
9913023051	9913023051	7 mm radiopaque tip	yes	0.035	30	2,3 > 1,8	250	1

Figure shows article REF 99023051

PAPILLOTOME

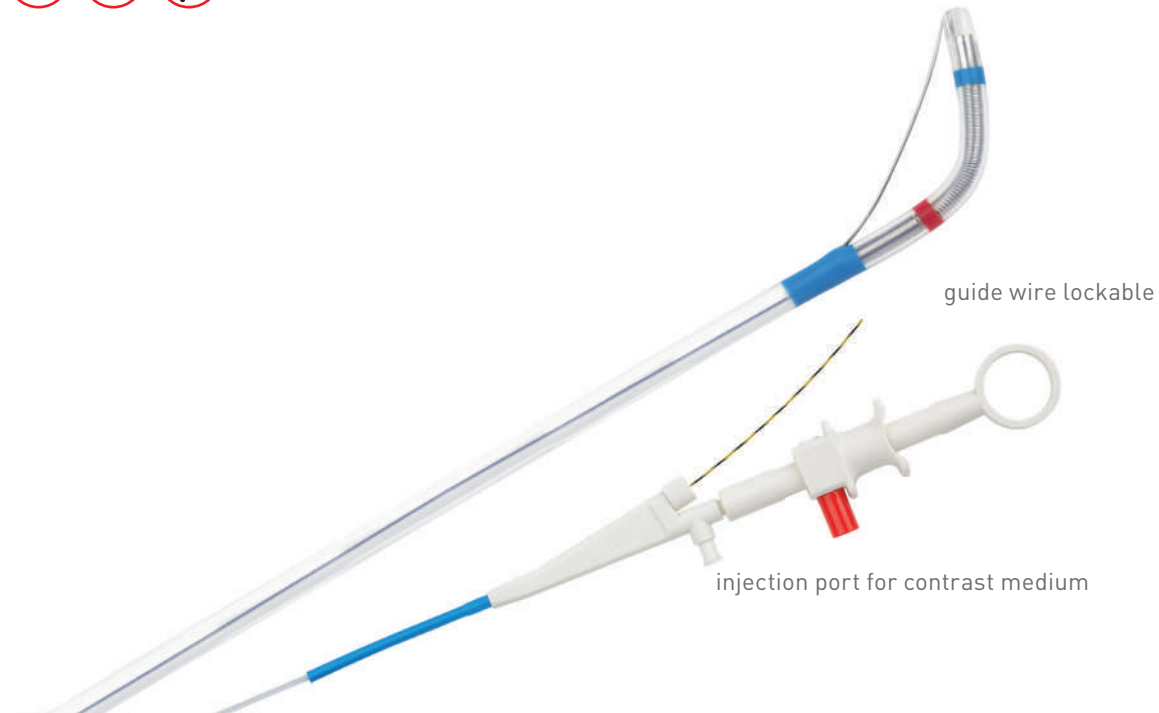
precut, rotatable



Order no.	Article no.	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99023091 x5	99023091	yes	0.035	20	2,3 > 1,8	215	5

PAPILLOTOME

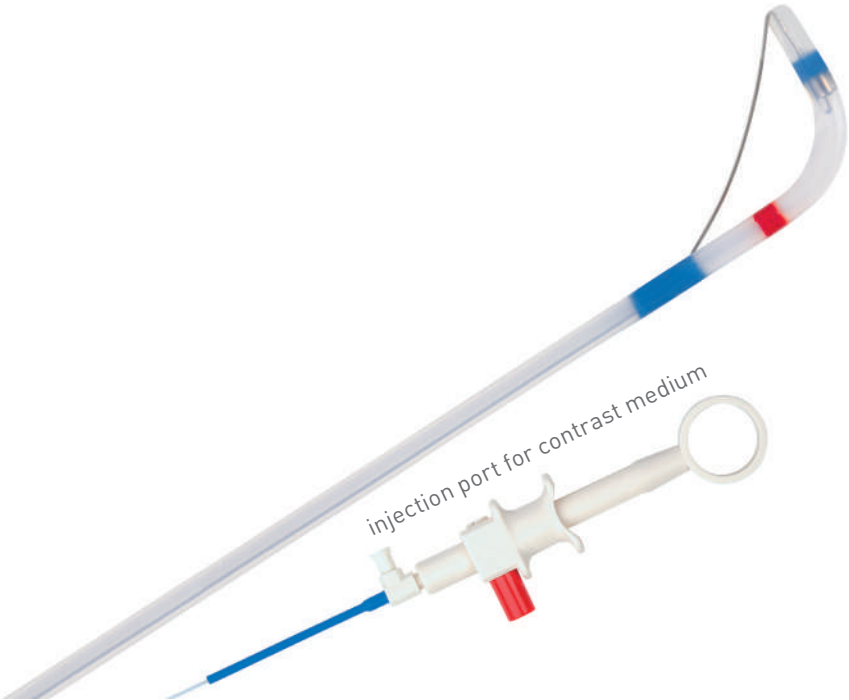
precut, for guide wire



Order no.	Article no.	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99023011 x5	99023011	yes	0.035	20	2,3 > 1,8	215	5

PAPILLOTOME

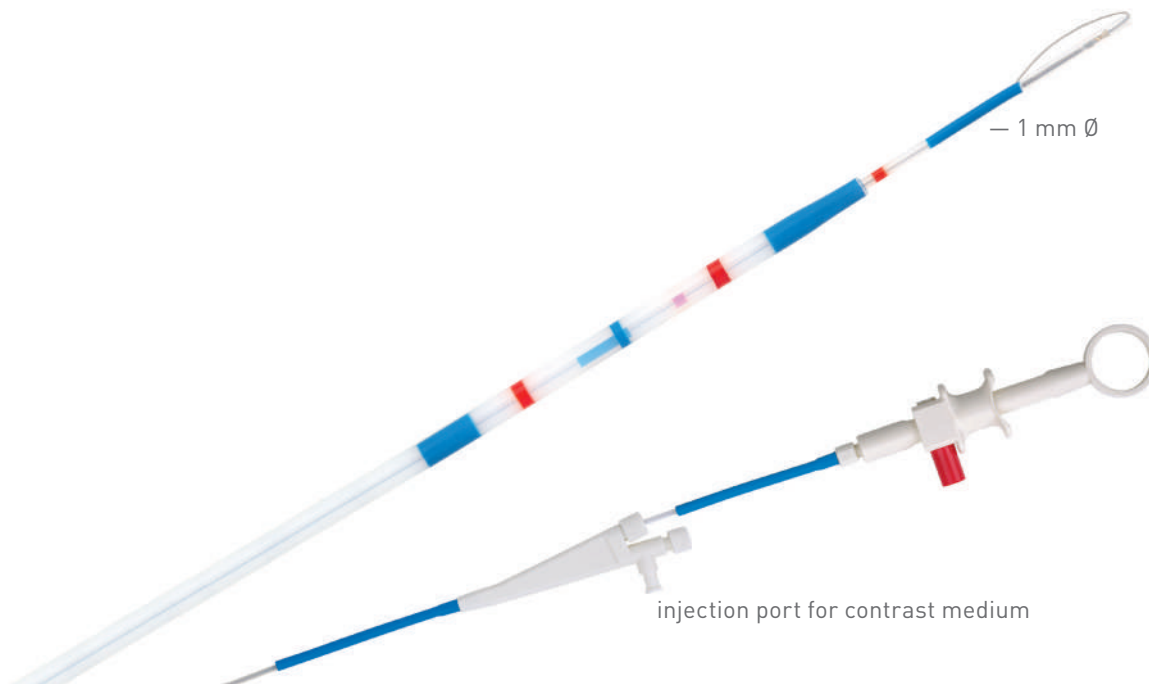
precut



Order no.	Article no.	Cutting length mm	Diameter mm	Length cm	PU
99020011 x5	99020011	20	1,6	215	5

PAPILLOTOMES “EASY-CUT-SET”

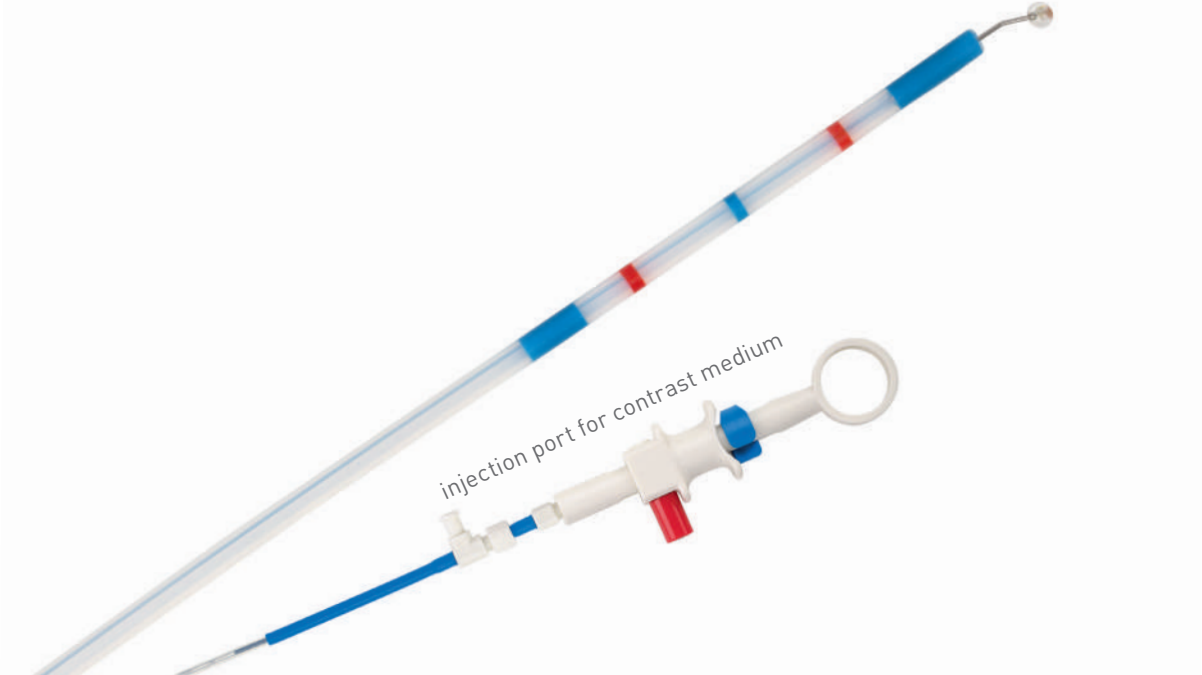
- “Easy-Cut-Set”, papillotome, precut, in filiform catheter



Order no.	Article no.	Papillotome type	Feather strengthened	Cutting length mm	Papillotome Ø mm	ERCP-Catheter with filiform tip	ERCP-Catheter Ø mm	Length cm	PU
99020331	99020331	precut	yes	10	1	straight, transparent with ring marking	2,3	230	1

PAPILLOTOME

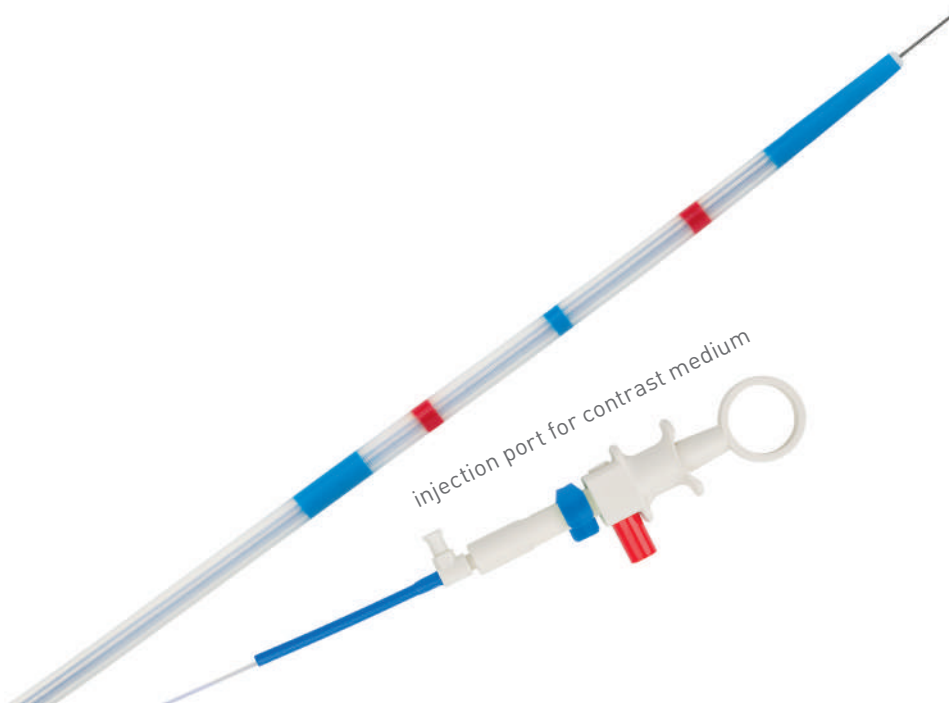
"Angulotome"



Order no.	Article no.	Diameter of cutting wire mm	Length of cutting wire mm	Diameter mm	Length cm	PU
99028271	99028271	0,6	5	2,3	215	1

PAPILLOTOMES

needle

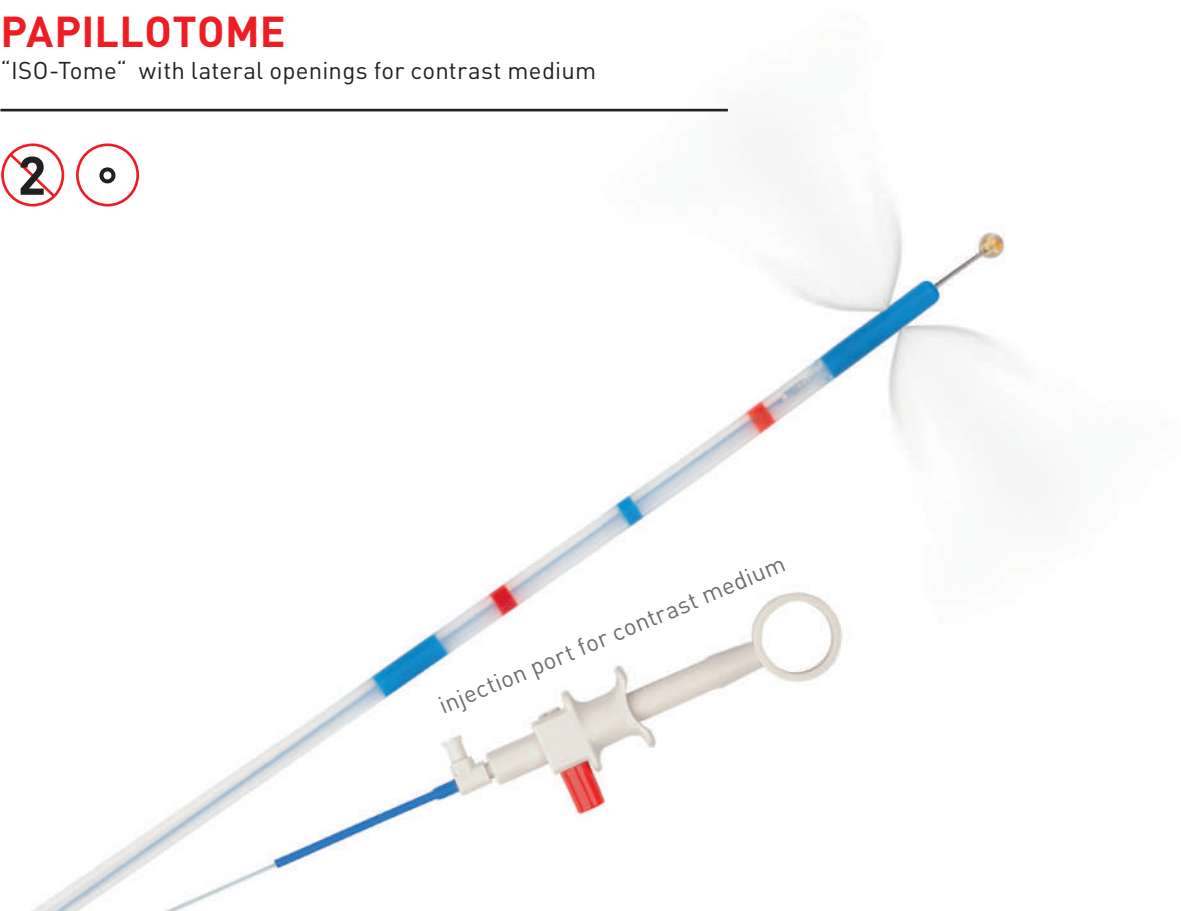


Order no.	Article no.	Cutting length mm	Diameter mm	Length cm	PU
99020111 x5	99020111	4	1,6	215	5
99020121 x5	99020121	6	1,6	215	5

Figure shows article REF 99020121

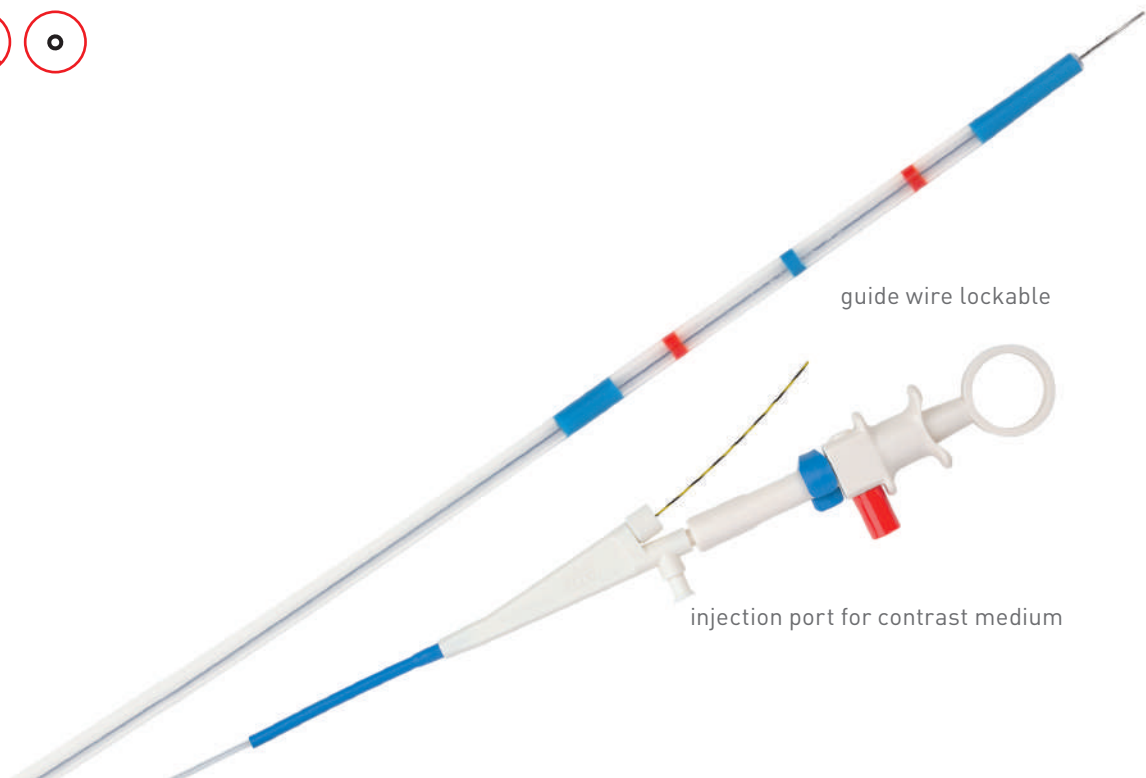
PAPILLOTOME

“ISO-Tome” with lateral openings for contrast medium



Order no.	Article no.	Cutting length mm	Diameter mm	Length cm	PU
99021281	99021281	10	1,6	195	1

HF-NEEDLES & HF-KNIFE



guide wire lockable

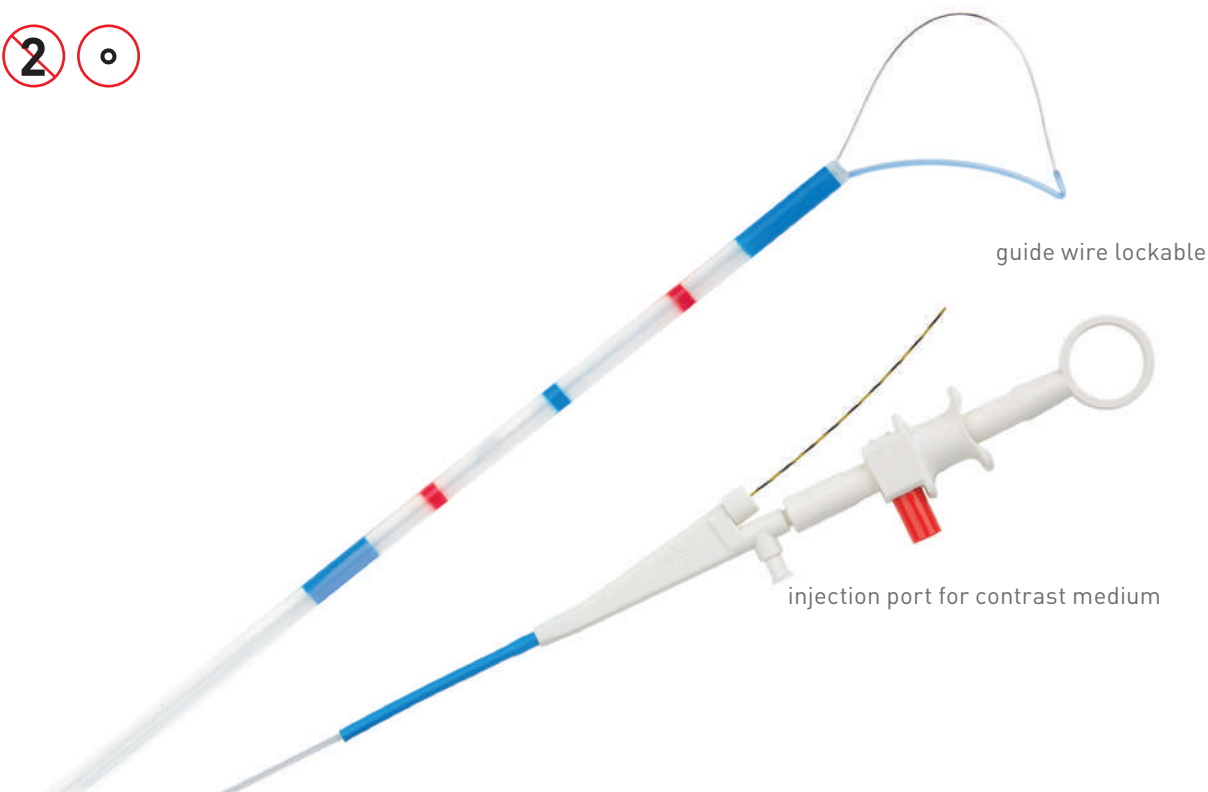
injection port for contrast medium

Order no.	Article no.	Papillotome type	Cutting length mm	For guide wire inch	Diameter mm	Length cm	PU
99023121 x5	99023121	needle	6	0.035	2,3 > 1,8	215	5
9913023121	9913023121	needle	6	0.035	2,3 > 1,8	250	1
99023131 x5	99023131	knife	6	0.035	2,3 > 1,8	215	5

Figure shows article REF 99023121

PAPILLOTOMES

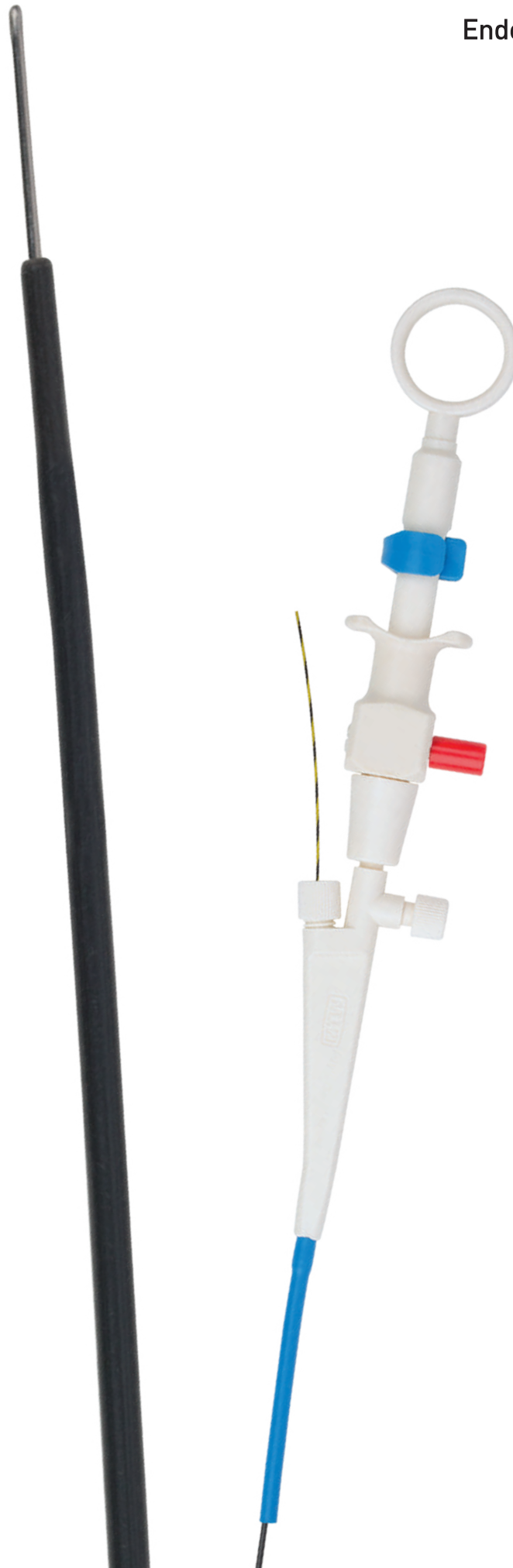
for B-II-stomach



Order no.	Article no.	For guide wire inch	Maximum cutting arc mm	Diameter mm	Length cm	PU
99023161 x5	99023161	0.035	20	2,3	215	5
9913023161	9913023161	0.035	20	2,3	250	1

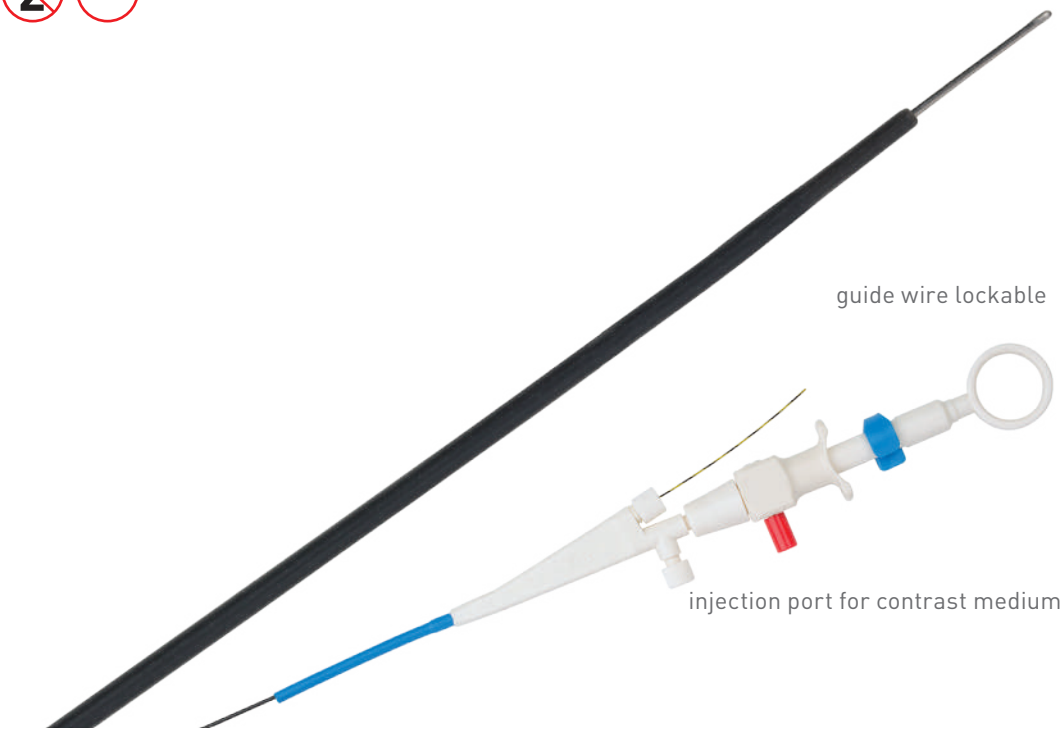
Figure shows article REF 99023161

CYSTOSTOME



CYSTOSTOME

filiform



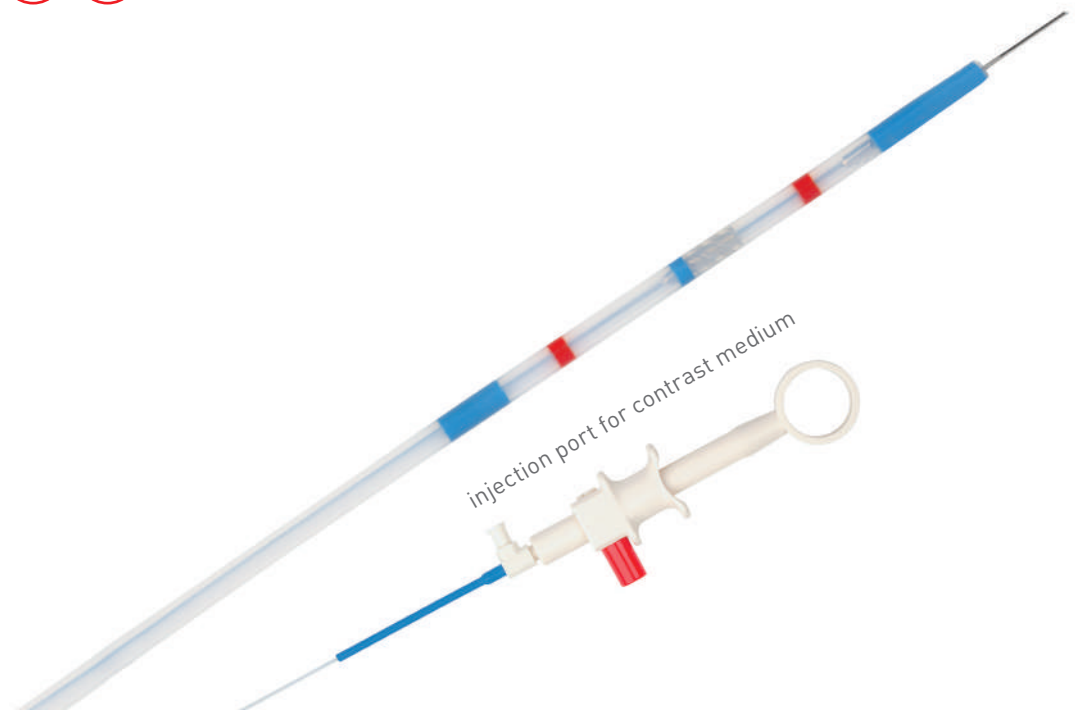
Order no.	Article no.	Needle diameter mm	Needle length mm	For guide wire inch	Diameter mm	Length cm	PU
99023892 x2	99023892	0,6	10	0.035	1,7	200	2

ESD-KNIVES



ESD-KNIVES

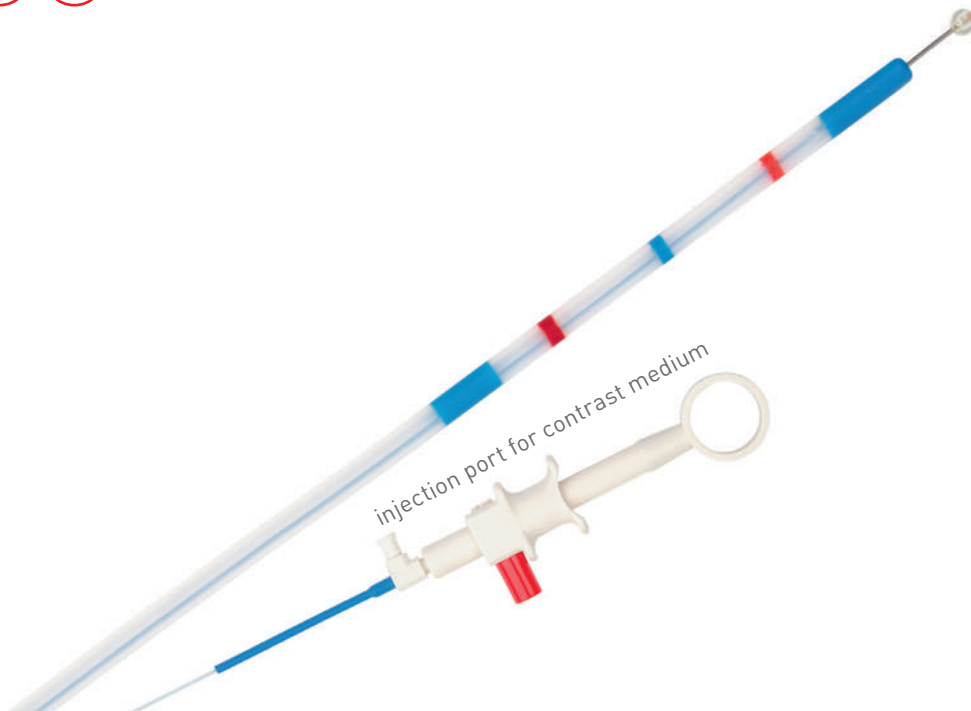
type "a" (needle),



Order no.	Article no.	Needle diameter mm	Needle length mm	Diameter mm	Length cm	PU
99020211	99020211	0,4	6	1,6	185	1

ESD-KNIFE

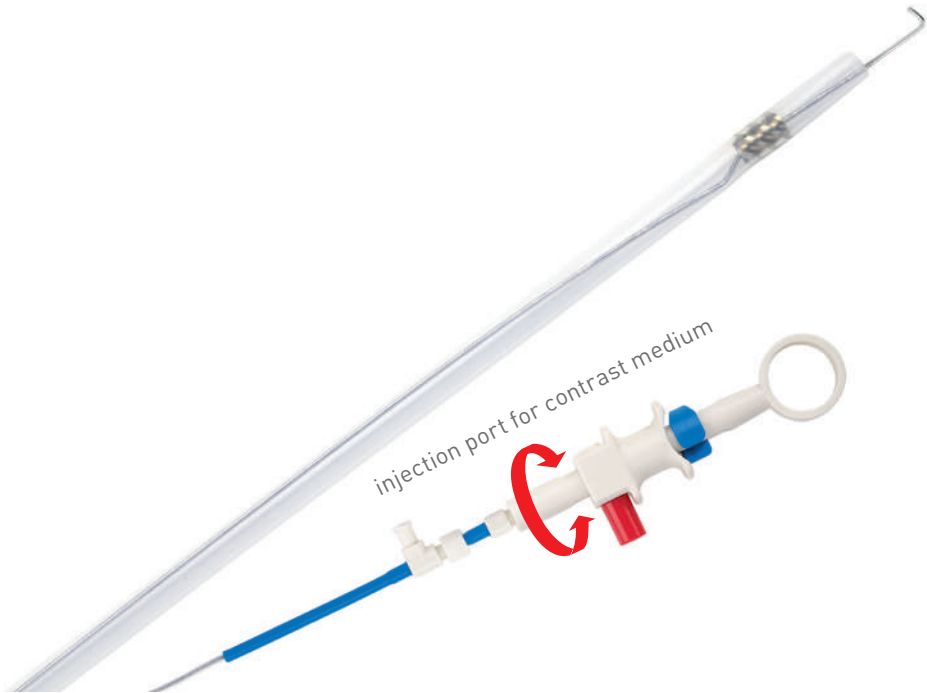
type "b" (ball)



Order no.	Article no.	Needle diameter mm	Ball diameter mm	Needle length mm	Diameter mm	Length cm	PU
99020271	99020271	0,4	2,3	5	2,3	185	1

ESD-KNIFE

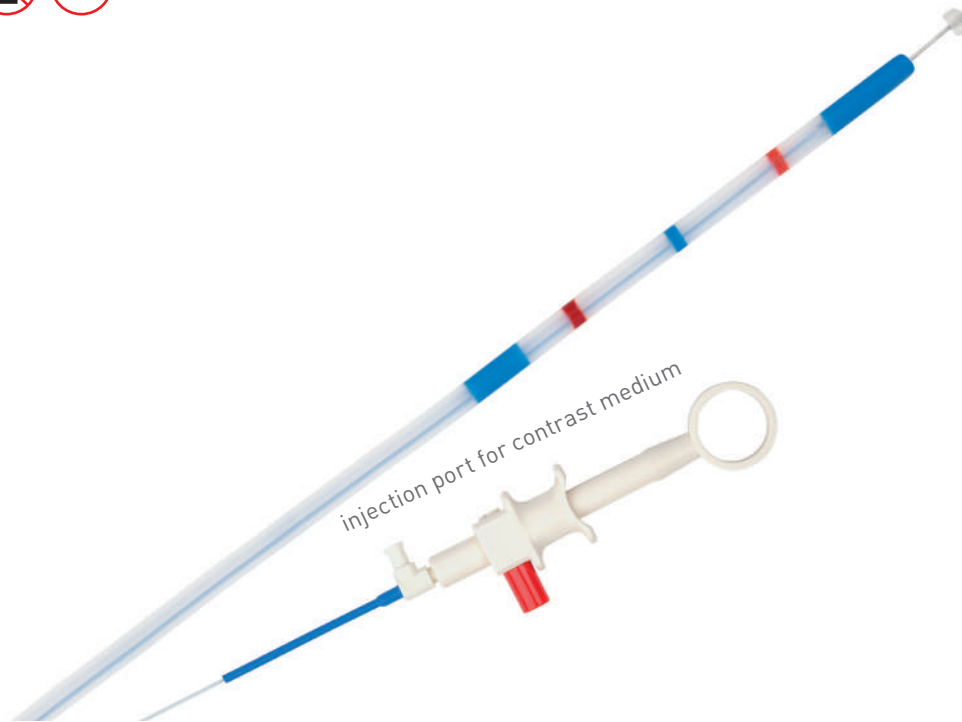
type "c" (hook)



Order no.	Article no.	Needle diameter mm	Hook length mm	Needle length mm	Diameter mm	Length cm	PU
99020281	99020281	0,4	2	5	2,6	185	1

ESD-KNIFE

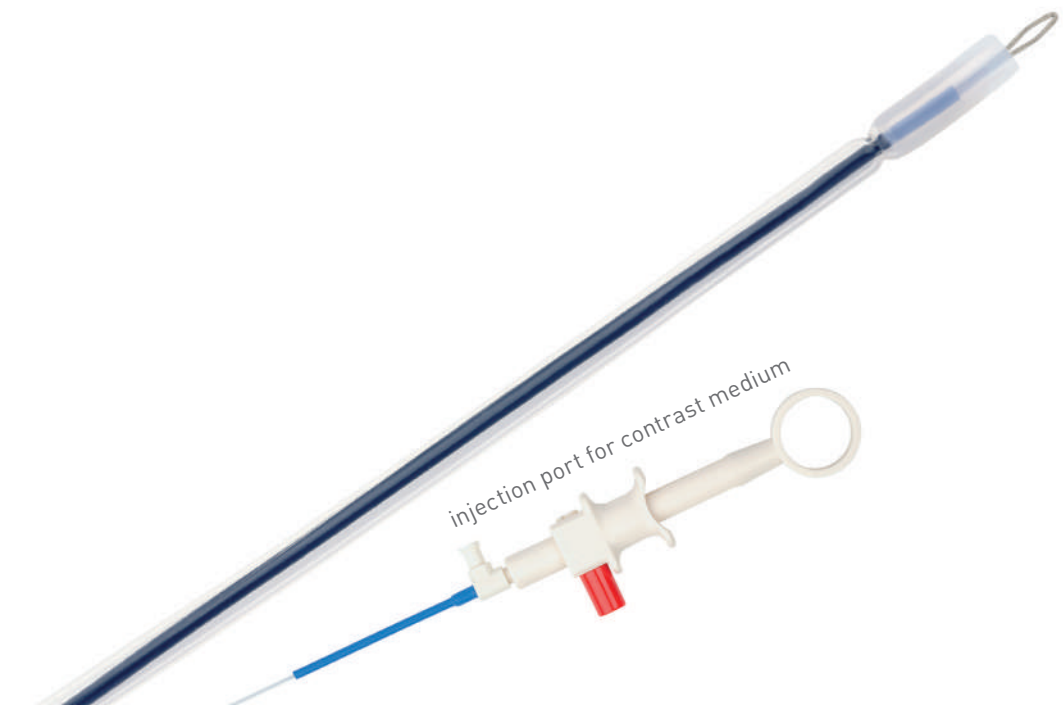
type "e" (hemisphere)



Order no.	Article no.	Needle diameter mm	Hemisphere diameter mm	Needle length mm	Diameter mm	Length cm	PU
99022281	99022281	0,4	2,3	5	2,3	185	1

ESD-KNIFE

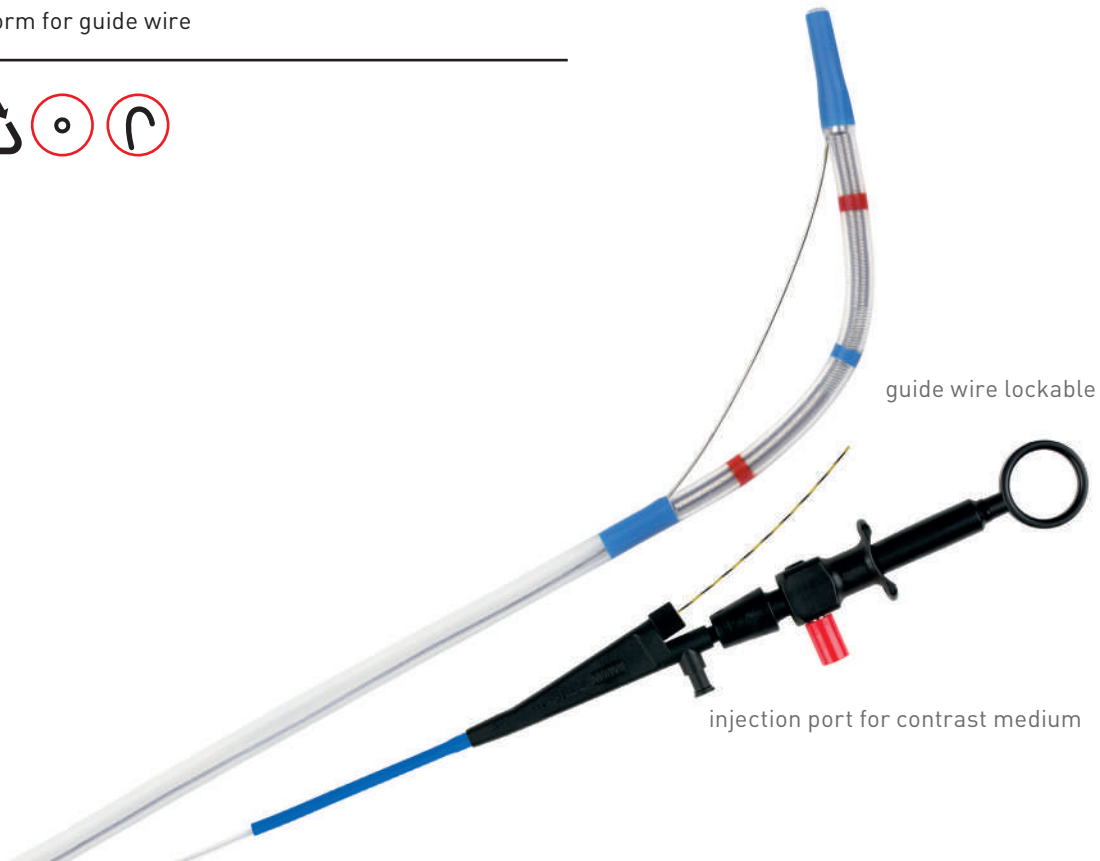
type "f" (flexible tip)



Order no.	Article no.	Special features	Wire diameter mm	Wire length mm	Diameter mm	Length cm	PU
99020511	99020511	sheath tip strengthened	0,25	variable	1,8 > 2,3	185	1

PAPILLOTOMES

filiform for guide wire



Order no.	Article no.	Special features	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
023051	023051	7 mm radiopaque tip	yes	0.035	30	2,3 > 1,8	215	1

PAPILLOTOMES

needle



Order no.	Article no.	Papillotome type	Cutting length mm	Diameter mm	Length cm	PU
020121	020121	needle	6	1,6	215	1

COLOUR CODES AND SYMBOLS



— Disposable products



— Reusable products

LITHOTOMY BASKETS
LITHOTRIPTOR (SET)
BALLOON CATHETERS

03

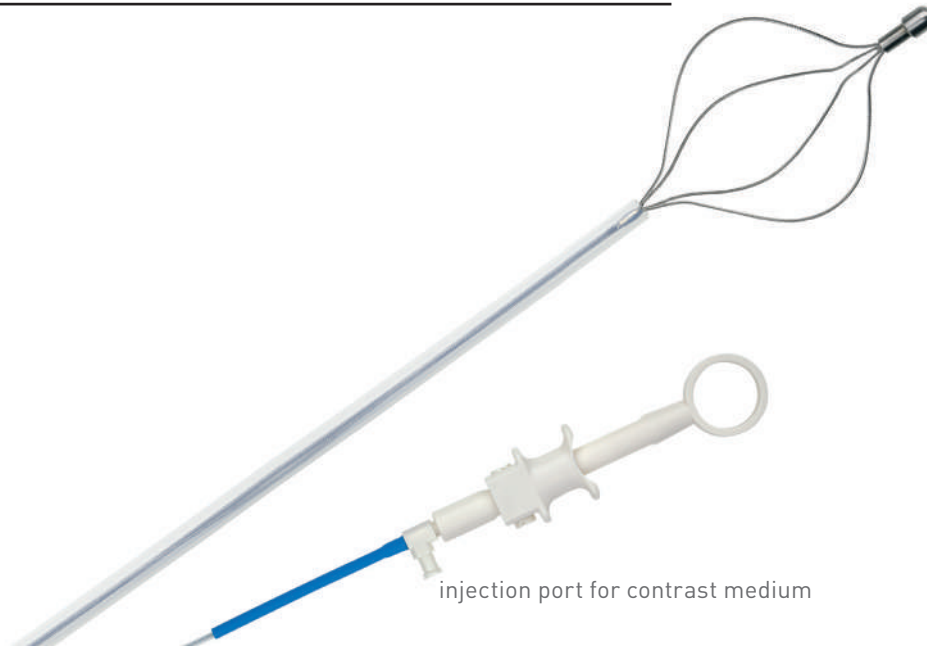
BASKETS



LITHOTOMY BASKETS “EASY-CATCH”

4 wires, twisted with nozzle for contrast medium, suitable for lithotripsy

2



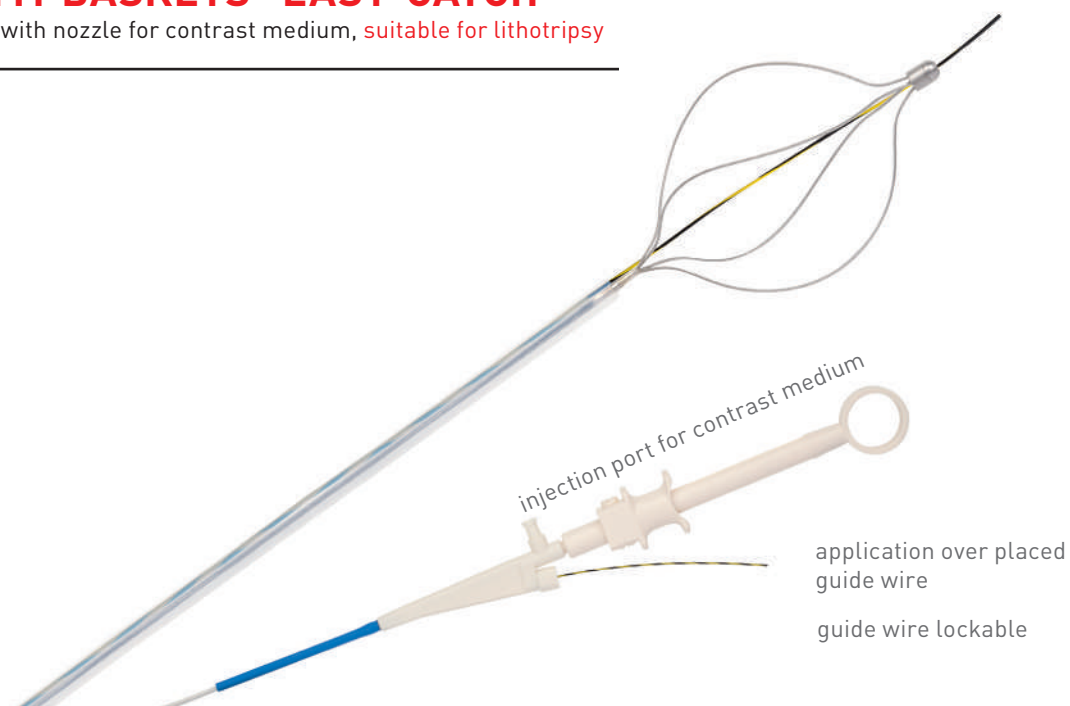
Order no.	Article no.	Basket expanded dimension mm		Basket type	Diameter mm	Length cm	PU
		Opening width	Opening length				
9903103404 x5	9903103404	20	30	slightly turned	2,6	215	5
9903103504 x5	9903103504	25	40	slightly turned	2,6	215	5
9903103604 x5	9903103604	30	45	slightly turned	2,6	215	5
9903103704 x5	9903103704	40	55	slightly turned	2,6	215	5
9903103804 x5	9903103804	45	60	slightly turned	2,6	215	5
9913031024 x2	9913031024	20	30	slightly turned	1,8	250	2
9913031034 x2	9913031034	20	30	slightly turned	2,3	250	2
9913031036 x2	9913031036	30	45	slightly turned	2,3	250	2

Figure shows article REF 9903103604

LITHOTOMY BASKETS “EASY-CATCH”

4 wires, twisted with nozzle for contrast medium, suitable for lithotripsy

2



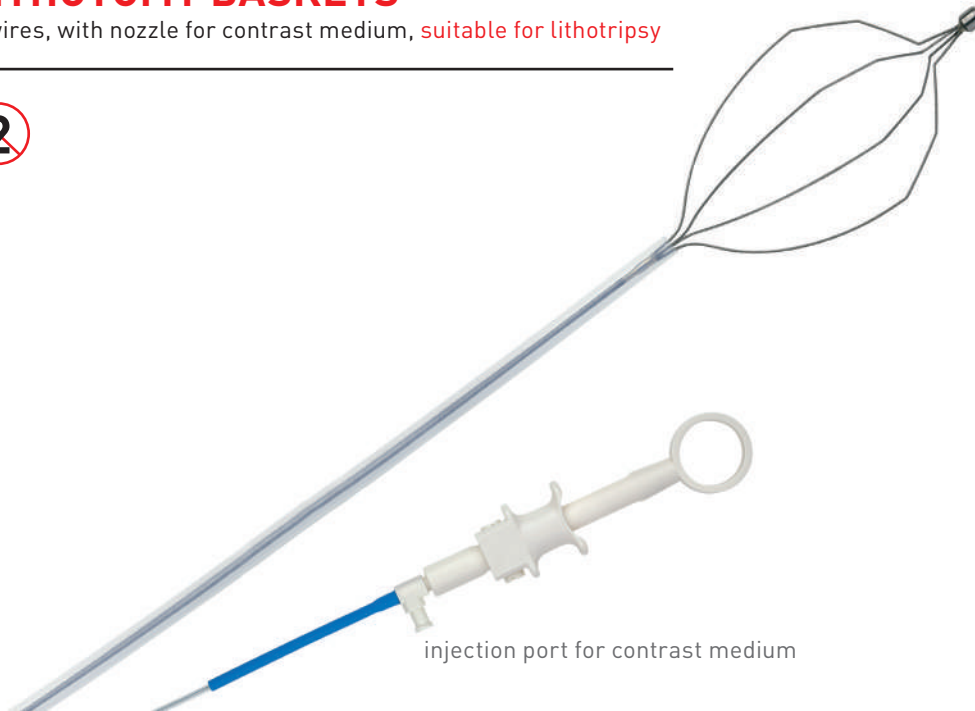
Order no.	Article no.	Basket expanded dimension mm		Basket type	For guide wire inch	Diameter mm	Length cm	PU
		Opening width	Opening length					
9903102324 x2	9903102324	15	25	slightly turned	0.025	1,8	215	2
9903102424 x2	9903102424	20	30	slightly turned	0.025	1,8	215	2
9903104433 x2	9903104433	20	30	slightly turned	0.035	2,6	215	2
9903104533 x2	9903104533	25	40	slightly turned	0.035	2,6	215	2
9903104633 x2	9903104633	30	45	slightly turned	0.035	2,6	215	2
9903104733 x2	9903104733	40	55	slightly turned	0.035	2,6	215	2

Figure shows article REF 9903104633

LITHOTOMY BASKETS

4 wires, with nozzle for contrast medium, suitable for lithotripsy

2



injection port for contrast medium

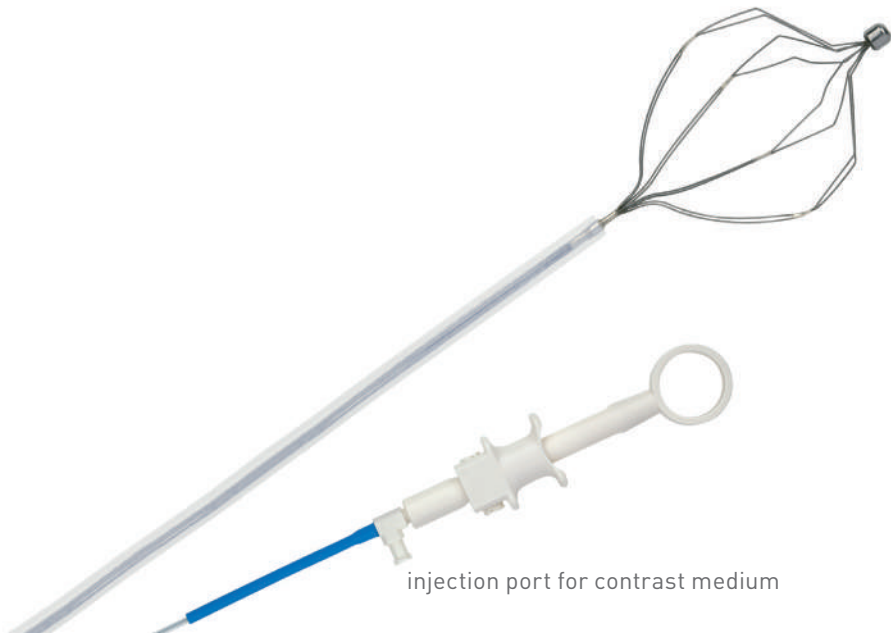
Order no.	Article no.	Basket expanded dimension mm		Basket type	Diameter mm	Length cm	PU
		Opening width	Opening length				
9903112104 x5	9903112104	10	20	straight	1,8	215	5
9903112304 x5	9903112304	15	25	straight	1,8	215	5
9903112404 x5	9903112404	20	30	straight	1,8	215	5
9903112504 x5	9903112504	25	40	straight	1,8	215	5
9903112604 x5	9903112604	30	45	straight	1,8	215	5
9903112704 x5	9903112704	40	55	straight	1,8	215	5
9903112804 x5	9903112804	45	60	straight	1,8	215	5
9903113104 x5	9903113104	10	20	straight	2,6	215	5
9903113304 x5	9903113304	15	25	straight	2,6	215	5
9903113404 x5	9903113404	20	30	straight	2,6	215	5
9903113504 x5	9903113504	25	40	straight	2,6	215	5
9903113604 x5	9903113604	30	45	straight	2,6	215	5
9903113704 x5	9903113704	40	55	straight	2,6	215	5
9903113804 x5	9903113804	45	60	straight	2,6	215	5

Figure shows article REF 9903113604

LITHOTOMY BASKET

4 to 8 wires, twisted with nozzle for contrast medium, **not** suitable for lithotripsy

2



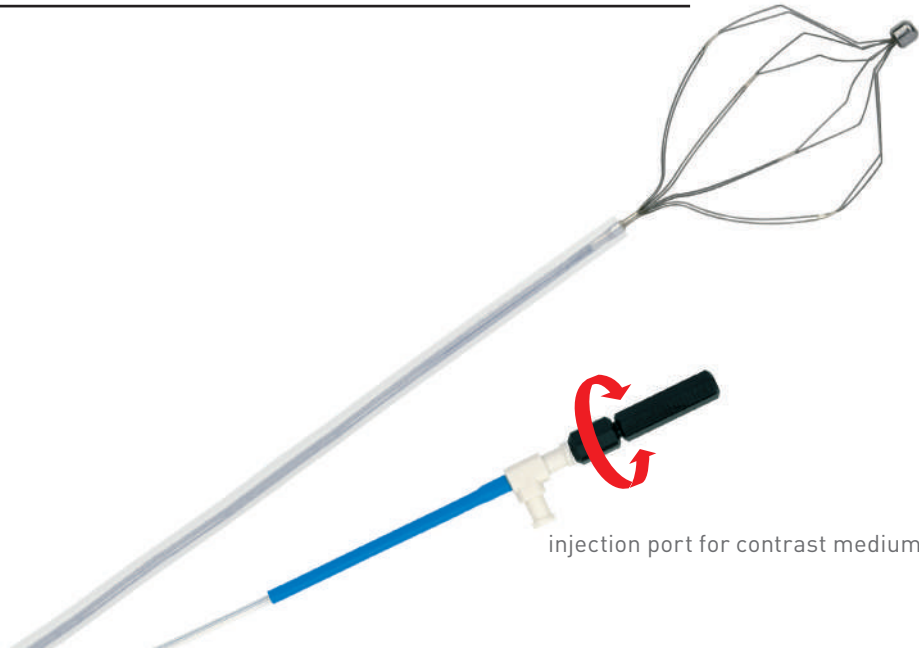
injection port for contrast medium

Order no.	Article no.	Basket expanded dimension		Diameter mm	Length cm	PU
		Opening width mm	Opening length mm			
9903113609 x2	9903113609	30	45	2,6	215	2

LITHOTOMY BASKET

4 to 8 wires, rotatable, with nozzle for contrast medium, **not** suitable for lithotripsy

2

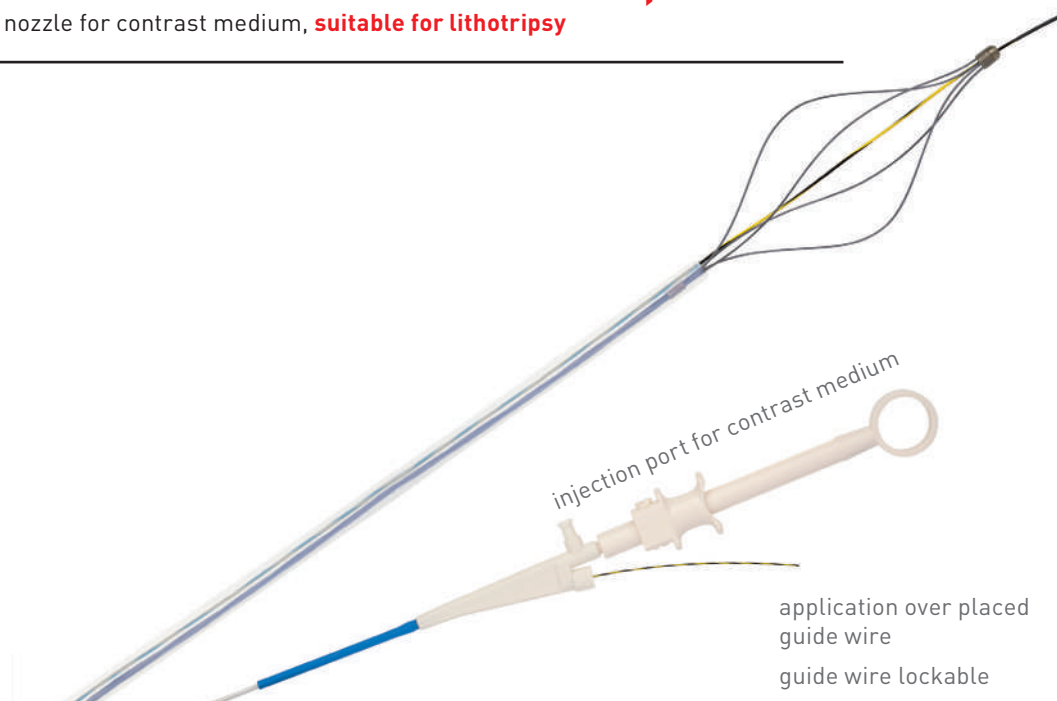


Order no.	Article no.	Basket expanded dimension		Basket wire	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm				
9903113608 x2	9903113608	30	45	twisted	2,6	215	2

LITHOTOMY BASKETS “POWER-CATCH”, NITINOL

4 wires, with nozzle for contrast medium, suitable for lithotripsy

2



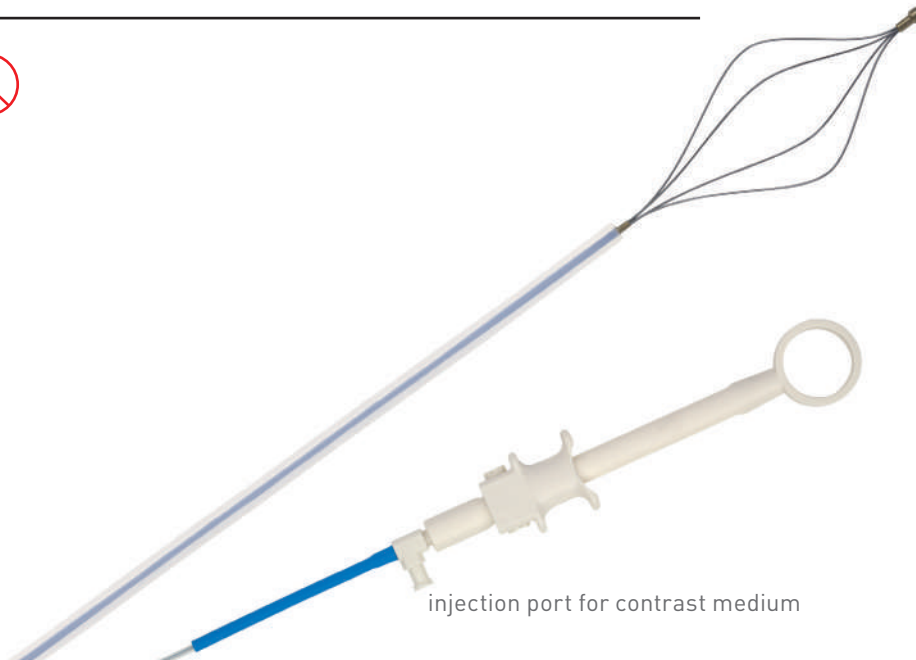
Order no.	Article no.	Basket expanded dimension		Basket type	For guide wire inch	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm					
9903163432 x2	9903163432	25	40	turned	0.035	2,9	215	2
9903163632 x2	9903163632	30	45	turned	0.035	2,9	215	2
9903163832 x2	9903163832	40	55	turned	0.035	2,9	215	2

Figure shows article REF 9903163632

LITHOTOMY BASKETS, NITINOL

4 wires, with nozzle for contrast medium, **not** suitable for lithotripsy

2



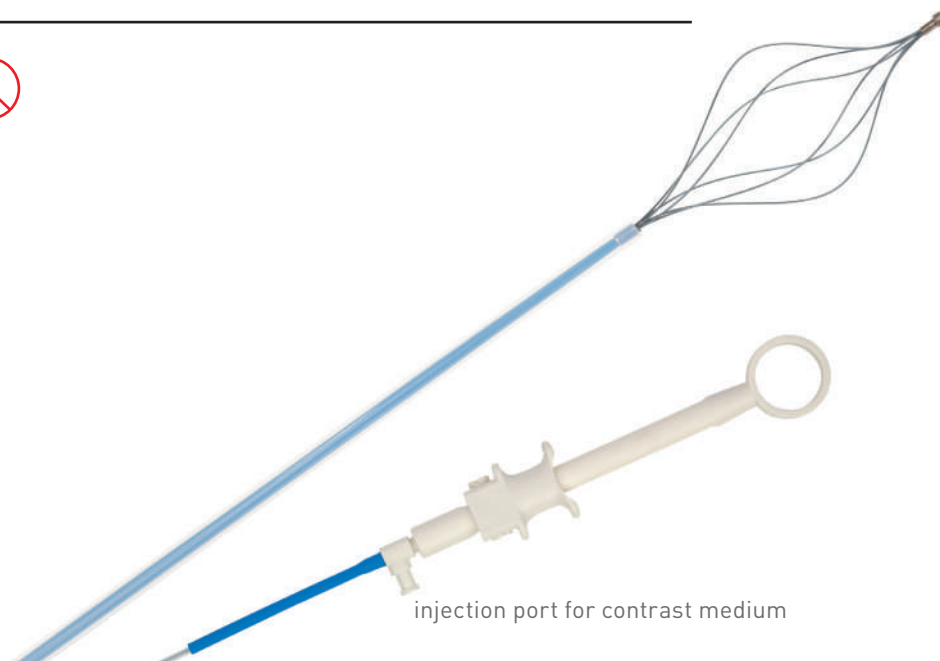
Order no.	Article no.	Basket expanded dimension		Basket type	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm				
9903112302 x2	9903112302	15	25	straight	1,8	215	2
9903112402 x2	9903112402	20	30	straight	1,8	215	2
9903112502 x2	9903112502	25	40	straight	1,8	215	2
9903112602 x2	9903112602	30	45	straight	1,8	215	2
9903112702 x2	9903112702	35	55	straight	1,8	215	2
9903113302 x2	9903113302	15	25	straight	2,3	215	2
9903113402 x2	9903113402	20	30	straight	2,3	215	2
9903113502 x2	9903113502	25	40	straight	2,3	215	2
9903113602 x2	9903113602	30	45	straight	2,3	215	2
9903113702 x2	9903113702	35	55	straight	2,3	215	2

Figure shows article REF 9903113602

LITHOTOMY BASKETS, NITINOL

6 wires with nozzle for contrast medium, **not** suitable for lithotripsy

2



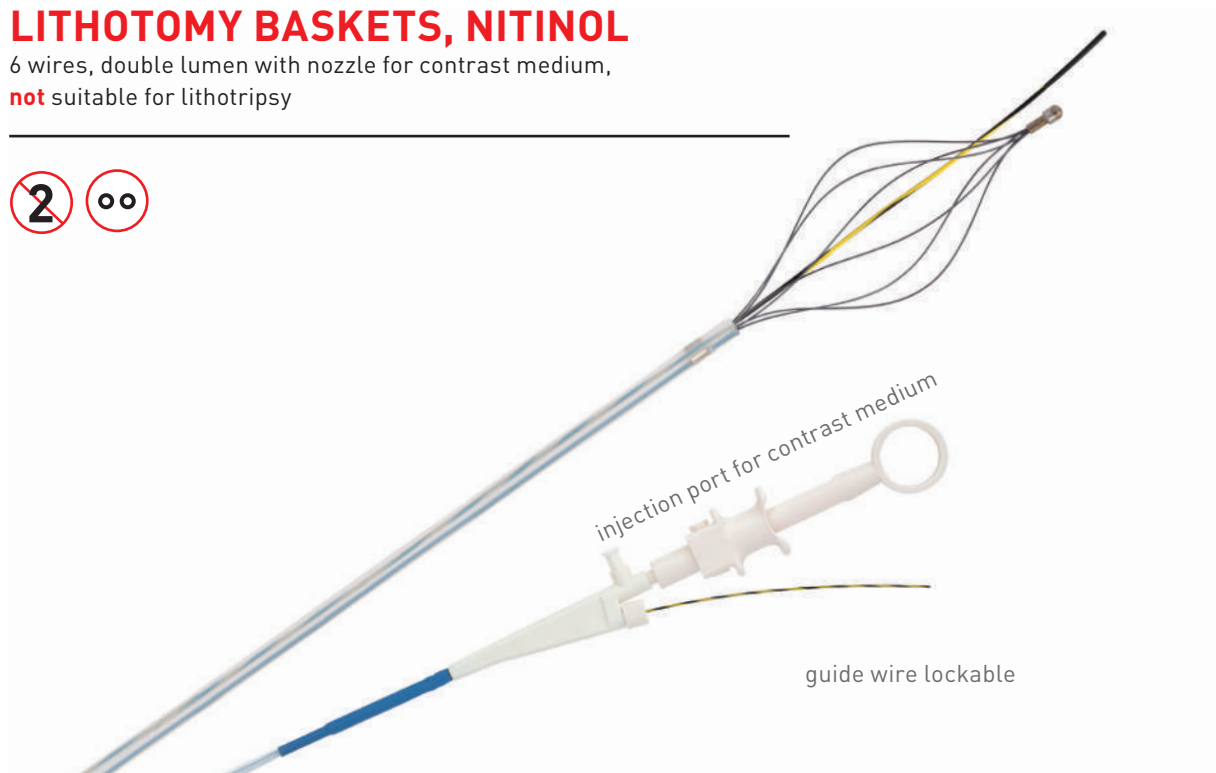
injection port for contrast medium

Order no.	Article no.	Basket expanded dimension		Basket type	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm				
9903122303 x2	9903122303	15	25	turned	1,8	215	2
9903122403 x2	9903122403	20	30	turned	1,8	215	2
9903122503 x2	9903122503	25	40	turned	1,8	215	2
9903122603 x2	9903122603	30	45	turned	1,8	215	2
9903122703 x2	9903122703	35	55	turned	1,8	215	2
9903123303 x2	9903123303	15	25	turned	2,3	215	2
9903123403 x2	9903123403	20	30	turned	2,3	215	2
9903123503 x2	9903123503	25	40	turned	2,3	215	2
9903123603 x2	9903123603	30	45	turned	2,3	215	2
9903123703 x2	9903123703	35	55	turned	2,3	215	2

Figure shows article REF 9903123603

LITHOTOMY BASKETS, NITINOL

6 wires, double lumen with nozzle for contrast medium,
not suitable for lithotripsy



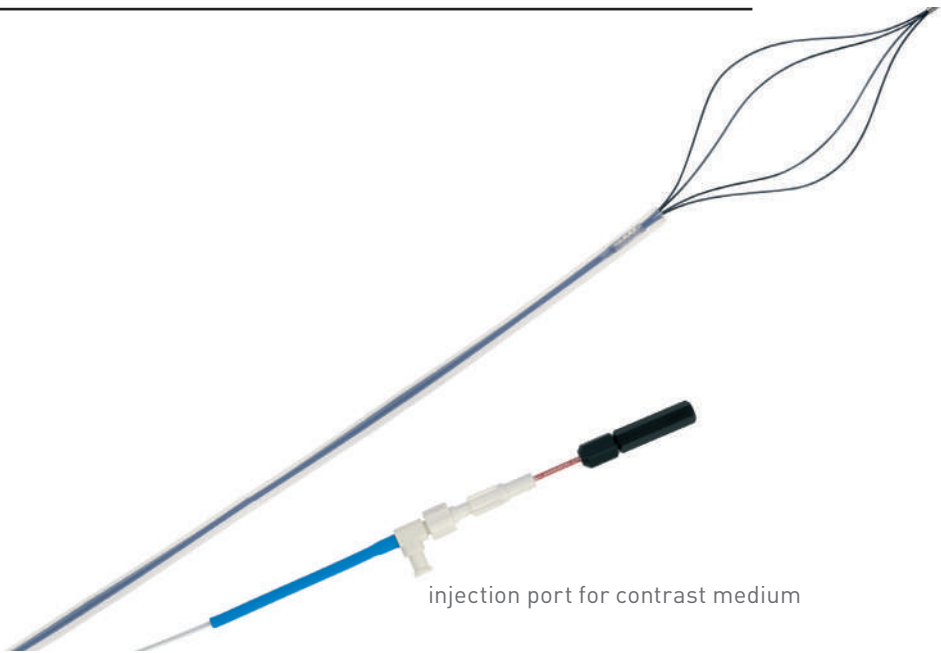
Order no.	Article no.	Basket expanded dimension		Basket type	For guide wire inch	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm					
9903116332 x5	9903116332	15	25	turned	0.035	2,7	215	5
9903116432 x5	9903116432	20	30	turned	0.035	2,7	215	5
9903116532 x5	9903116532	25	40	turned	0.035	2,7	215	5

Figure shows article 9903116432

LITHOTOMY BASKET “MICRO-CATCH”, NITINOL

4 wires with nozzle for contrast medium, **not** suitable for lithotripsy

2

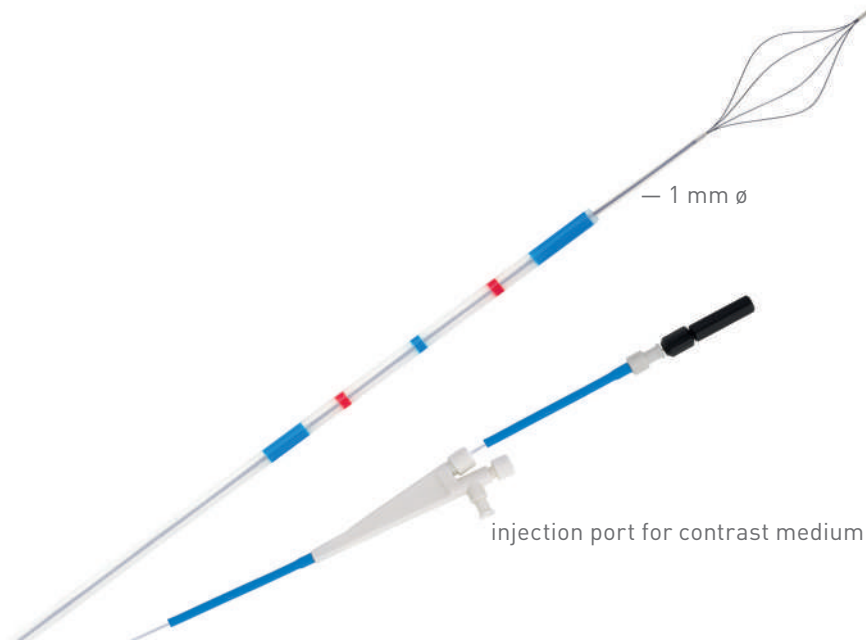


Order no.	Article no.	Basket expanded dimension		Basket type	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm				
9903121102 x2	9903121102	15	30	straight	1,0	240	2

LITHOTOMY BASKET “MINI-CATCH-SET“, NITINOL

4 wires, lithotomy basket in filiform ERCP-catheter with nozzle for contrast medium,
not suitable for lithotripsy

2

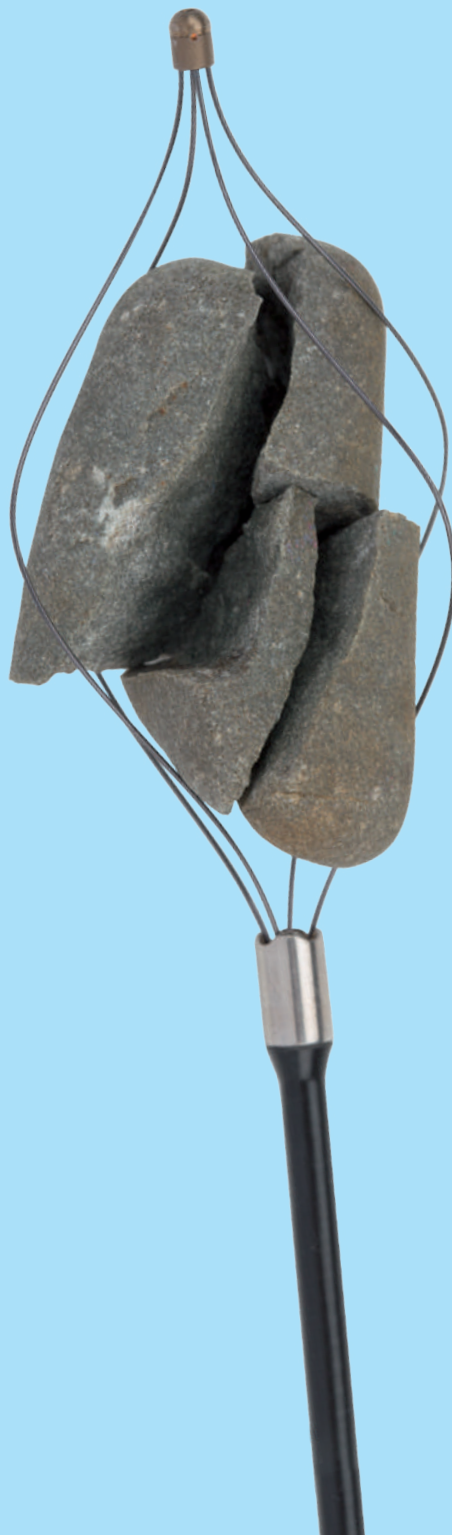


Order no.	Article no.	Basket expanded dimension		Basket type	Guide wire for ERCP-Catheter inch	Diameter Basket mm	Diameter ERCP-Catheter mm	Length cm	PU
		Opening width mm	Opening length mm						
9903121209	9903121209	15	30	straight	0.035	1,0	2,3	200	1



123 Stonecrusher

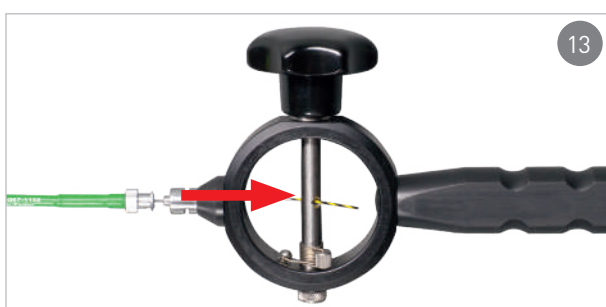
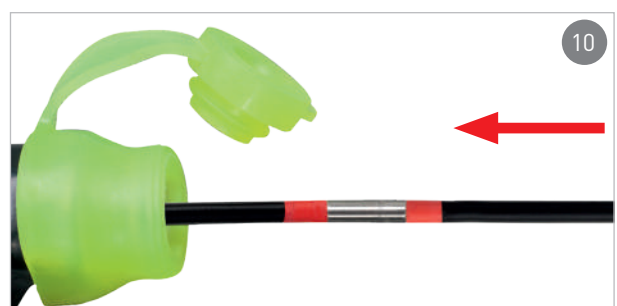
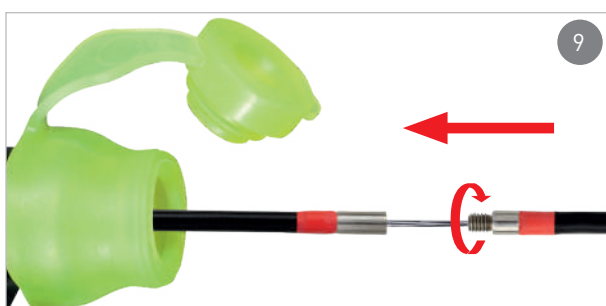
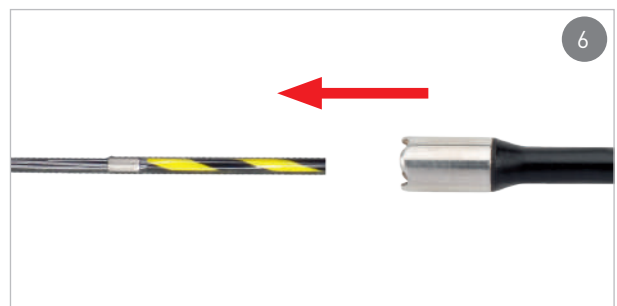
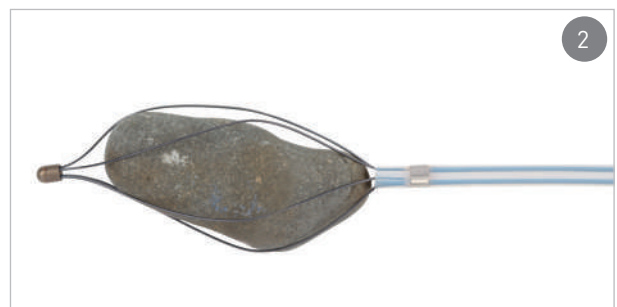
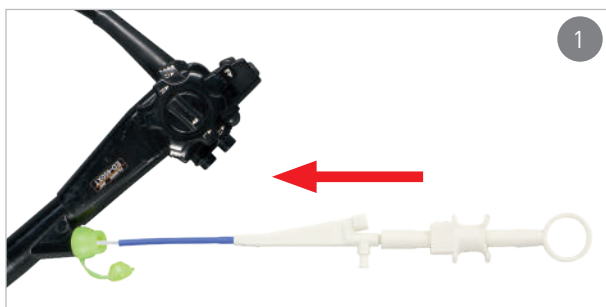
Transendoscopic stone crushing latest generation

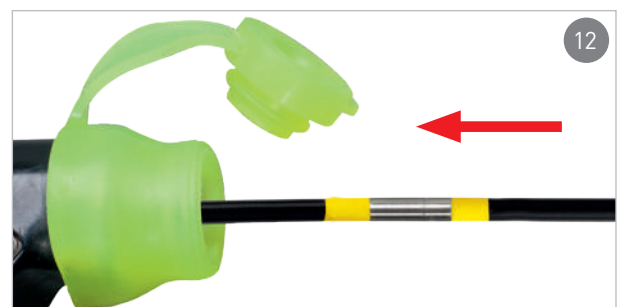
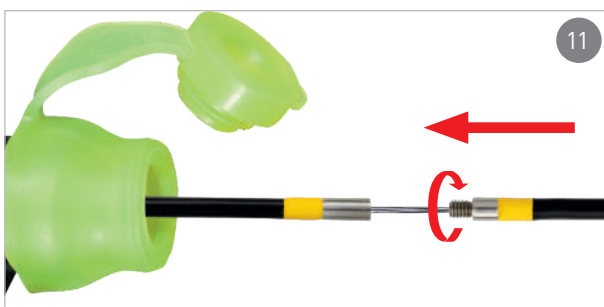
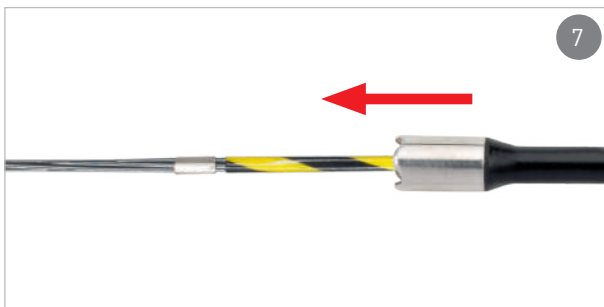
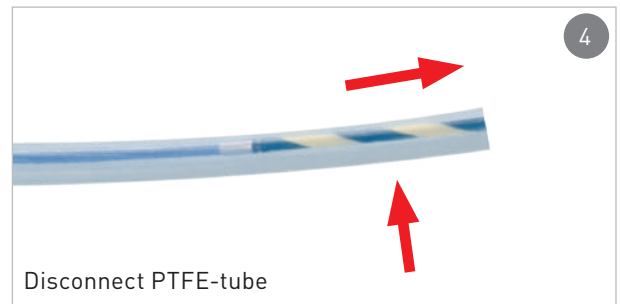


TEL
TRANSENDOSCOPIC
LITHOTRIPSY

The principle of the transendoscopic lithotripsy in three steps

Should the stone extraction not succeed after a papillotomy a lithotripsy is necessary.
The newly designed 3-part metal tube made by MTW-Endoskopie W. Haag KG allows a transendoscopic lithotripsy even with a lithotomy basket (working length ≥ 215 cm). An emergency lithotripsy without endoscopy is thus generally avoided.





Handle for lithotripter



Order no.	Article no.	Description		PU
0335	0335	black	with LL-connector	1
990335	990335	white	with LL-connector	1

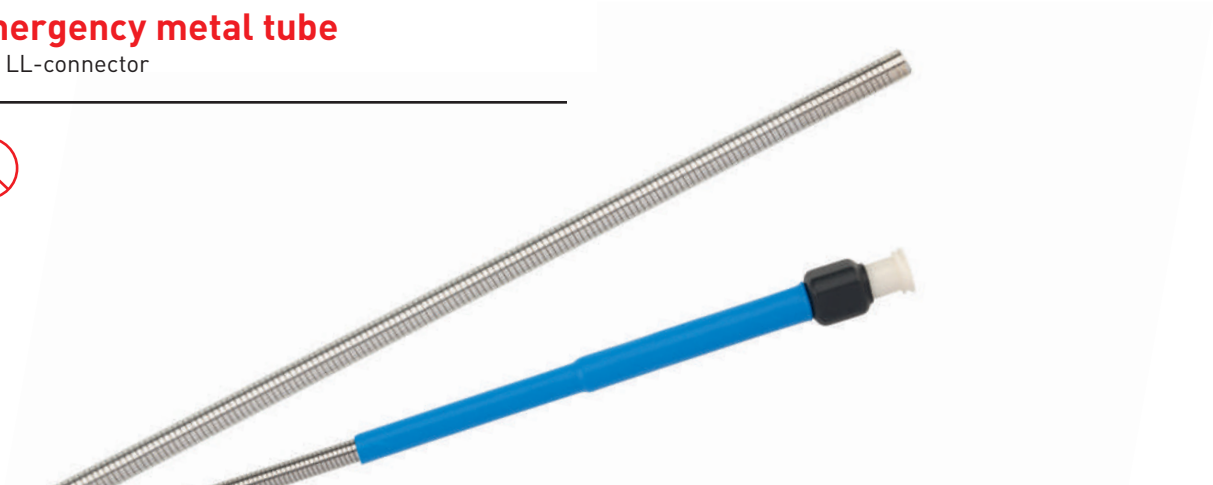
Metal tube, 3-part



Order no.	Article no.		Diameter mm	Length cm	PU
990337 x2	990337	3 Teile	3,1	170	2

Emergency metal tube

with LL-connector



Order no.	Article no.	Diameter mm	Length cm	PU
9903307	9903307	3,8	100	1

Lithotomy baskets „Easy-Catch“

with nozzle for contrast medium, **suitable for lithotripsy**

2

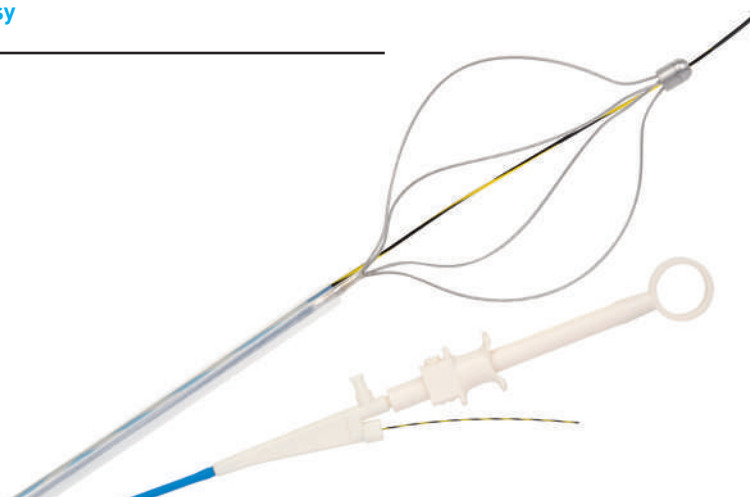


Order no.	Article no.	Basket expanded dimension mm		Ø mm	Length cm	PU
		Opening width	Opening length			
9903103404 x5	9903103404	20	30	2,6	215	5
9903103504 x5	9903103504	25	40	2,6	215	5
9903103604 x5	9903103604	30	45	2,6	215	5
9903103704 x5	9903103704	40	55	2,6	215	5
9903103804 x5	9903103804	45	60	2,6	215	5

Lithotomy baskets „Easy-Catch“

with nozzle for contrast medium, for **guide wire 0.035 inch**,
suitable for lithotripsy

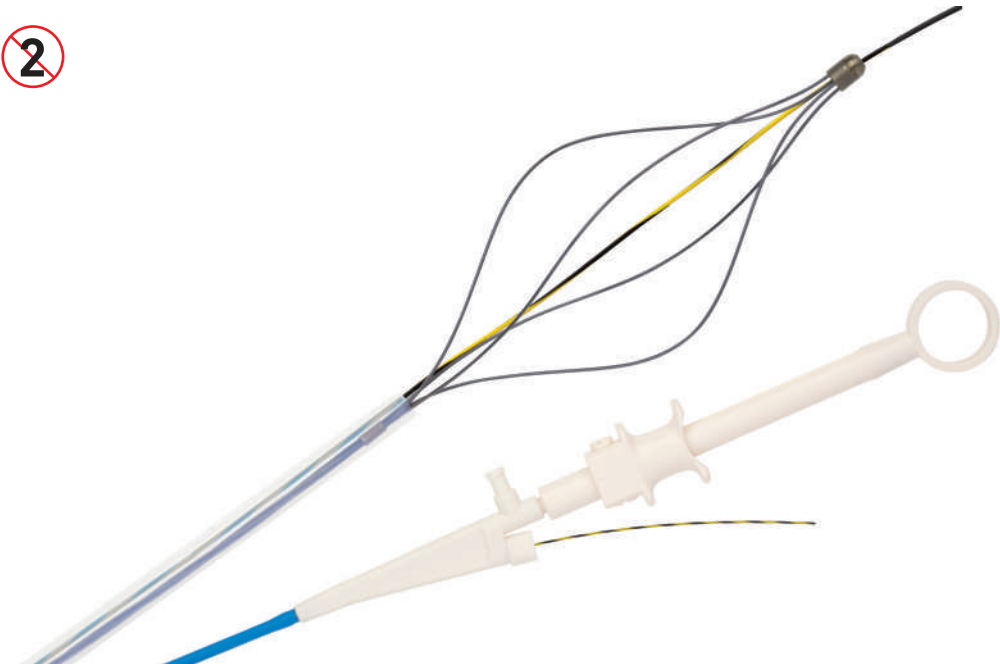
2



Order no.	Article no.	Basket expanded dimension mm		Ø mm	Length cm	PU
		Opening width	Opening length			
9903104433 x2	9903104433	20	30	2,6	215	2
9903104533 x2	9903104533	25	40	2,6	215	2
9903104633 x2	9903104633	30	45	2,6	215	2
9903104733 x2	9903104733	40	55	2,6	215	2

Lithotomy baskets, “Power-Catch”

Nitinol, with nozzle for contrast medium,
for **guide wire 0.035 inch**, suitable for lithotripsy



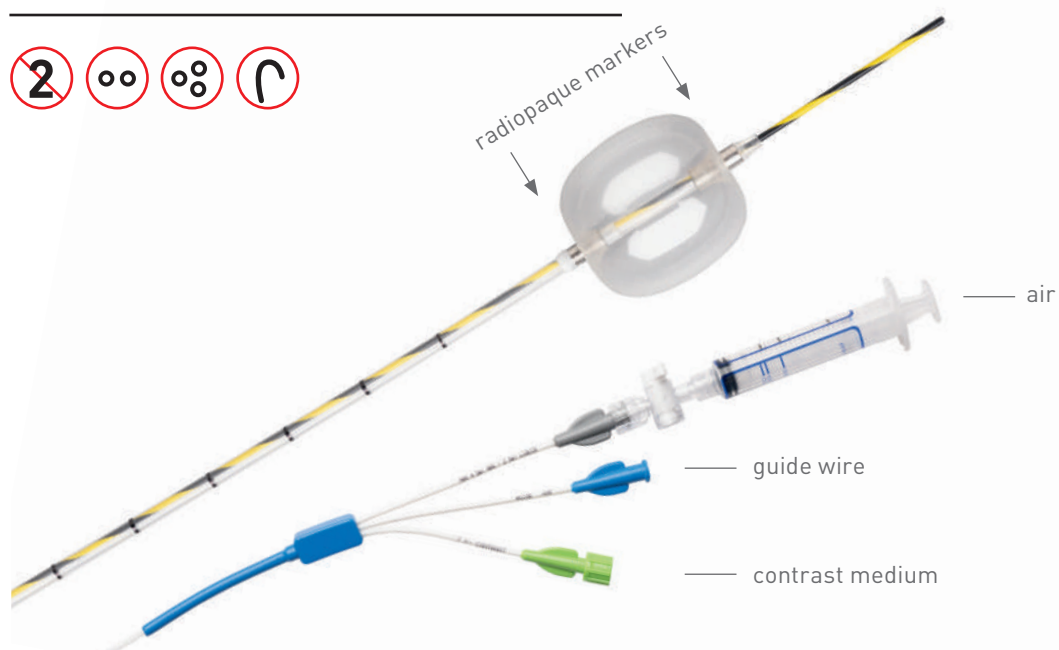
Order no.	Article no.	Basket expanded dimension mm		Ø mm	Length cm	PU
		Openin width	Openin length			
9903163432 x2	9903163432	25	40	2,9	215	2
9903163632 x2	9903163632	30	45	2,9	215	2
9903163832 x2	9903163832	40	55	2,9	215	2

BALLOON CATHETERS



BALLOON CATHETERS

for stone extraction

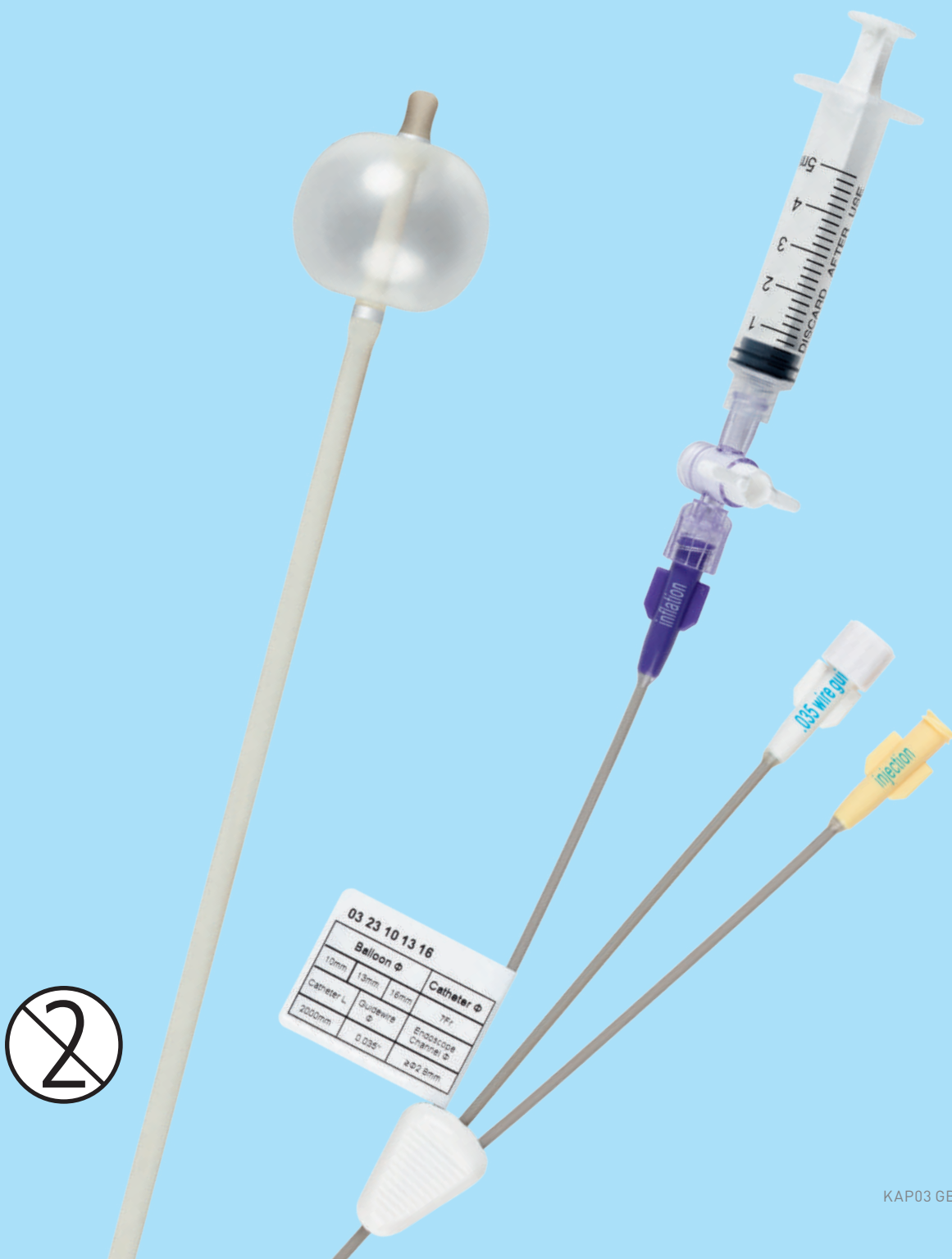


Order no.	Article no.	Balloon Ø mm	Description	Lumen	For guide wire inch	Diameter Ch.	Length cm	PU
03205120 x5	03205120	12	double lumen grey catheter		0.025	5	200	5
03267232T x5	03267232T	16	triple-lumen, transparent catheter, tapered		0.035	7 > 5	200	5
03267233T x5	03267233T	16	triple-lumen, transparent catheter		0.035	7	200	5
1303267233T x2	1303267233T	16	triple-lumen, transparent catheter		0.035	7	250	2

Figure shows article REF 03207236

Ballon Catheters for stone extraction

Ballon-Ø 10/13/16 mm, 3 Lumen



2



3 LUMEN BALLON CATHETERS FOR STONE EXTRACTION



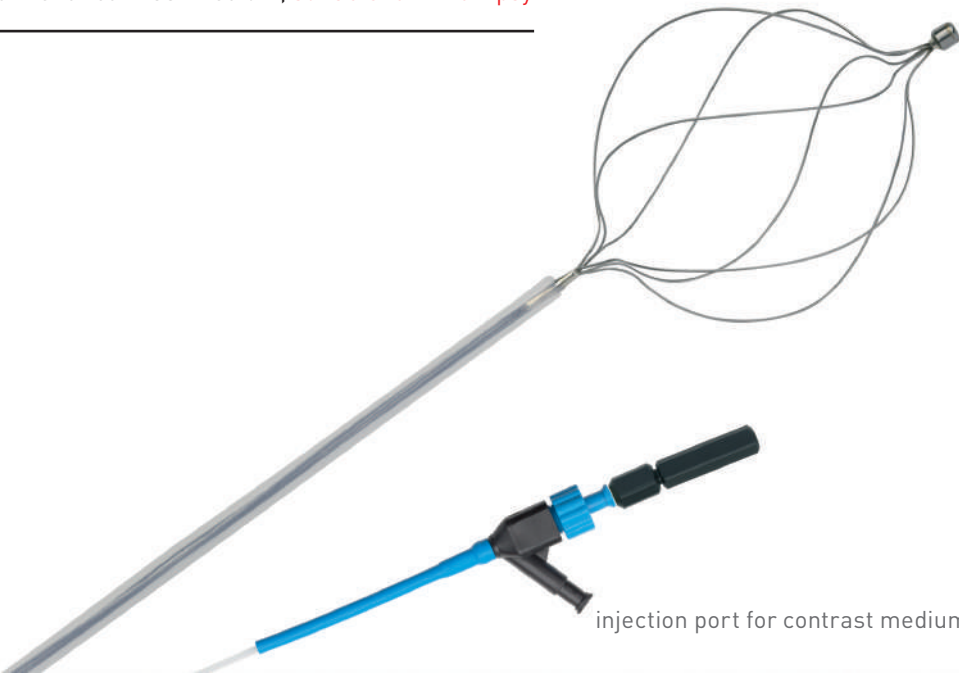
Order no.	Article no.	Lumen	For guide wire inch	Balloon Ø mm	Contrast medium output	PU
0323101316 x10	0323101316		0.035	10/13/16 mm	distal	10



Contrast medium output
distal

LITHOTOMY BASKET

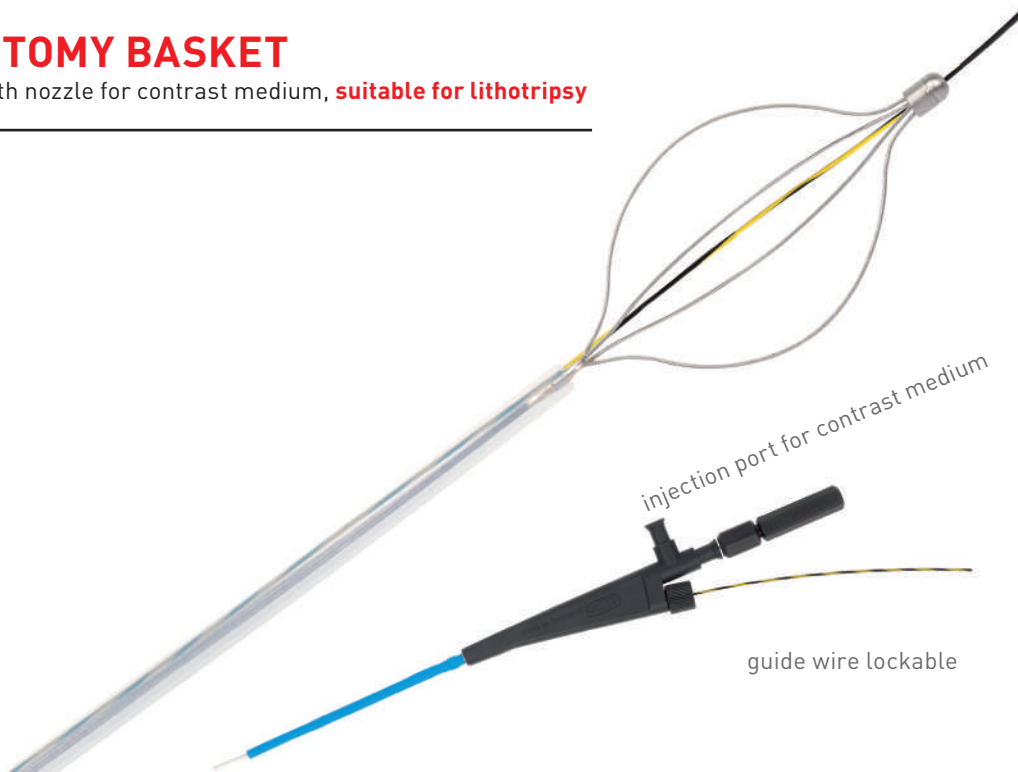
6 wires, with nozzle for contrast medium, suitable for lithotripsy



Order no.	Article no.	Basket expanded dimension mm		Basket type	Basket wire	Diameter mm	Length cm	PU
		Opening width	Opening length					
03123704	03123704	35	50	slightly turned	twisted	2,6	215	1

LITHOTOMY BASKET

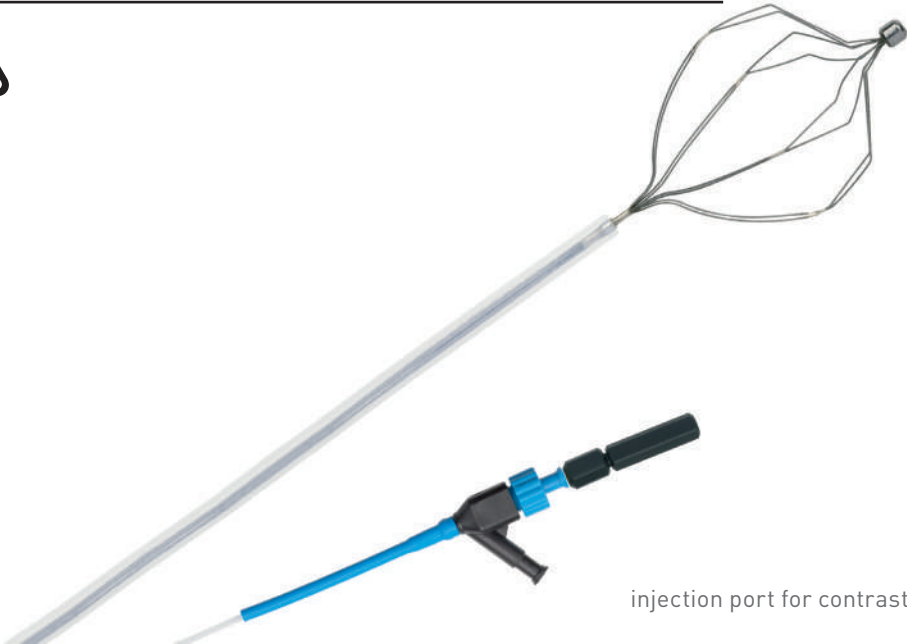
4 wires, with nozzle for contrast medium, **suitable for lithotripsy**



Order no.	Article no.	Basket expanded dimension mm		Basket type	Basket wire	For guide wire inch	Diameter mm	Length cm	PU
		Opening width	Opening length						
03144434	03144434	20	30	round	twisted	0.035	2,6	215	1

LITHOTOMY BASKET

4 to 8 wires with nozzle for contrast medium, **not** suitable for lithotripsy

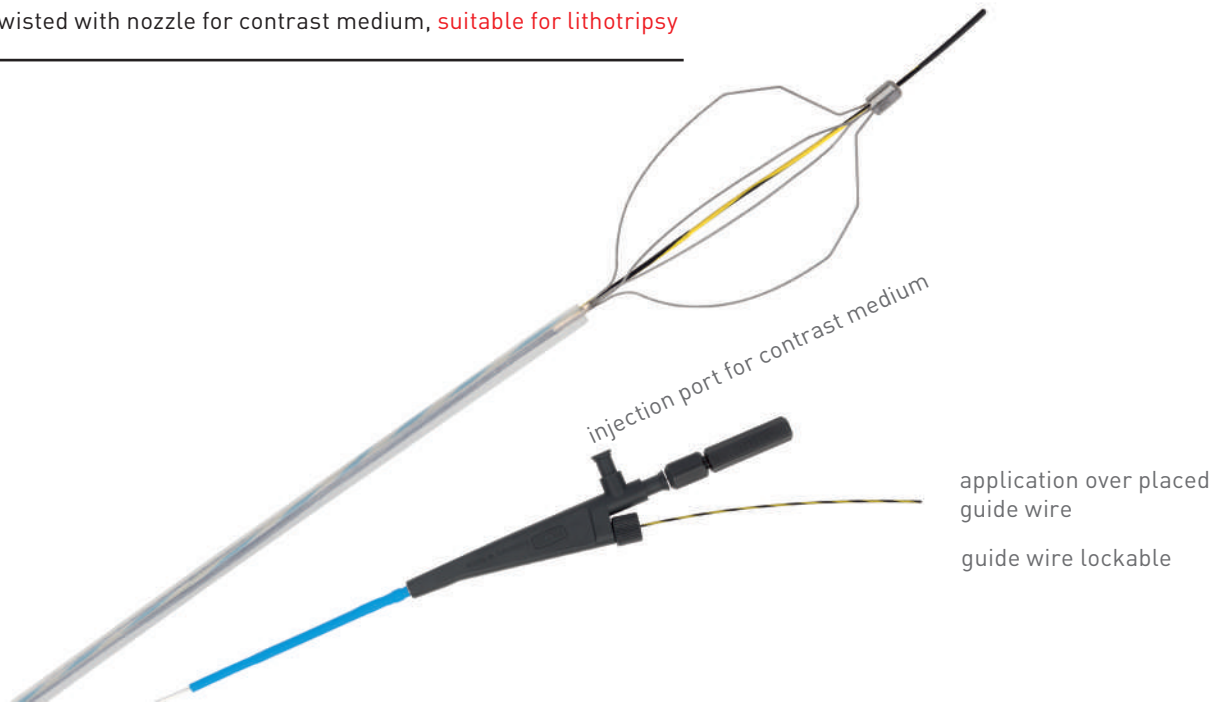


injection port for contrast medium

Order no.	Article no.	Basket expanded dimension mm		Basket wire	Diameter mm	Length cm	PU
		Opening width	Opening length				
03113608	03113608	30	45	twisted	2,6	215	1

LITHOTOMY BASKETS

4 wires, twisted with nozzle for contrast medium, suitable for lithotripsy



Order no.	Article no.	Basket expanded dimension mm		Basket type	Basket wire	For guide wire inch	Diameter mm	Length cm	PU
		Opening width	Opening length						
03112524	03112524	25	40	diamond shaped	twisted	0.025	1,8	215	1
03112624	03112624	30	45	diamond shaped	twisted	0.025	1,8	215	1
03114434	03114434	20	30	diamond shaped	twisted	0.035	2,6	215	1
03114534	03114534	25	40	diamond shaped	twisted	0.035	2,6	215	1
03114634	03114634	30	45	diamond shaped	twisted	0.035	2,6	215	1
03114734	03114734	40	55	diamond shaped	twisted	0.035	2,6	215	1
03114834	03114834	45	60	diamond shaped	twisted	0.035	2,6	215	1

Figure shows article REF 03114634

COLOUR CODES AND SYMBOLS



— Disposable products

STENTS WITH INTRODUCER SYSTEM 04

STENTS

INTRODUCER SYSTEMS

„JET-SET“

„QUICK-SET“

GUIDING CATHETERS

PUSHERS

DILATATION CATHETERS

CYST DRAINAGE SYSTEMS

RING KNIFE SYSTEMS

STENTS



STENTS

Pancreas



Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.5 PTFE			
0430501003	30	50	1
0430501004	40	60	1
0430501005	50	70	1
0430501006	60	80	1
0430501007	70	90	1
0430501008	80	100	1
0430501009	90	110	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 PTFE			
0430701003	30	50	1
0430701004	40	60	1
0430701005	50	70	1
0430701006	60	80	1
0430701007	70	90	1
0430701008	80	100	1
0430701009	90	110	1
0430701010	100	120	1
0430701011	110	130	1
0430701012	120	140	1
0430701013	130	150	1
0430701014	140	160	1
0430701015	150	170	1
0430701016	160	180	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.5 TPU			
0430501003W	30	50	1
0430501005W	50	70	1
0430501007W	70	90	1
0430501009W	90	110	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 TPU			
0430701003W	30	50	1
0430701004W	40	60	1
0430701005W	50	70	1
0430701007W	70	90	1
0430701009W	90	110	1
0430701012W	120	140	1

STENTS

Pancreas

2



Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 PTFE			
0430801003	30	50	1
0430801004	40	60	1
0430801005	50	70	1
0430801006	60	80	1
0430801007	70	90	1
0430801008	80	100	1
0430801009	90	110	1
0430801010	100	120	1
0430801011	110	130	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 PTFE			
0431001003	30	50	1
0431001004	40	60	1
0431001005	50	70	1
0431001006	60	80	1
0431001007	70	90	1
0431001008	80	100	1
0431001009	90	110	1
0431001010	100	120	1
0431001011	110	130	1

STENTS

straight

2



Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.5 PTFE			
0400501003	30	50	1
0400501005	50	70	1
0400501007	70	90	1
0400501010	100	120	1
0400501013	130	150	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.5 TPU			
0400501003W	30	50	1
0400501005W	50	70	1
0400501007W	70	90	1
0400501010W	100	120	1
0400501013W	130	150	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 PTFE			
0400701003	30	50	
0400701004	40	60	
0400701005	50	70	
0400701006	60	80	
0400701007	70	90	
0400701008	80	100	
0400701009	90	110	
0400701010	100	120	
0400701011	110	130	
0400701012	120	140	
0400701013	130	150	
0400701014	140	160	
0400701015	150	170	
0400701016	160	180	
0400701017	170	190	
0400701018	180	200	

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 TPU			
0400701003W	30	50	1
0400701004W	40	60	1
0400701005W	50	70	1
0400701006W	60	80	1
0400701007W	70	90	1
0400701008W	80	100	1
0400701009W	90	110	1
0400701010W	100	120	1
0400701011W	110	130	1
0400701012W	120	140	1
0400701013W	130	150	1
0400701014W	140	160	1
0400701015W	150	170	1
0400701016W	160	180	1
0400701017W	170	190	1
0400701018W	180	200	1

STENTS

straight

2



PTFE

TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 PTFE			
0400801003	30	50	1
0400801004	40	60	1
0400801005	50	70	1
0400801006	60	80	1
0400801007	70	90	1
0400801008	80	100	1
0400801009	90	110	1
0400801010	100	120	1
0400801011	110	130	1
0400801012	120	140	1
0400801013	130	150	1
0400801014	140	160	1
0400801015	150	170	1
0400801016	160	180	1
0400801017	170	190	1
0400801018	180	200	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 TPU			
0400801003W	30	50	1
0400801004W	40	60	1
0400801005W	50	70	1
0400801006W	60	80	1
0400801007W	70	90	1
0400801008W	80	100	1
0400801009W	90	110	1
0400801010W	100	120	1
0400801011W	110	130	1
0400801012W	120	140	1
0400801013W	130	150	1
0400801014W	140	160	1
0400801015W	150	170	1
0400801016W	160	180	1
0400801017W	170	190	1
0400801018W	180	200	1

STENTS

straight

2



Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 PTFE			
0401001003	30	50	1
0401001004	40	60	1
0401001005	50	70	1
0401001006	60	80	1
0401001007	70	90	1
0401001008	80	100	1
0401001009	90	110	1
0401001010	100	120	1
0401001011	110	130	1
0401001012	120	140	1
0401001013	130	150	1
0401001014	140	160	1
0401001015	150	170	1
0401001016	160	180	1
0401001017	170	190	1
0401001018	180	200	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 TPU			
0401001003W	30	50	1
0401001004W	40	60	1
0401001005W	50	70	1
0401001006W	60	80	1
0401001007W	70	90	1
0401001008W	80	100	1
0401001009W	90	110	1
0401001010W	100	120	1
0401001011W	110	130	1
0401001012W	120	140	1
0401001013W	130	150	1
0401001014W	140	160	1
0401001015W	150	170	1
0401001016W	160	180	1
0401001017W	170	190	1
0401001018W	180	200	1

STENTS

straight

2



PTFE

TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.11,5 PTFE			
0401101003	30	50	1
0401101004	40	60	1
0401101005	50	70	1
0401101006	60	80	1
0401101007	70	90	1
0401101008	80	100	1
0401101009	90	110	1
0401101010	100	120	1
0401101011	110	130	1
0401101012	120	140	1
0401101013	130	150	1
0401101014	140	160	1
0401101015	150	170	1
0401101016	160	180	1
0401101017	170	190	1
0401101018	180	200	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.11,5 TPU			
0401101003W	30	50	1
0401101004W	40	60	1
0401101005W	50	70	1
0401101006W	60	80	1
0401101007W	70	90	1
0401101008W	80	100	1
0401101009W	90	110	1
0401101010W	100	120	1
0401101011W	110	130	1
0401101012W	120	140	1
0401101013W	130	150	1
0401101014W	140	160	1
0401101015W	150	170	1
0401101016W	160	180	1
0401101017W	170	190	1
0401101018W	180	200	1

STENTS

straight, with platinum ring



PTFE



TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 PTFE			
0420701003	30	50	1
0420701004	40	60	1
0420701005	50	70	1
0420701006	60	80	1
0420701007	70	90	1
0420701008	80	100	1
0420701009	90	110	1
0420701010	100	120	1
0420701011	110	130	1
0420701012	120	140	1
0420701013	130	150	1
0420701014	140	160	1
0420701015	150	170	1
0420701016	160	180	1
0420701017	170	190	1
0420701018	180	200	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 TPU			
0460701003	30	50	1
0460701004	40	60	1
0460701005	50	70	1
0460701006	60	80	1
0460701007	70	90	1
0460701008	80	100	1
0460701009	90	110	1
0460701010	100	120	1
0460701011	110	130	1
0460701012	120	140	1
0460701013	130	150	1
0460701014	140	160	1
0460701015	150	170	1
0460701016	160	180	1
0460701017	170	190	1
0460701018	180	200	1

STENTS

straight, with platinum ring

2



PTFE

TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 PTFE			
0420801003	30	50	1
0420801004	40	60	1
0420801005	50	70	1
0420801006	60	80	1
0420801007	70	90	1
0420801008	80	100	1
0420801009	90	110	1
0420801010	100	120	1
0420801011	110	130	1
0420801012	120	140	1
0420801013	130	150	1
0420801014	140	160	1
0420801015	150	170	1
0420801016	160	180	1
0420801017	170	190	1
0420801018	180	200	1
0420801019	190	210	1
0420801020	200	220	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 TPU			
0460801003	30	50	1
0460801004	40	60	1
0460801005	50	70	1
0460801006	60	80	1
0460801007	70	90	1
0460801008	80	100	1
0460801009	90	110	1
0460801010	100	120	1
0460801011	110	130	1
0460801012	120	140	1
0460801013	130	150	1
0460801014	140	160	1
0460801015	150	170	1
0460801016	160	180	1
0460801017	170	190	1
0460801018	180	200	1

STENTS

straight, with platinum ring

2



PTFE



TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 PTFE			
0421001003	30	50	1
0421001004	40	60	1
0421001005	50	70	1
0421001006	60	80	1
0421001007	70	90	1
0421001008	80	100	1
0421001009	90	110	1
0421001010	100	120	1
0421001011	110	130	1
0421001012	120	140	1
0421001013	130	150	1
0421001014	140	160	1
0421001015	150	170	1
0421001016	160	180	1
0421001017	170	190	1
0421001018	180	200	1
0421001019	190	210	1
0421001020	200	220	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 TPU			
0461001003	30	50	1
0461001004	40	60	1
0461001005	50	70	1
0461001006	60	80	1
0461001007	70	90	1
0461001008	80	100	1
0461001009	90	110	1
0461001010	100	120	1
0461001011	110	130	1
0461001012	120	140	1
0461001013	130	150	1
0461001014	140	160	1
0461001015	150	170	1
0461001016	160	180	1
0461001017	170	190	1
0461001018	180	200	1

STENTS

straight, with platinum ring

2



PTFE



TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.11,5 PTFE			
0421101003	30	50	1
0421101004	40	60	1
0421101005	50	70	1
0421101006	60	80	1
0421101007	70	90	1
0421101008	80	100	1
0421101009	90	110	1
0421101010	100	120	1
0421101011	110	130	1
0421101012	120	140	1
0421101013	130	150	1
0421101014	140	160	1
0421101015	150	170	1
0421101016	160	180	1
0421101017	170	190	1
0421101018	180	200	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.11,5 TPU			
0461101003	30	50	1
0461101004	40	60	1
0461101005	50	70	1
0461101006	60	80	1
0461101007	70	90	1
0461101008	80	100	1
0461101009	90	110	1
0461101010	100	120	1
0461101011	110	130	1
0461101012	120	140	1
0461101013	130	150	1
0461101014	140	160	1
0461101015	150	170	1
0461101016	160	180	1
0461101017	170	190	1
0461101018	180	200	1

STENTS

straight, with two platinum rings and sideholes

2



Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 PTFE			
0410801012	120	140	1
0410801013	130	150	1
0410801015	150	170	1
0410801016	160	180	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 TPU			
0410801012W	120	140	1
0410801013W	130	150	1
0410801015W	150	170	1
0410801016W	160	180	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 PTFE			
0411001012	120	140	1
0411001013	130	150	1
0411001015	150	170	1
0411001016	160	180	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 TPU			
0411001012W	120	140	1
0411001013W	130	150	1
0411001015W	150	170	1
0411001016W	160	180	1

STENTS

centrally bent

2



PTFE



TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 PTFE			
0470801005	50	70	1
0470801007	70	90	1
0470801010	100	120	1
0470801013	130	150	1
0470801015	150	170	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 TPU			
0470801005W	50	70	1
0470801007W	70	90	1
0470801010W	100	120	1
0470801013W	130	150	1
0470801015W	150	170	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 PTFE			
0471001005	50	70	1
0471001007	70	90	1
0471001010	100	120	1
0471001013	130	150	1
0471001015	150	170	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 TPU			
0471001005W	50	70	1
0471001007W	70	90	1
0471001010W	100	120	1
0471001013W	130	150	1
0471001015W	150	170	1

STENTS

duodenally bent



PTFE



TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 PTFE			
0490801005	50	70	1
0490801007	70	90	1
0490801010	100	120	1
0490801013	130	150	1
0490801015	150	170	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 TPU			
0490801005W	50	70	1
0490801007W	70	90	1
0490801010W	100	120	1
0490801013W	130	150	1
0490801015W	150	170	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 PTFE			
0491001005	50	70	1
0491001007	70	90	1
0491001010	100	120	1
0491001013	130	150	1
0491001015	150	170	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.10 TPU			
0491001005W	50	70	1
0491001007W	70	90	1
0491001010W	100	120	1
0491001013W	130	150	1
0491001015W	150	170	1

STENTS

Pigtail

2

PTFE

TPU



Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.7 PTFE			
0400703005	50	70	1
0400703007	70	90	1
0400703009	90	110	1
0400703012	120	140	1

Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.7 TPU			
0400703003W	30	50	1
0400703004W	40	60	1
0400703005W	50	70	1
0400703006W	60	80	1
0400703007W	70	90	1
0400703008W	80	100	1
0400703009W	90	110	1
0400703010W	100	120	1
0400703011W	110	130	1
0400703012W	120	140	1
0400703013W	130	150	1
0400703014W	140	160	1
0400703015W	150	170	1

STENTS

Pigtail

2

PTFE

TPU



Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.8,5 PTFE			
0400803005	50	70	1
0400803007	70	90	1
0400803009	90	110	1
0400803012	120	140	1

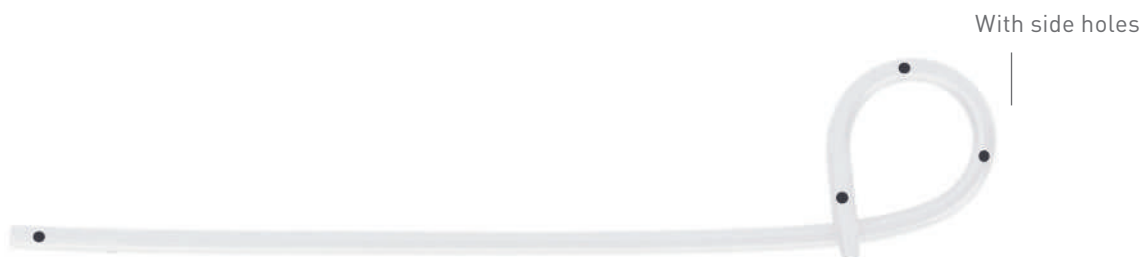
Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.8,5 TPU			
0400803003W	30	50	1
0400803004W	40	60	1
0400803005W	50	70	1
0400803006W	60	80	1
0400803007W	70	90	1
0400803008W	80	100	1
0400803009W	90	110	1
0400803010W	100	120	1
0400803011W	110	130	1
0400803012W	120	140	1
0400803013W	130	150	1
0400803014W	140	160	1
0400803015W	150	170	1

STENTS

Pigtail

2

TPU



Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.10 TPU			
0401003003W	30	50	1
0401003004W	40	60	1
0401003005W	50	70	1
0401003006W	60	80	1
0401003007W	70	90	1
0401003008W	80	100	1
0401003009W	90	110	1
0401003010W	100	120	1
0401003011W	110	130	1
0401003012W	120	140	1
0401003013W	130	150	1
0401003014W	140	160	1
0401003015W	150	170	1

Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.11,5 TPU			
0401103003W	30	50	1
0401103004W	40	60	1
0401103005W	50	70	1
0401103006W	60	80	1
0401103007W	70	90	1
0401103008W	80	100	1
0401103009W	90	110	1
0401103010W	100	120	1
0401103011W	110	130	1
0401103012W	120	140	1
0401103013W	130	150	1
0401103014W	140	160	1
0401103015W	150	170	1

STENTS

Double-Pigtail

2



Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.7 PTFE			
0400704005	50	80	1
0400704007	70	100	1
0400704009	90	120	1
0400704012	120	150	1

Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.8,5 PTFE			
0400804005	50	90	1
0400804007	70	110	1
0400804009	90	130	1
0400804012	120	160	1

STENTS

Double-Pigtail, with platinum ring

2

With side holes —



— With side holes

Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.7 TPU			
0450704002	20	70	1
0450704003	30	80	1
0450704004	40	90	1
0450704005	50	100	1
0450704006	60	110	1
0450704007	70	120	1
0450704008	80	130	1
0450704009	90	140	1
0450704010	100	150	1
0450704012	120	170	1
0450704015	150	200	1

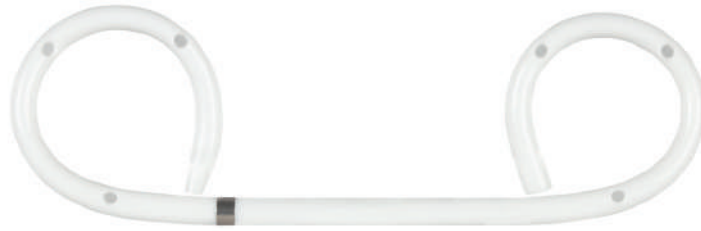
Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.8,5 TPU			
0450804002	20	70	1
0450804003	30	80	1
0450804004	40	90	1
0450804005	50	100	1
0450804006	60	110	1
0450804007	70	120	1
0450804008	80	130	1
0450804009	90	140	1
0450804010	100	150	1
0450804012	120	170	1
0450804015	150	200	1

STENTS

Double-Pigtail, with platinum ring



With side holes —



— With side holes

Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.10 TPU			
0451004002	20	70	1
0451004003	30	80	1
0451004004	40	90	1
0451004005	50	100	1
0451004006	60	110	1
0451004007	70	120	1
0451004008	80	130	1
0451004009	90	140	1
0451004010	100	150	1
0451004012	120	170	1
0451004015	150	200	1

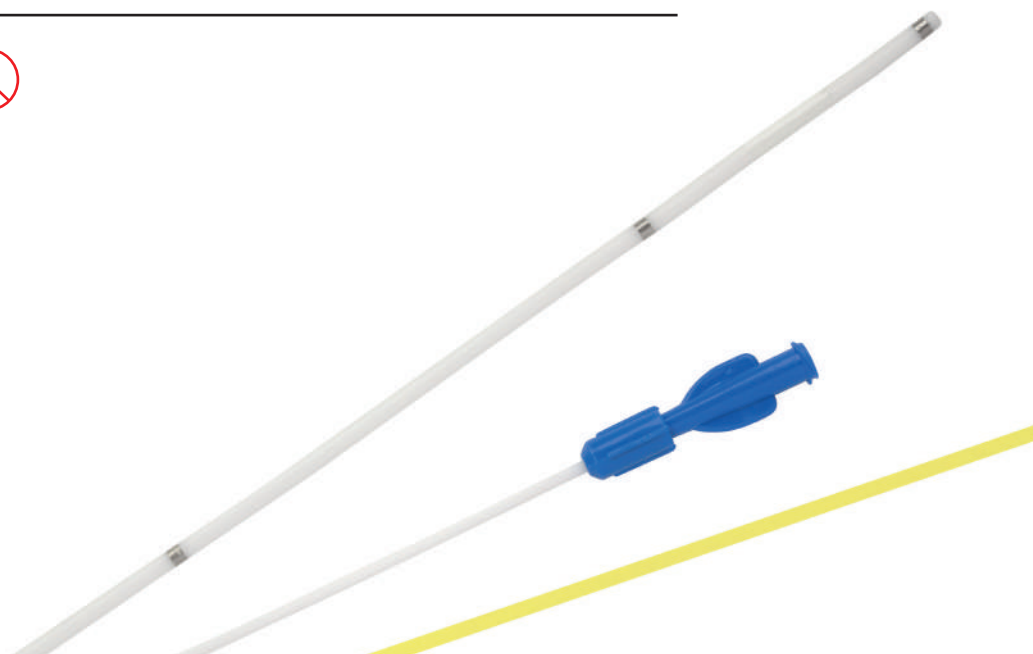
Order no. Article no.	Stent dimension		PU
	Straight part mm	Total length mm	
Ch.11,5 TPU			
0451104002	20	80	1
0451104003	30	90	1
0451104004	40	100	1
0451104005	50	110	1
0451104006	60	120	1
0451104007	70	130	1
0451104008	80	140	1
0451104009	90	150	1
0451104010	100	160	1
0451104012	120	180	1
0451104015	150	210	1

INTRODUCER SYSTEMS AND DILATATION CATHETERS



GUIDING CATHETERS AND PUSHERS

2



Guiding catheters:

Order no.	Article no.	Diameter Ch.	Total length cm	Suitable for pusher Ch.	Suitable for stents Ch.	Number of platinum rings	Suitable guide wire inch	PU
0440510 x2	0440510	5	220	8,5	8,5	1	0.035	2
0410510 x5	0410510	5	220	8,5	8,5	3	0.035	5
0410511 x5	0410511	5	320	8,5	8,5	3	0.035	5
0440710 x2	0440710	6	220	10	10 / 11,5	1	0.035	2
0410710 x5	0410710	6	220	10	10 / 11,5	3	0.035	5
0410711 x5	0410711	6	320	10	10 / 11,5	3	0.035	5

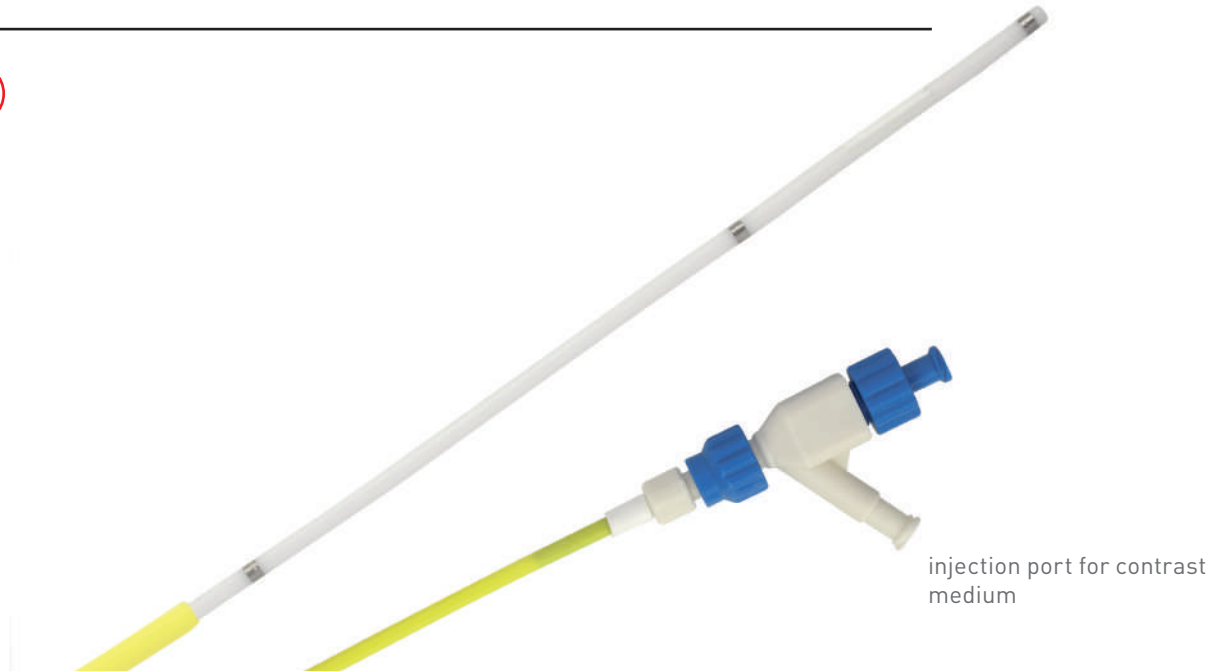
Pushers:

Order no.	Article no.	Diameter Ch.	Total length cm	Suitable for Guiding catheters Ch.	Suitable for stents Ch.	Suitable guide wire inch	PU
0410517 x5	0410517	5	175	---	5	0.035	5
0413517 x5	0413517	5	250	---	5	0.035	5
0410717 x5	0410717	7	175	---	7	0.035	5
0413717 x5	0413717	7	250	---	7	0.035	5
0410817 x5	0410817	8,5	175	5	8,5	0.035	5
0411017 x5	0411017	10	175	6	10 / 11,5	0.035	5

Figure shows article REF 0410510, 0410817

INTRODUCER SYSTEMS „JET-SET“ AND „QUICK-SET“

2



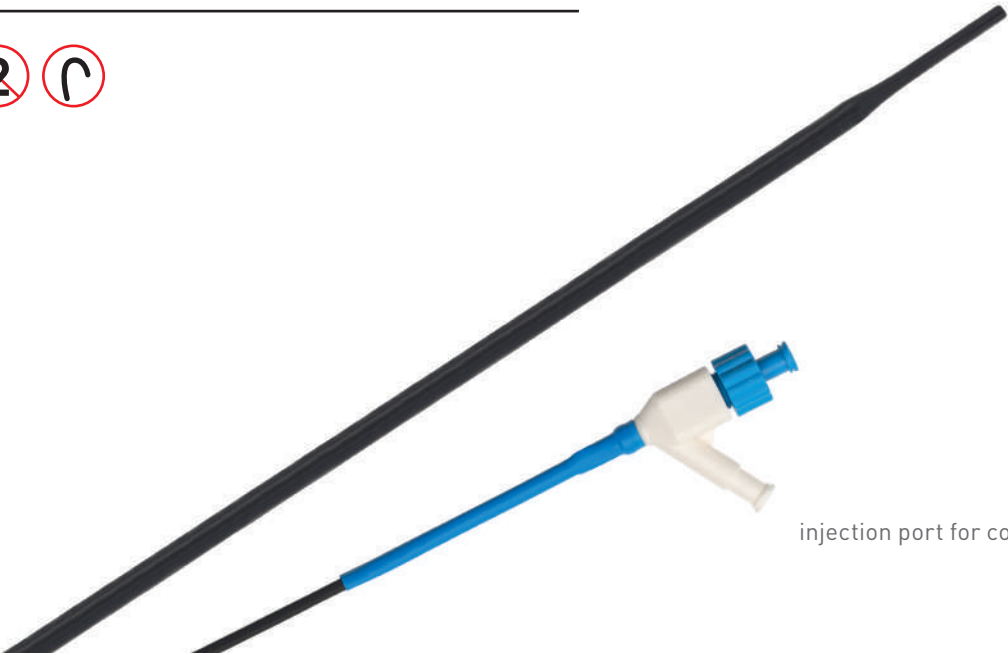
Order no.	Article no.	Diameter guiding catheter Ch.	Diameter Pusher Ch.	Length of introducer system cm	Suitable for stents Ch.	Number of platinum rings	Suitable guide wire inch	PU
0409818 x10	0409818	5	8,5	190	8,5	1	0.035	10
0410818 x5	0410818*)	5	8,5	205	8,5	3	0.035	5
0411818 x5	0411818*)	5	8,5	230	8,5	1	0.035	5
0413818 x5	0413818*)	5	8,5	260	8,5	3	0.035	5
0409819 x10	0409819	6	10	190	10 / 11,5	1	0.035	10
0410819 x5	0410819*)	6	10	205	10 / 11,5	3	0.035	5
0411819 x5	0411819*)	6	10	230	10 / 11,5	1	0.035	5

Figure shows article REF 0410819

*) Jet-Set

DILATATION CATHETERS

for guide wire, guide wire lockable



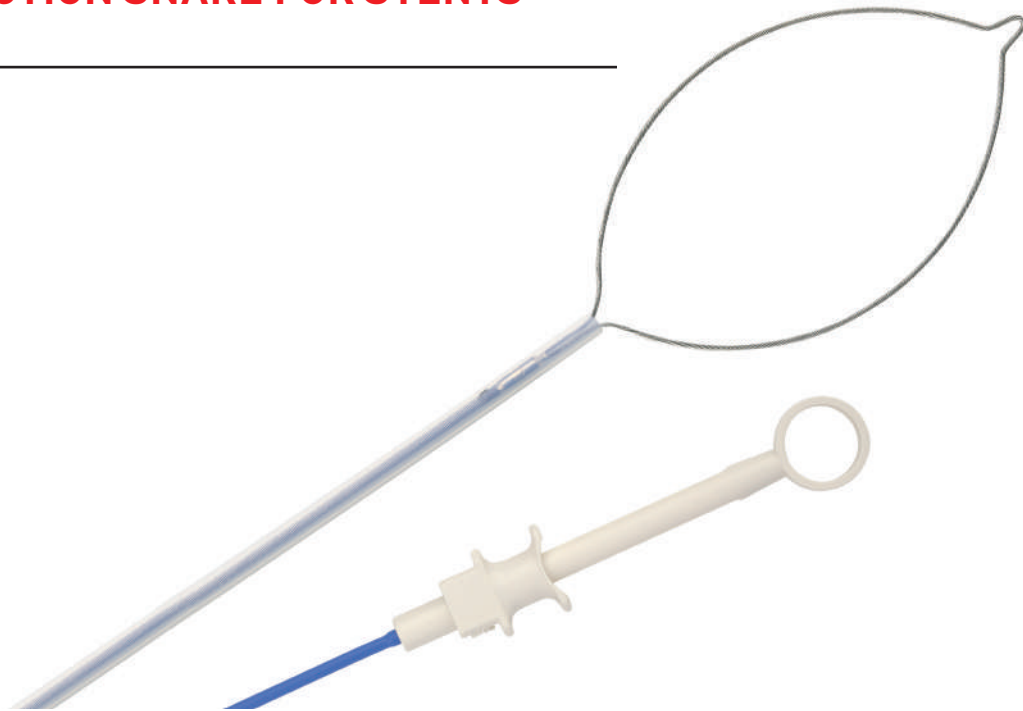
injection port for contrast medium

Order no.	Article no.	Special features	For guide wire inch	Diameter Ch.	Length cm	PU
990410500200 x2	990410500200	---	0.035	5	200	2
990410700200 x2	990410700200	with inside metal ring	0.035	7	200	2
990410800200 x2	990410800200	with inside metal ring	0.035	8	200	2
990410900200 x2	990410900200	with inside metal ring	0.035	9	200	2
990411000200 x2	990411000200	with inside metal ring	0.035	10	200	2
990411200200 x2	990411200200	with inside metal ring	0.035	12	200	2

Abbildung zeigt REF 990411000200

EXTRACTION SNARE FOR STENTS

2



Order no.	Article no.	Opening width mm	Basket wire	Diameter mm.	Length cm	PU
99052071210 x2	99052071210	20 x 40	twisted	2,3	230	2

STENTS WITH INTRODUCER SYSTEM



STENT

straight, with introducer system "Quick-Set" (1 platinum ring)

2

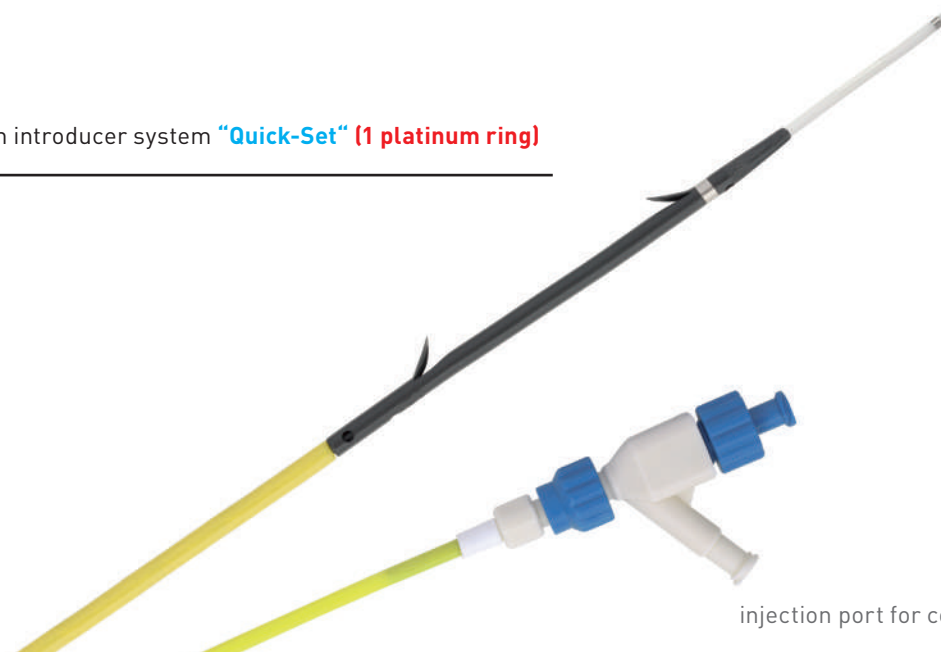


Order no. Article no.	Stent dimension			Introducer system "Quick-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
Ch.7 TPU							
0460701003QS	30	50	7	7	190	0.035	1
0460701005QS	50	70	7	7	190	0.035	1
0460701007QS	70	90	7	7	190	0.035	1
0460701009QS	90	110	7	7	190	0.035	1
0460701012QS	120	140	7	7	190	0.035	1
0460701015QS	150	170	7	7	190	0.035	1

STENT

straight, with introducer system "Quick-Set" (1 platinum ring)

2



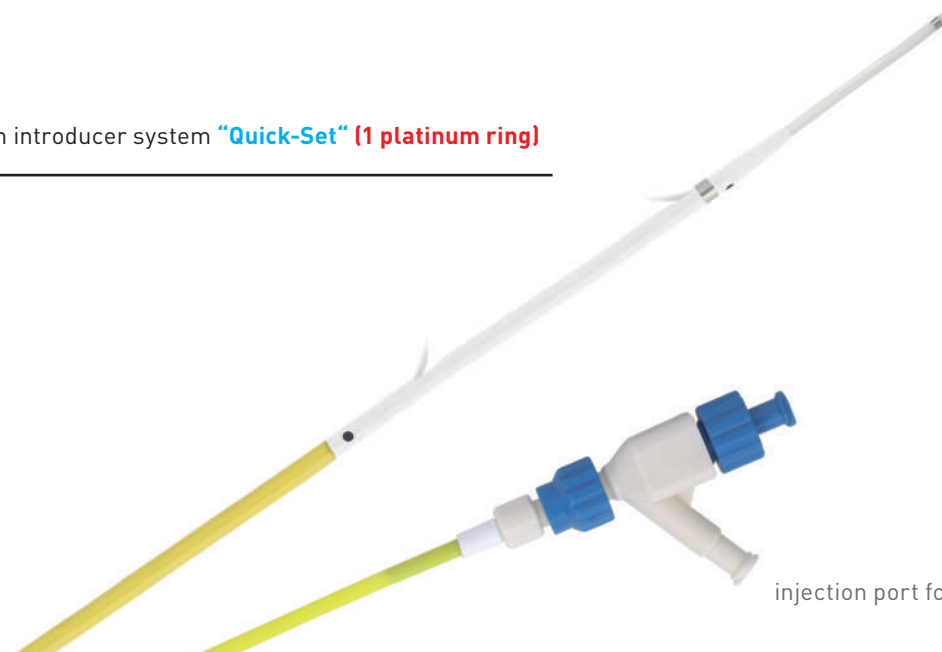
injection port for contrast medium

Order no. Article no.	Stent dimension			Introducer system "Quick-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
Ch.8,5 PTFE							
0420801003QS	30	50	8,5	8,5	190	0.035	1
0420801004QS	40	60	8,5	8,5	190	0.035	1
0420801005QS	50	70	8,5	8,5	190	0.035	1
0420801006QS	60	80	8,5	8,5	190	0.035	1
0420801007QS	70	90	8,5	8,5	190	0.035	1
0420801008QS	80	100	8,5	8,5	190	0.035	1
0420801009QS	90	110	8,5	8,5	190	0.035	1
0420801010QS	100	120	8,5	8,5	190	0.035	1
0420801011QS	110	130	8,5	8,5	190	0.035	1
0420801012QS	120	140	8,5	8,5	190	0.035	1
0420801013QS	130	150	8,5	8,5	190	0.035	1
0420801014QS	140	160	8,5	8,5	190	0.035	1
0420801015QS	150	170	8,5	8,5	190	0.035	1
0420801016QS	160	180	8,5	8,5	190	0.035	1
0420801017QS	170	190	8,5	8,5	190	0.035	1
0420801018QS	180	200	8,5	8,5	190	0.035	1

STENT

straight, with introducer system "Quick-Set" (1 platinum ring)

2



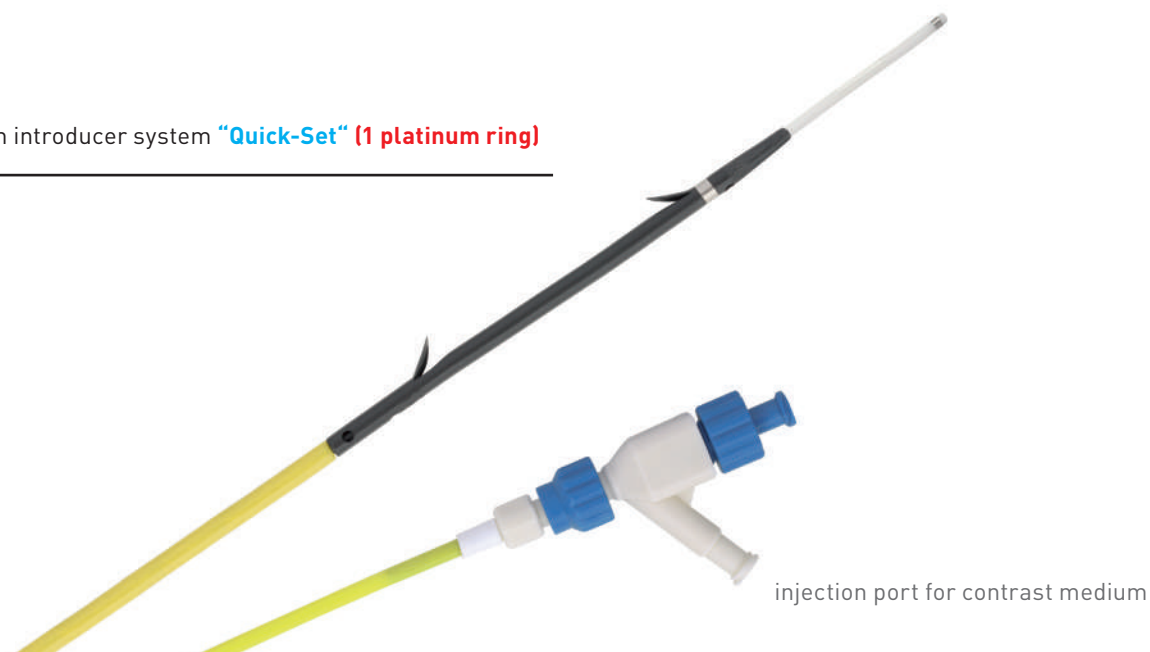
injection port for contrast medium

Order no. Article no.	Stent dimension			Introducer system "Quick-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
Ch.8,5 TPU							
0460801003QS	30	50	8,5	8,5	190	0.035	1
0460801004QS	40	60	8,5	8,5	190	0.035	1
0460801005QS	50	70	8,5	8,5	190	0.035	1
0460801006QS	60	80	8,5	8,5	190	0.035	1
0460801007QS	70	90	8,5	8,5	190	0.035	1
0460801008QS	80	100	8,5	8,5	190	0.035	1
0460801009QS	90	110	8,5	8,5	190	0.035	1
0460801010QS	100	120	8,5	8,5	190	0.035	1
0460801011QS	110	130	8,5	8,5	190	0.035	1
0460801012QS	120	140	8,5	8,5	190	0.035	1
0460801013QS	130	150	8,5	8,5	190	0.035	1
0460801014QS	140	160	8,5	8,5	190	0.035	1
0460801015QS	150	170	8,5	8,5	190	0.035	1
0460801016QS	160	180	8,5	8,5	190	0.035	1
0460801017QS	170	190	8,5	8,5	190	0.035	1
0460801018QS	180	200	8,5	8,5	190	0.035	1

STENT

straight, with introducer system "Quick-Set" (1 platinum ring)

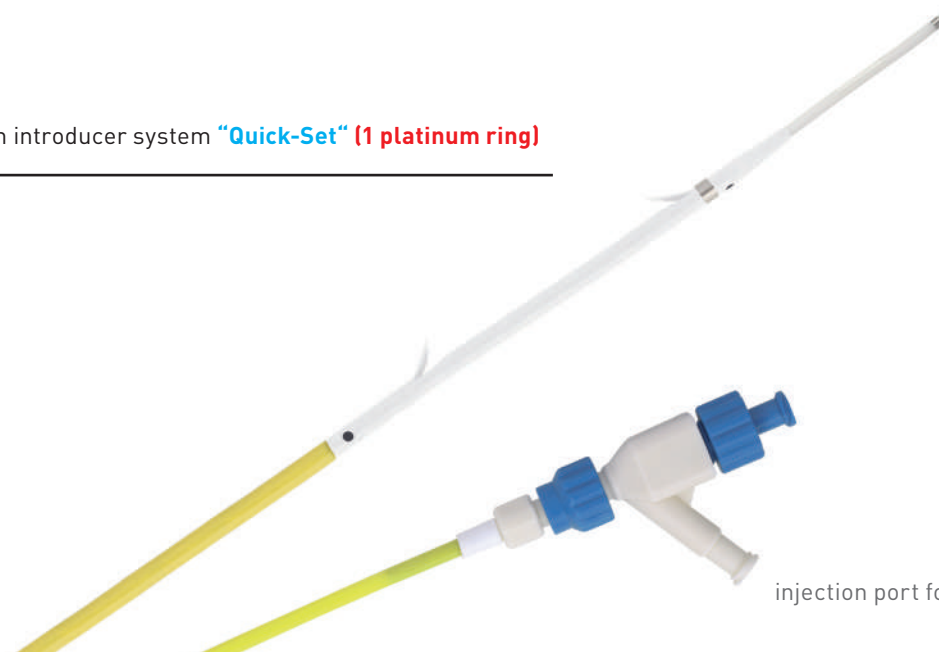
2



Order no. Article no.	Stent dimension			Introducer system "Quick-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
Ch.10 PTFE							
0421001003QS	30	50	10	10	190	0.035	1
0421001004QS	40	60	10	10	190	0.035	1
0421001005QS	50	70	10	10	190	0.035	1
0421001006QS	60	80	10	10	190	0.035	1
0421001007QS	70	90	10	10	190	0.035	1
0421001008QS	80	100	10	10	190	0.035	1
0421001009QS	90	110	10	10	190	0.035	1
0421001010QS	100	120	10	10	190	0.035	1
0421001011QS	110	130	10	10	190	0.035	1
0421001012QS	120	140	10	10	190	0.035	1
0421001013QS	130	150	10	10	190	0.035	1
0421001014QS	140	160	10	10	190	0.035	1
0421001015QS	150	170	10	10	190	0.035	1
0421001016QS	160	180	10	10	190	0.035	1
0421001017QS	170	190	10	10	190	0.035	1
0421001018QS	180	200	10	10	190	0.035	1

STENT

straight, with introducer system "Quick-Set" (1 platinum ring)

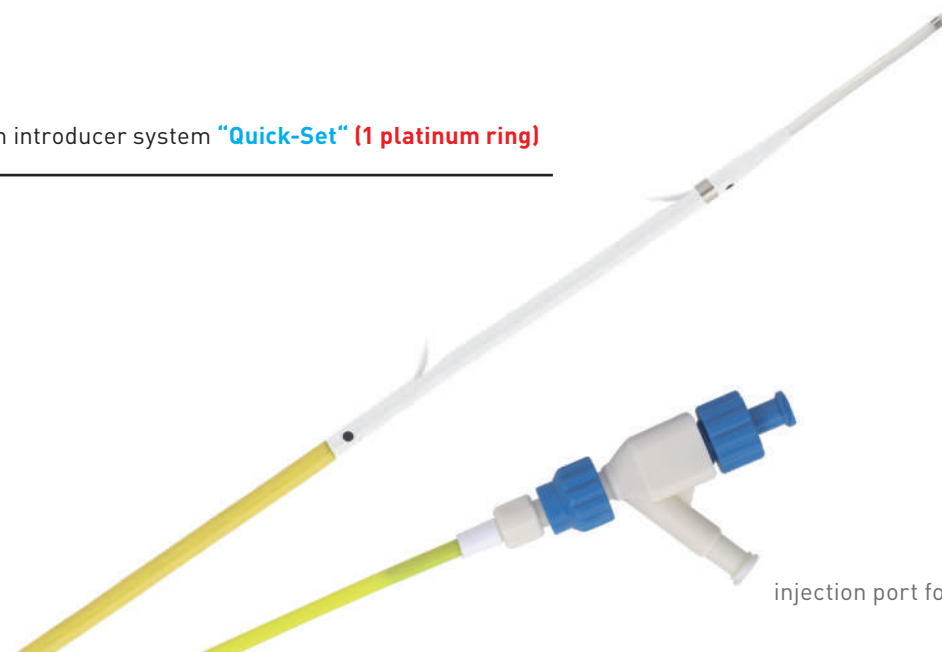


injection port for contrast medium

Order no. Article no.	Stent dimension			Introducer system "Quick-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
Ch.10 TPU							
0461001003QS	30	50	10	10	190	0.035	1
0461001004QS	40	60	10	10	190	0.035	1
0461001005QS	50	70	10	10	190	0.035	1
0461001006QS	60	80	10	10	190	0.035	1
0461001007QS	70	90	10	10	190	0.035	1
0461001008QS	80	100	10	10	190	0.035	1
0461001009QS	90	110	10	10	190	0.035	1
0461001010QS	100	120	10	10	190	0.035	1
0461001011QS	110	130	10	10	190	0.035	1
0461001012QS	120	140	10	10	190	0.035	1
0461001013QS	130	150	10	10	190	0.035	1
0461001014QS	140	160	10	10	190	0.035	1
0461001015QS	150	170	10	10	190	0.035	1
0461001016QS	160	180	10	10	190	0.035	1
0461001017QS	170	190	10	10	190	0.035	1
0461001018QS	180	200	10	10	190	0.035	1

STENT

straight, with introducer system "Quick-Set" (1 platinum ring)



injection port for contrast medium

Order no. Article no.	Stent dimension			Introducer system "Quick-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
Ch.11,5 TPU							
0461101003QS	30	50	11,5	11,5	190	0.035	1
0461101004QS	40	60	11,5	11,5	190	0.035	1
0461101005QS	50	70	11,5	11,5	190	0.035	1
0461101006QS	60	80	11,5	11,5	190	0.035	1
0461101007QS	70	90	11,5	11,5	190	0.035	1
0461101008QS	80	100	11,5	11,5	190	0.035	1
0461101009QS	90	110	11,5	11,5	190	0.035	1
0461101010QS	100	120	11,5	11,5	190	0.035	1
0461101011QS	110	130	11,5	11,5	190	0.035	1
0461101012QS	120	140	11,5	11,5	190	0.035	1
0461101013QS	130	150	11,5	11,5	190	0.035	1
0461101014QS	140	160	11,5	11,5	190	0.035	1
0461101015QS	150	170	11,5	11,5	190	0.035	1
0461101016QS	160	180	11,5	11,5	190	0.035	1
0461101017QS	170	190	11,5	11,5	190	0.035	1
0461101018QS	180	200	11,5	11,5	190	0.035	1

STENT

straight, with introducer system "Jet-Set" (1 and 3 platinum rings)

2



injection port for contrast medium

Order no. Article no.	Stent dimension			Introducer system "Jet-Set"		Suitable guide wire inch	Number of platinum rings	PU
	Length bet- ween flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm			
Ch.7								
0400701003JS	30	50	7	7	205	0.035	1 *)	1
0400701005JS	50	70	7	7	205	0.035	1 *)	1
0400701007JS	70	90	7	7	205	0.035	1 *)	1
0400701010JS	100	120	7	7	205	0.035	1 *)	1
0400701013JS	130	150	7	7	205	0.035	1 *)	1
0400701015JS	150	170	7	7	205	0.035	1 *)	1
0413701003JS	30	50	7	7	260	0.035	1 *)	1
0413701005JS	50	70	7	7	260	0.035	1 *)	1
0413701007JS	70	90	7	7	260	0.035	1 *)	1
0413701010JS	100	120	7	7	260	0.035	1 *)	1
0413701013JS	130	150	7	7	260	0.035	1 *)	1
Ch.8,5								
0400801003JS	30	50	8,5	8,5	205	0.035	3	1
0400801005JS	50	70	8,5	8,5	205	0.035	3	1
0400801007JS	70	90	8,5	8,5	205	0.035	3	1
0400801010JS	100	120	8,5	8,5	205	0.035	3	1
0400801013JS	130	150	8,5	8,5	205	0.035	3	1
0400801015JS	150	170	8,5	8,5	205	0.035	3	1
0400801016JS	160	180	8,5	8,5	205	0.035	3	1
0400801017JS	170	190	8,5	8,5	205	0.035	3	1
0400801018JS	180	200	8,5	8,5	205	0.035	3	1

*) guiding catheter with inside platinum ring

STENT

straight, with introducer system "Jet-Set" (3 platinum rings)



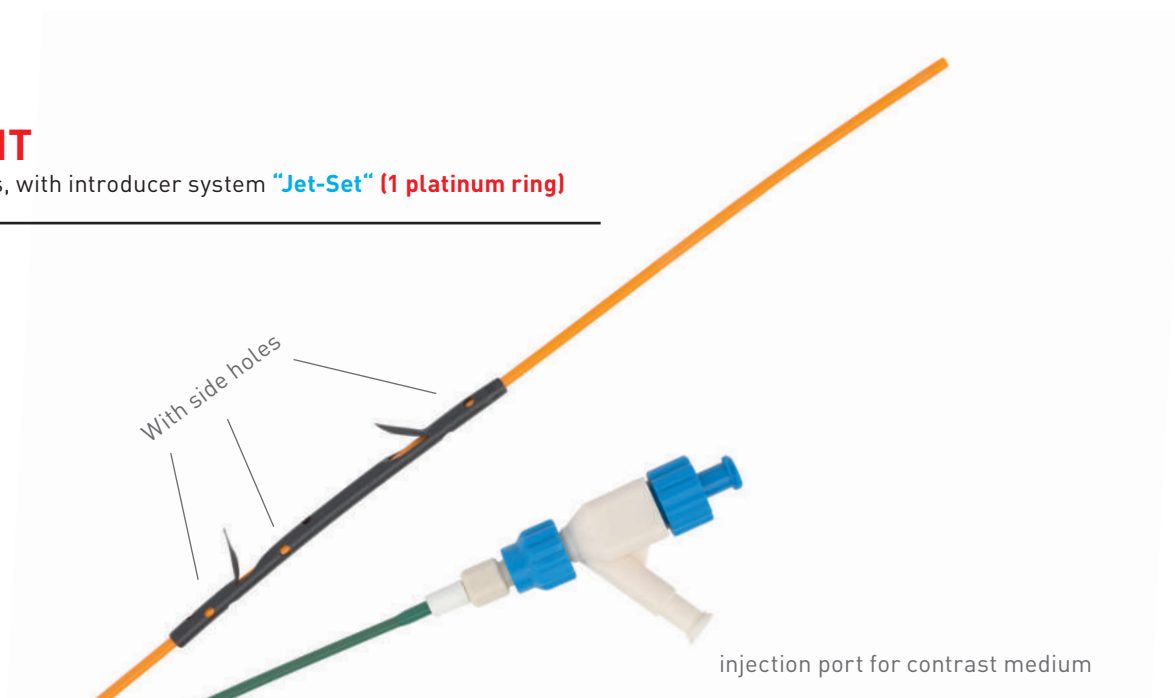
injection port for contrast medium

Order no. Article no.	Stent dimension			Introducer system "Jet-Set"		Suitable guide wire inch	Number of platinum rings	PU
	Length bet- ween flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm			
Ch.10								
0401001003JS	30	50	10	10	205	0.035	3	1
0401001005JS	50	70	10	10	205	0.035	3	1
0401001007JS	70	90	10	10	205	0.035	3	1
0401001010JS	100	120	10	10	205	0.035	3	1
0401001013JS	130	150	10	10	205	0.035	3	1
0401001015JS	150	170	10	10	205	0.035	3	1
0401001016JS	160	180	10	10	205	0.035	3	1
0401001017JS	170	190	10	10	205	0.035	3	1
0401001018JS	180	200	10	10	205	0.035	3	1
Ch.11,5								
0401101003JS	30	50	11,5	10	205	0.035	3	1
0401101005JS	50	70	11,5	10	205	0.035	3	1
0401101007JS	70	90	11,5	10	205	0.035	3	1
0401101010JS	100	120	11,5	10	205	0.035	3	1
0401101013JS	130	150	11,5	10	205	0.035	3	1
0401101015JS	150	170	11,5	10	205	0.035	3	1
0401101016JS	160	180	11,5	10	205	0.035	3	1
0401101017JS	170	190	11,5	10	205	0.035	3	1
0401101018JS	180	200	11,5	10	205	0.035	3	1

STENT

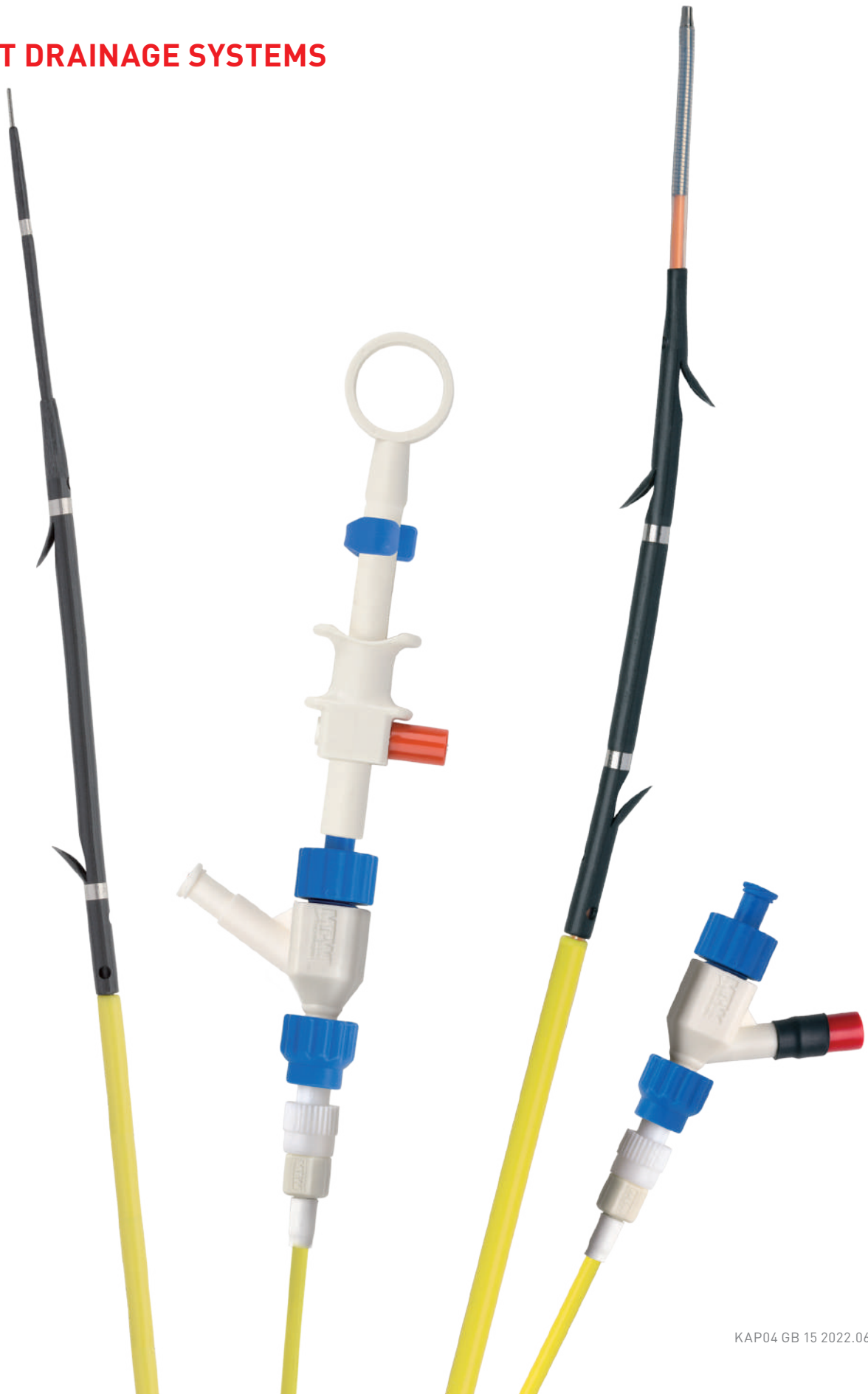
Pancreas, with introducer system "Jet-Set" (1 platinum ring)

2



Order no. Article no.	Stent dimension			Introducer system "Jet-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
Ch.7							
0430701003JS	30	50	7	7	205	0.035	1
0430701005JS	50	70	7	7	205	0.035	1
0430701007JS	70	90	7	7	205	0.035	1
0430701009JS	90	110	7	7	205	0.035	1

CYST DRAINAGE SYSTEMS

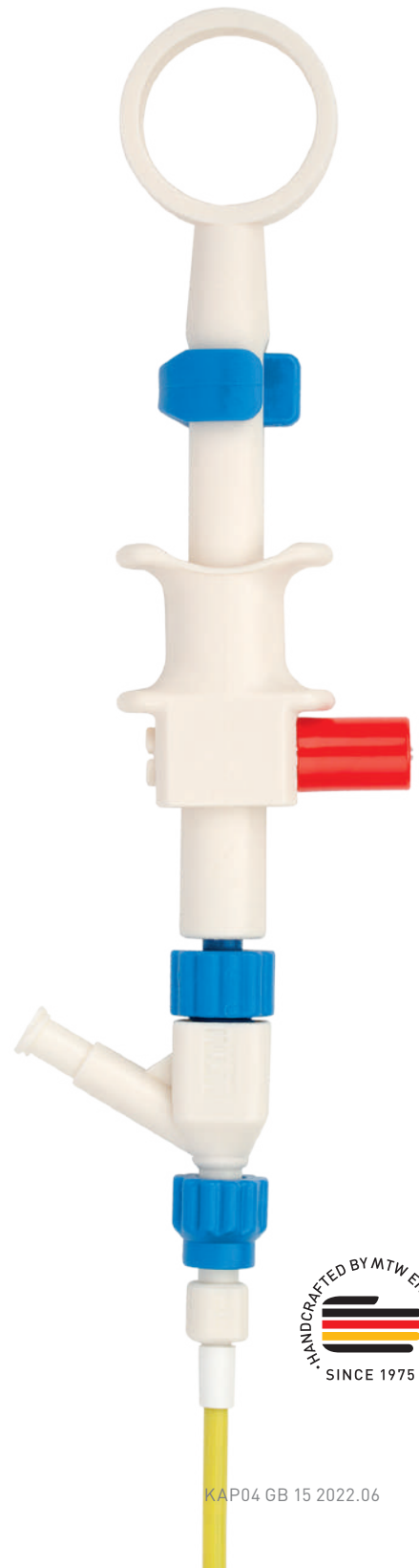
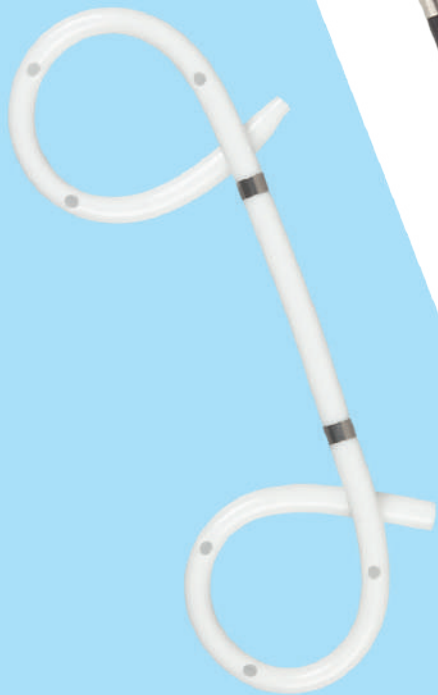


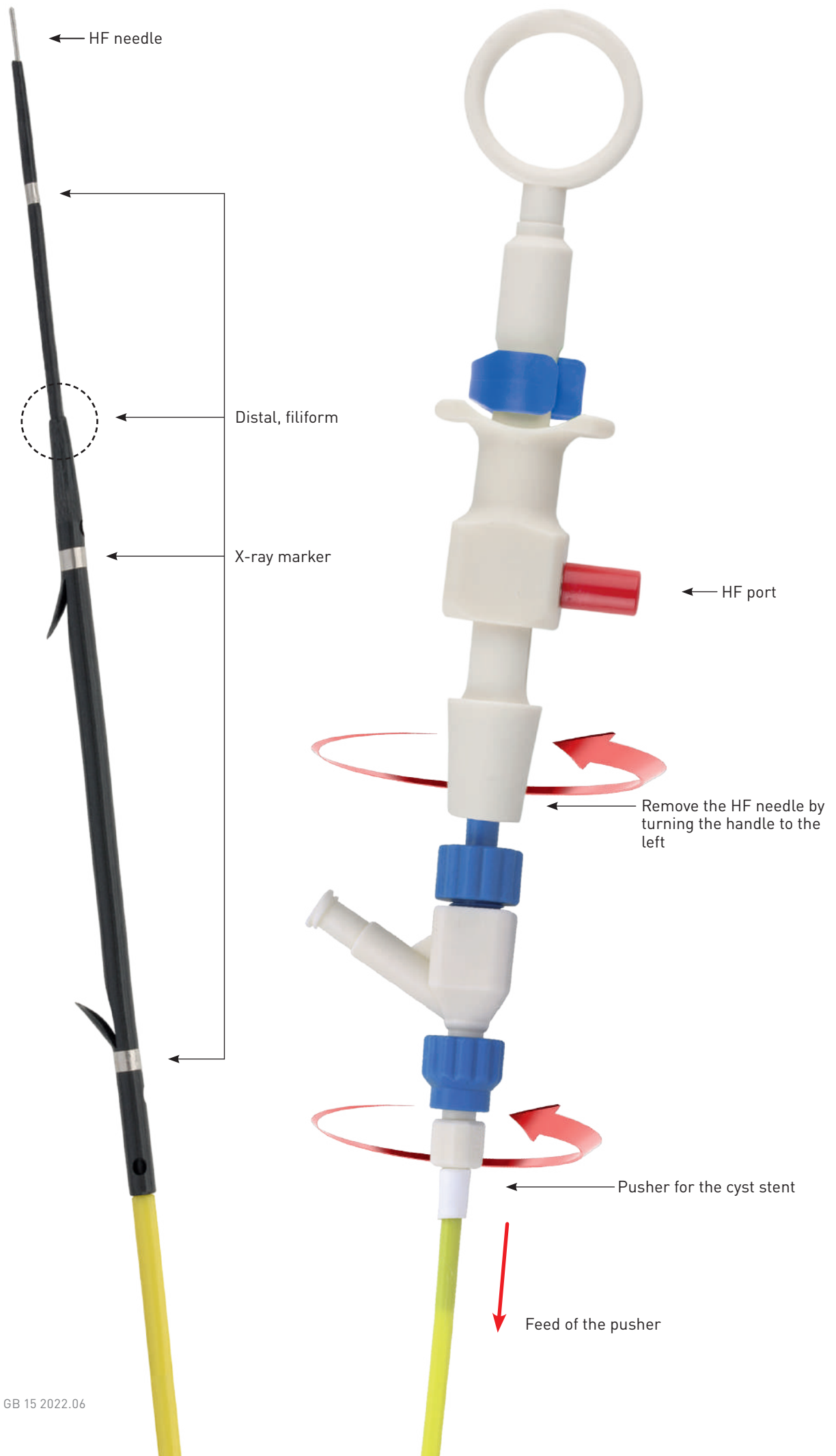
Cyst drainage systems and Cyst drainage enlarger system

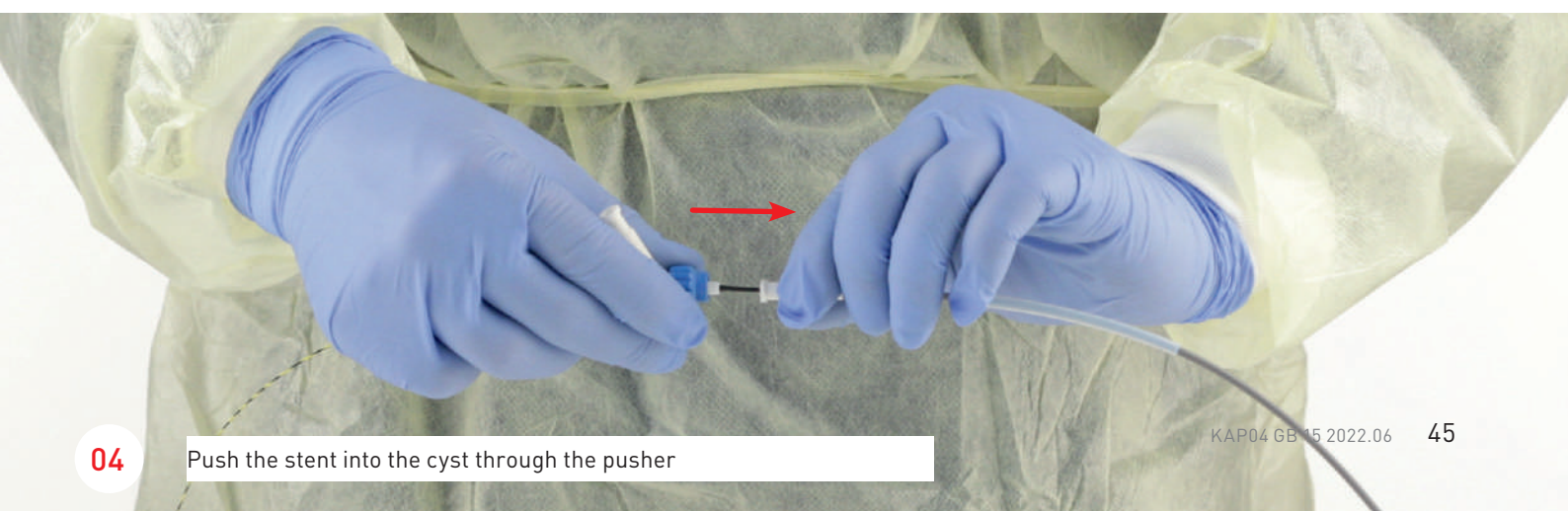
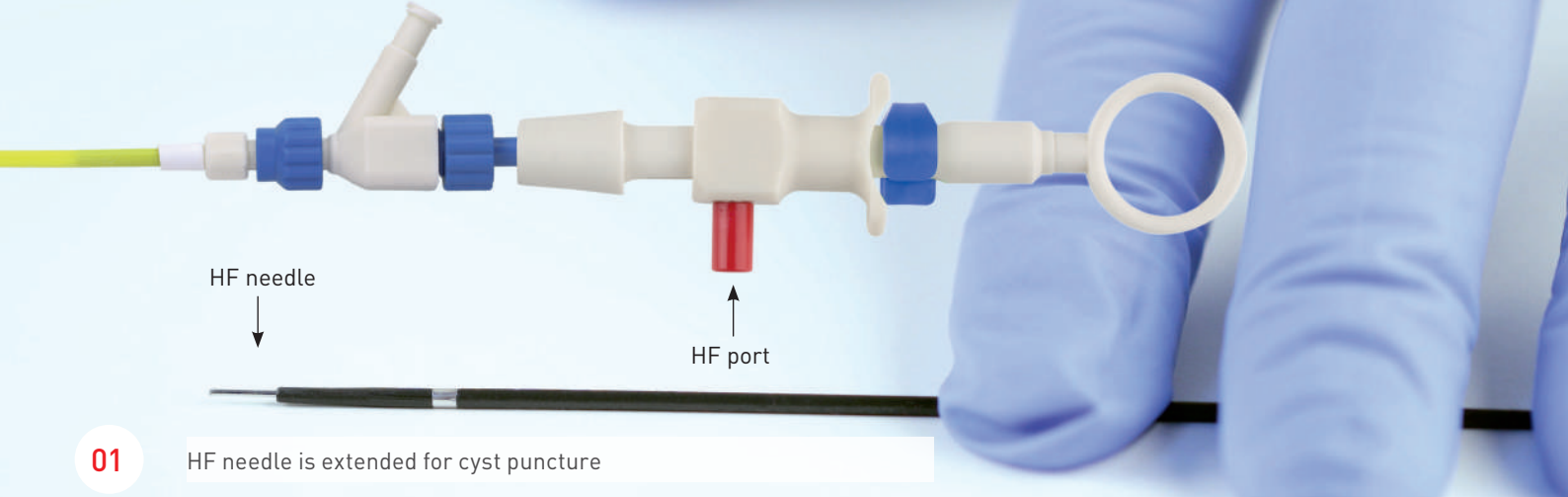
Dr. C. Grotjahn

Cyst drainage systems

Prof. Dr. Wedemeyer







Cyst drainage system

These cyst drainage systems consist of a cystostome with a pushed-on pusher and a pushed-on straight stent with platinum rings (Cyst drainage system Dr. Grotjahn) or a cystostome with a pushed-on pusher and an enclosed double pigtail stent with platinum rings (Cyst drainage system Dr. Grotjahn, modified according to Prof. Dr. Wedemeyer). The attached stent can be placed for cyst drainage without changing instruments.

Removable connections

The puncture wire can be removed and replaced by a guide wire (0.035 inches).

Application of the cyst drainage system

Figure 1

Use of color doppler to exclude larger vessels in the stomach or cyst wall prior to the planned puncture. Endosonographic representation of a large, not quite anechoic free, pancreatic pseudocyst.

Figure 2

Position of the cystostome after puncture of the cyst using HR-current.

Figure 3:

Corresponding image for figure 2 in the fluoroscopic control.

Figure 4:

If necessary, the cyst can be filled with a contrast agent. In the photographic situation, the puncture wire is replaced by a guide wire under radiological/endosonographic control. This creates a more stable access to the cyst which allows the direct placement of the pre-loaded stent via the cystostome.

Figure 5

The already pre-loaded stent can be easily pushed forward in the pseudocyst under endoscopic and / or radiological control after loosening the pusher. Similar to ERCP, the last flap respectively the second metal ring has yet to be identified in the stomach.

Figure 6

Final radiological control: The two platinum rings allow the rapid identification of the stent position.

Figure 7

Endoscopic control of the effective drainage.

Figure 8

In the present case, greenish tinged liquid.

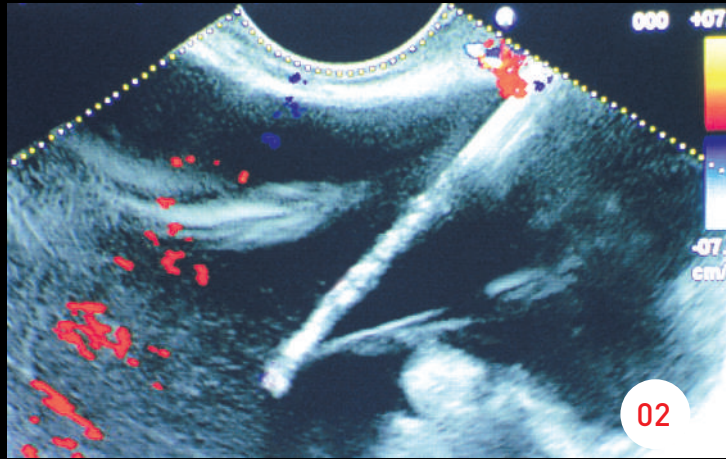
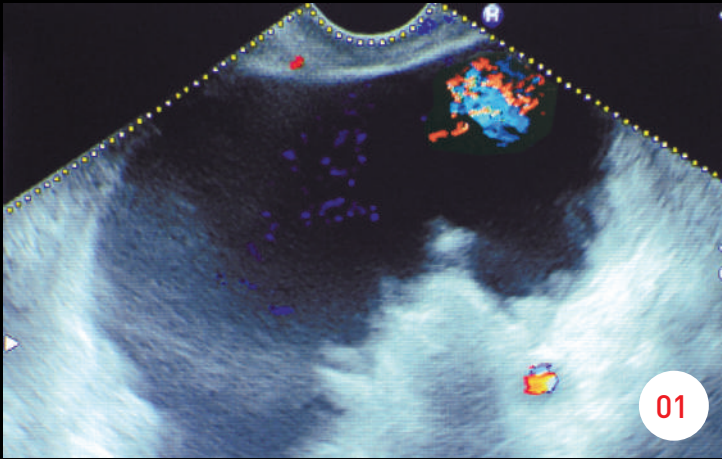
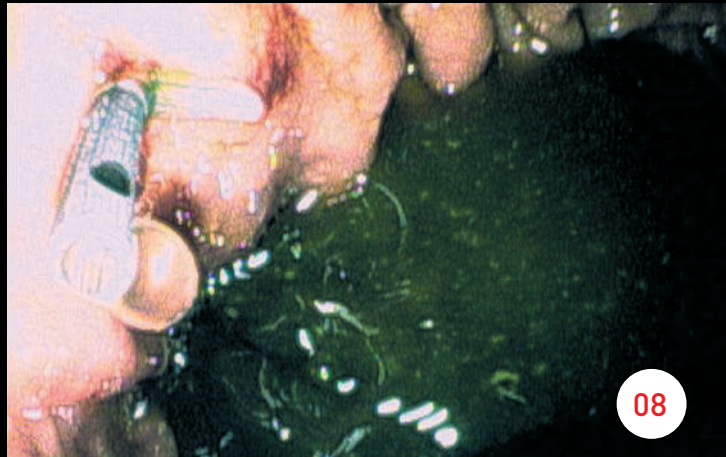
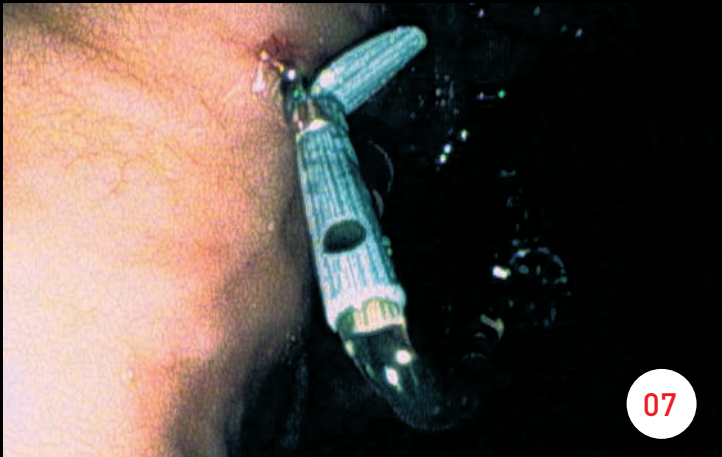
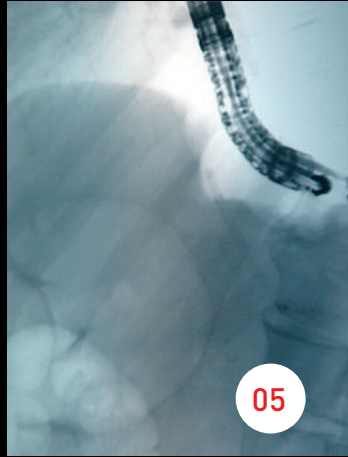
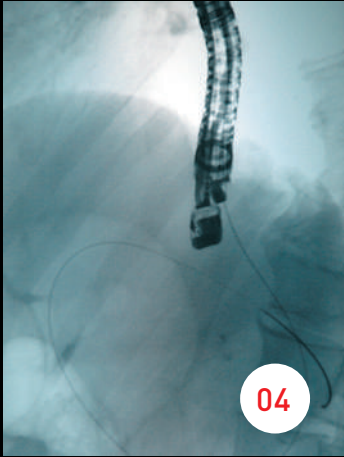
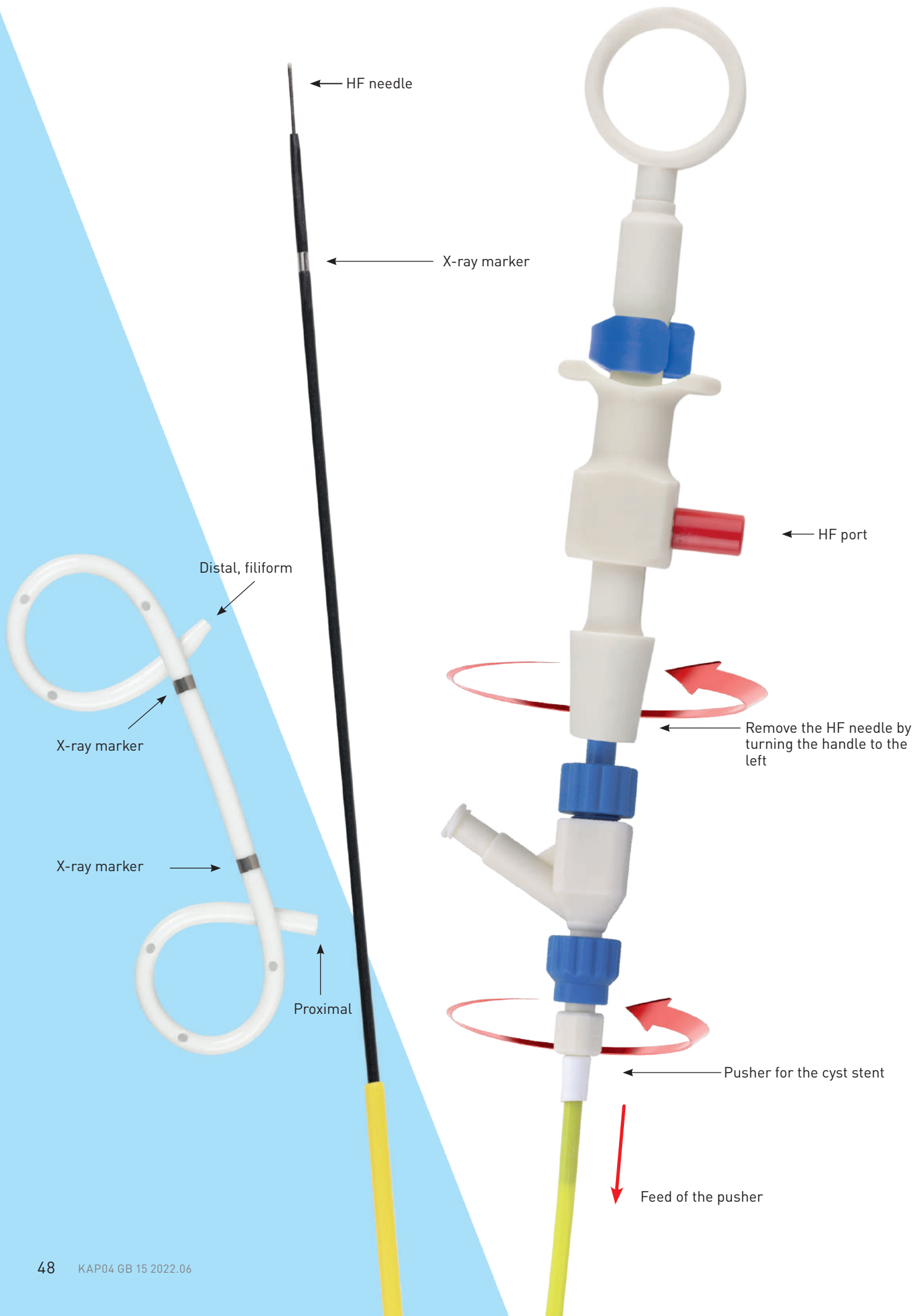


Abbildung 01





01

The attached insertion aid is intended to prevent kinking of the stent and thus ensure optimal placement of the double-pigtail stent.

02

Place the insertion aid on the tip of the proximal pigtail and carefully push it further until the pigtail is completely straightened out.

03

Slide the straightened proximal pigtail, including the straight section of the stent on to the distal end of the needle. Continue to push the insertion aid distally until the distal pigtail is also straightened.

04

Advance the complete straightened double-pigtail stent further up to the pusher and remove the insertion aid.

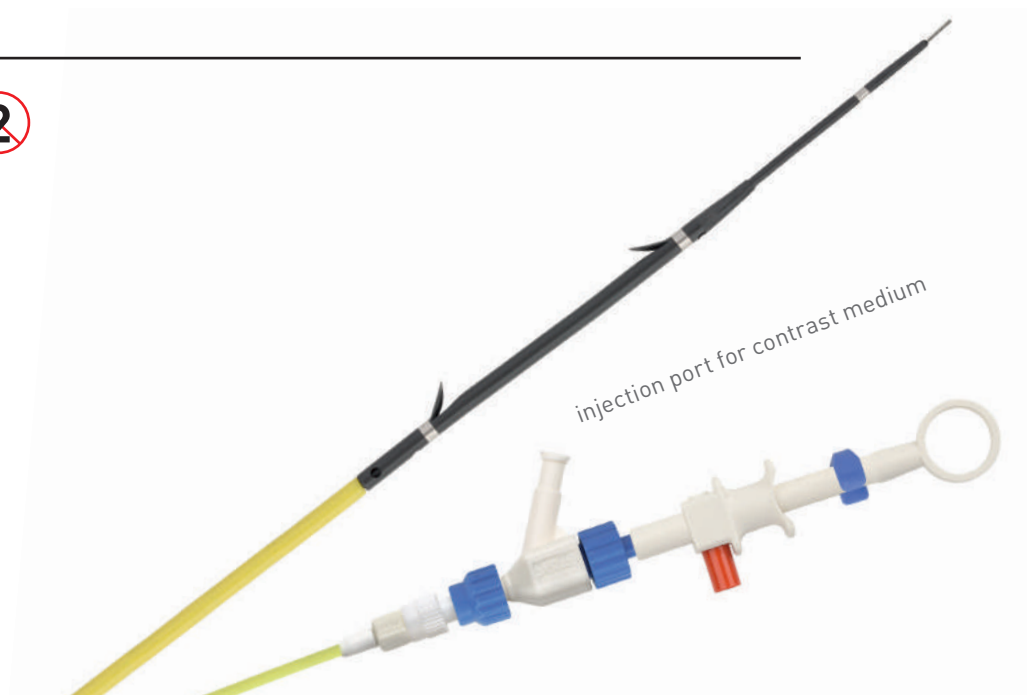
05

Make sure the tapered end of the stent is facing distally.

Distal, filiform

CYST DRAINAGE SYSTEMS DR. GROTJAHN

2

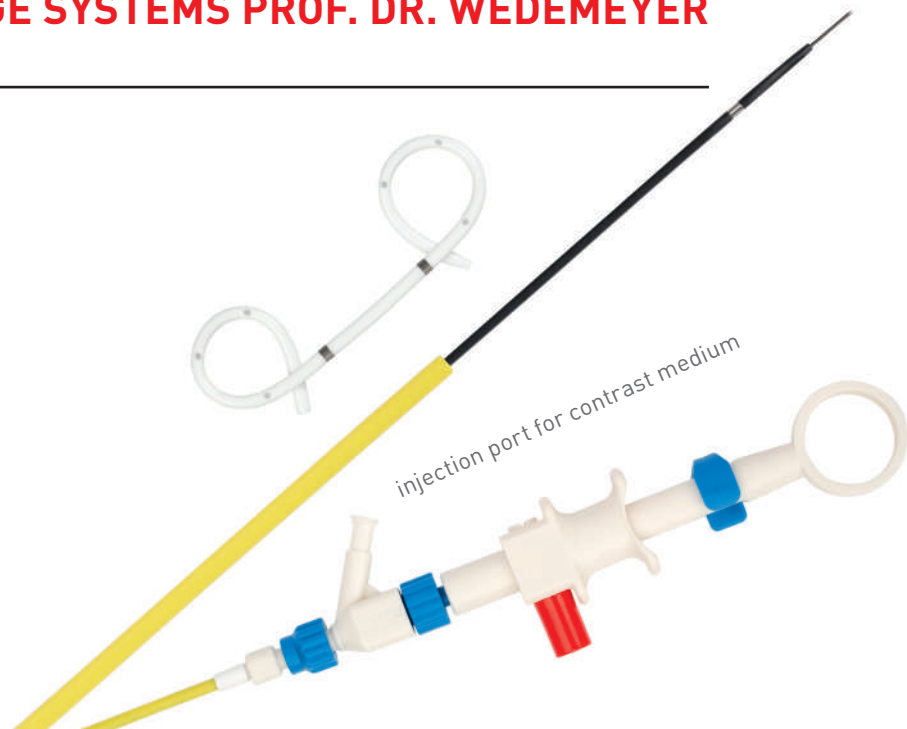


Order no.	Article no.	Cyst drainage systems consisting of:	Extension mm	Guide wire inch	Diameter	Length	PU
04801003 x2 	04801003	Cystostome Pusher Straight Stent 2 platinum rings	5	0.035	Cystostome: 5 Ch. Pusher: 10 Ch. Stent: 10 Ch.	Cystostome: 195 cm Pusher: 155 cm Total length (Stent): 80 mm Length between flaps (Stent): 50 mm	2
04800803 x2 	04800803	Cystostome Pusher Straight Stent 2 platinum rings	5	0.035	Cystostome: 5 Ch. Pusher: 8,5 Ch. Stent: 8,5 Ch.	Cystostome: 195 cm Pusher: 155 cm Total length (Stent): 80 mm Length between flaps (Stent): 50 mm	2
04800503 x2  For puncture from the duodenum	04800503	Cystostome Pusher Straight Stent 2 platinum rings	5	0.035	Cystostome: 5 Ch. Pusher: 8,5 Ch. Stent: 8,5 Ch.	Cystostome: 195 cm Pusher: 155 cm Total length (Stent): 50 mm Length between flaps (Stent): 20 mm	2

Figure shows article REF 04801003

CYST DRAINAGE SYSTEMS PROF. DR. WEDEMEYER

2



Order no.	Article no.	Cyst drainage systems consisting of:	Extension mm	Guide wire inch	Diameter	Length	PU
04801053 x2 	04801053	Cystostome Pusher Stent, double-pigtail, TPU, 2 platinum rings	5	0.035	Cystostome: 5 Ch. Pusher: 10 Ch. Stent: 10 Ch.	Cystostome: 195 cm Pusher: 155 cm Total length (Stent): 80 mm Straight part (Stent): 30 mm	2
04800853 x2 	04800853	Cystostome Pusher Stent, double-pigtail, TPU, 2 platinum rings	5	0.035	Cystostome: 5 Ch. Pusher: 8,5 Ch. Stent: 8,5 Ch.	Cystostome: 195 cm Pusher: 155 cm Total length (Stent): 80 mm Straight part (Stent): 30 mm	2

CYST DRAINAGE ENLARGER SYSTEM DR. GROTJAHN

2



injection port for contrast medium

Order no.	Article no.	Cyst drainage enlarger system consisting of:	Guide wire inch	Diameter	Length	PU
04901003 x2 	04901003	Guiding catheter Pusher Straight Stent 2 platinum rings	0.035	Guiding catheter: 5 Ch. Pusher: 10 Ch. Stent: 10 Ch.	Guiding catheter: 195 cm Pusher: 155 cm Total length (Stent): 80 mm Length between flaps (Stent): 50 mm	2

Recommended guide wires:

Order no.	Article no.	Outer diameter inch	Special features	Length cm	PU
003946	003946	0.035	"Snap-Tip" kink-resistant guide wire	460	1
003926	003926	0.035	"Snap-Tip" kink-resistant guide wire	260	1

CYST DRAINAGE- STENT SINGLE

Prof. Dr. Wedemeyer

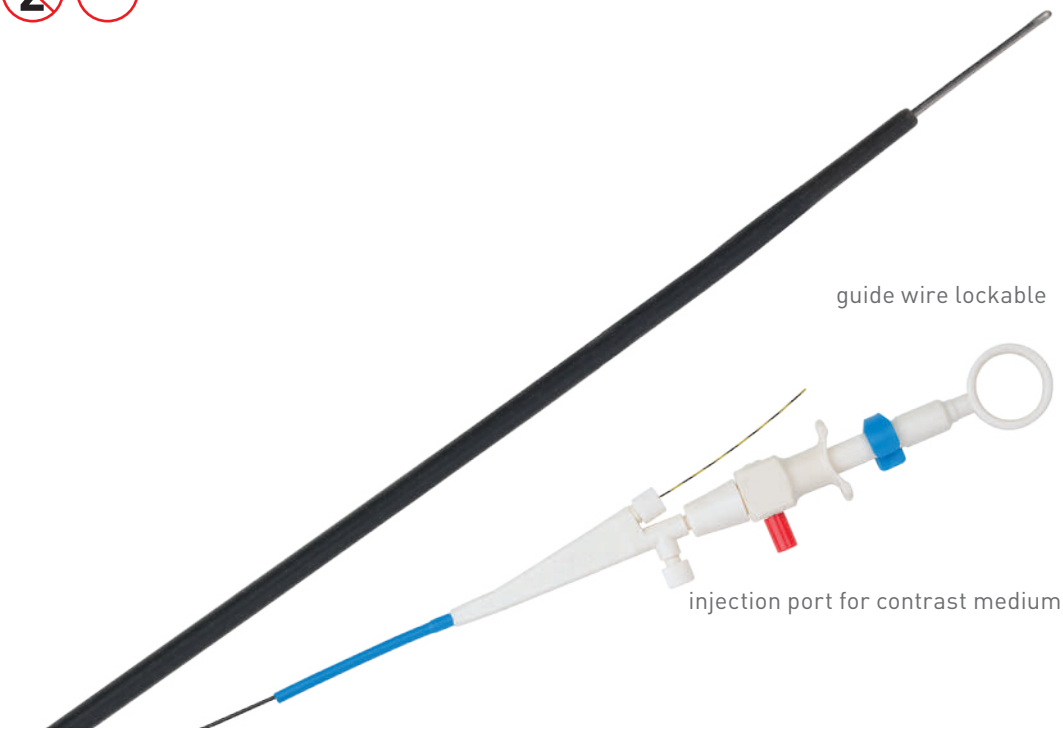
2



Order no.	Article no.	Cyst drainage extension consisting of:	Extension mm	Guide wire inch	Diameter	Length	PU
0480804503	0480804503	Stent, double- pigtail, TPU, 2 platinum rings	5	0.035	Stent: 8,5 Ch.	Total length (Stent): 80 mm Straight part (Stent): 30 mm	1
0480104503	0480104503	Stent, double- pigtail, TPU, 2 platinum ringse	5	0.035	Stent: 10 Ch.	Total length (Stent): 80 mm Straight part (Stent): 30 mm	1

CYSTOSTOME

filiform



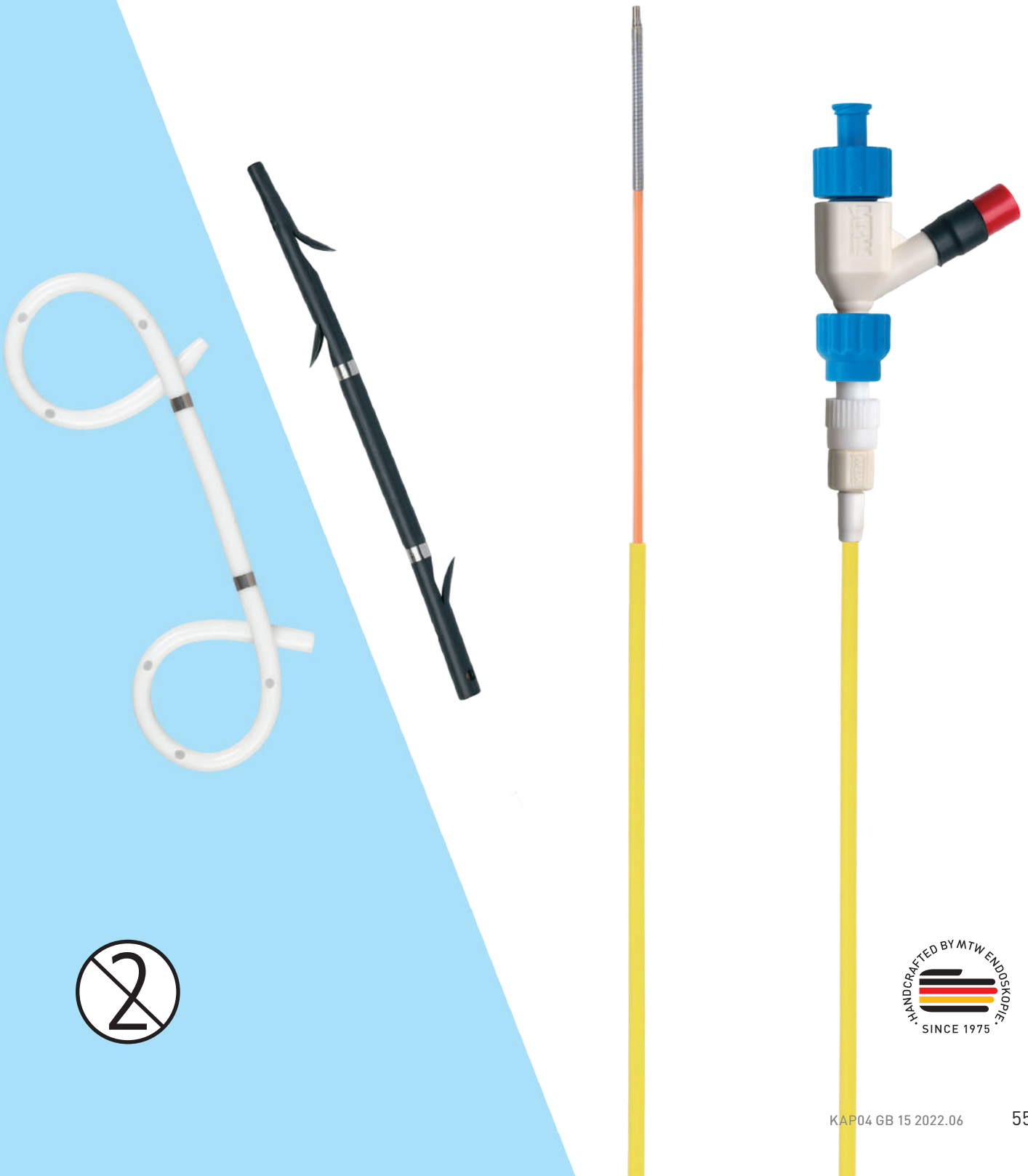
Order no.	Article no.	Needle diameter mm	Needle length mm	For guide wire inch	Diameter mm	Length cm	PU
99023892 x2	99023892	0,6	10	0.035	1,7	200	2

Ring knife systems

Prof. Dr. U. Will

Ring knife

Prof. Dr. U. Will



Ring knife for therapy of pseudocysts

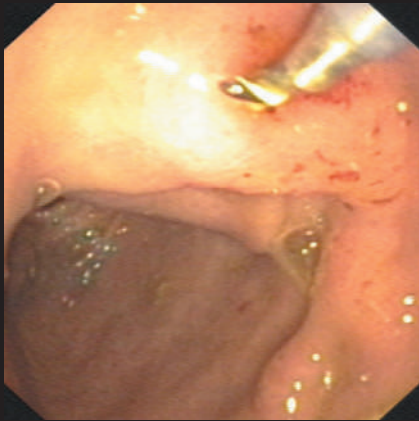


Figure 1

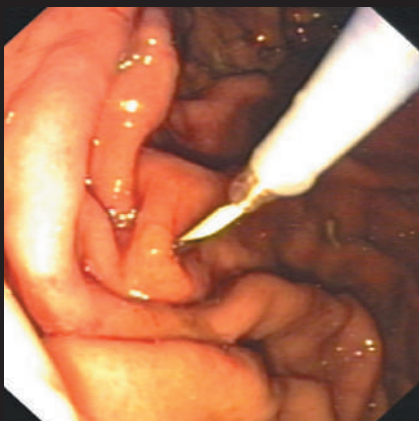


Figure 2

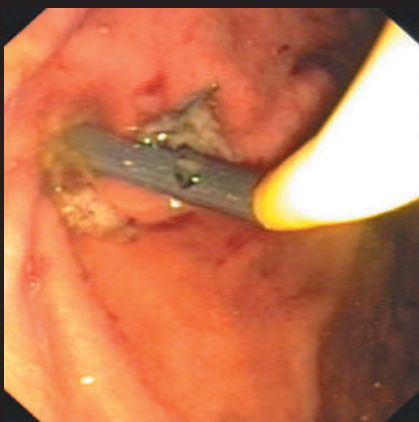


Figure 3

Ring knife for EUS-guided internal biliary and pancreatic duct drainage

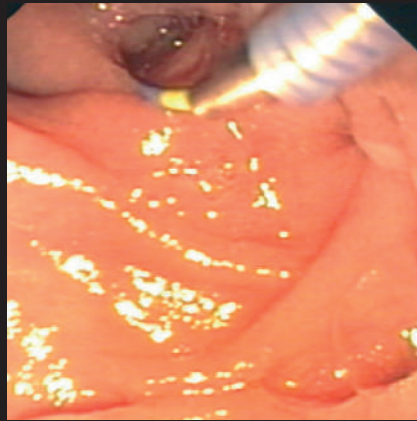


Figure 4

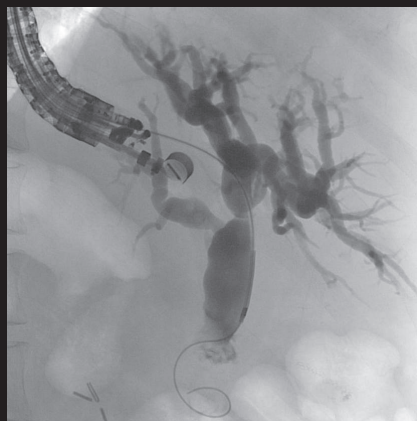


Figure 5

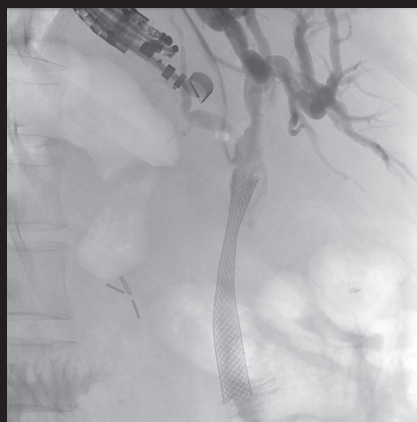


Figure 6

Ring knife systems & Ring knife

Prof. Dr. U. Will

The ring knife is developed for creating access to the target lesion using HF current in the context of an endosonographic intervention.

The ring knife systems consist of a ring knife with a pushed-on and connected pusher and a preloaded 3-flap straight stent or a ring knife with a pushed-on and connected pusher and an enclosed double pigtail stent with platinum rings.

After creating access to the target lesion, the stent can be placed for drainage without changing instruments.

Figure 1 and 2

After EUS-FNA of a pseudocyst, the ring knife is positioned above the lying guide wire and a cystostomy is performed.

Figure 3

After the cystostomy a drainage is introduced via the ring knife support system during the same session.

Figure 4

Jaundice caused by local recurrence of gastric cancer

1. Transjejunal EUS-puncture of the biliary tract
2. The ring knife is pushed into the common biliary duct

Figure 5

1. Good visibility of the knife
2. Widening of the tumor stenosis by ring knife

Figure 6

Transjejunal-transhepatic insertion of a covered metal stent.
Bridging of the tumor stenosis of the bile duct and restoration of the orthograde drainage.

Ring knife system with **straight Stent**

Prof. Dr. U. Will

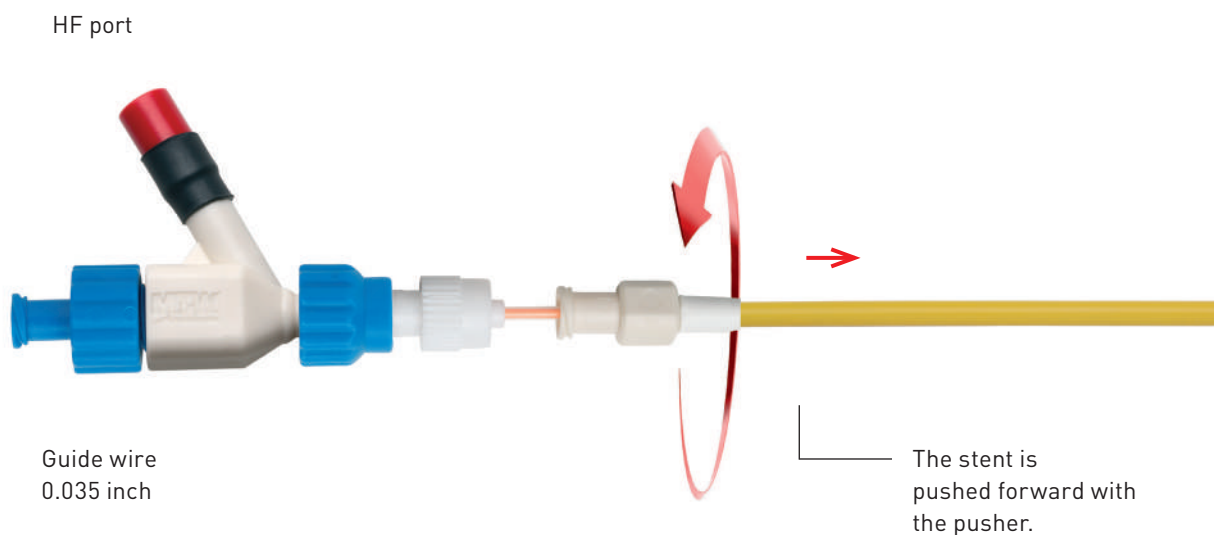
The ring knife system consists of a ring knife with a pushed-on and connected pusher and a preloaded 3-flap straight Stent. After gaining access to the target lesion, the stent can be placed for drainage without changing instruments.



HF-Ring knife
cutting tip



Stent, 3-flap



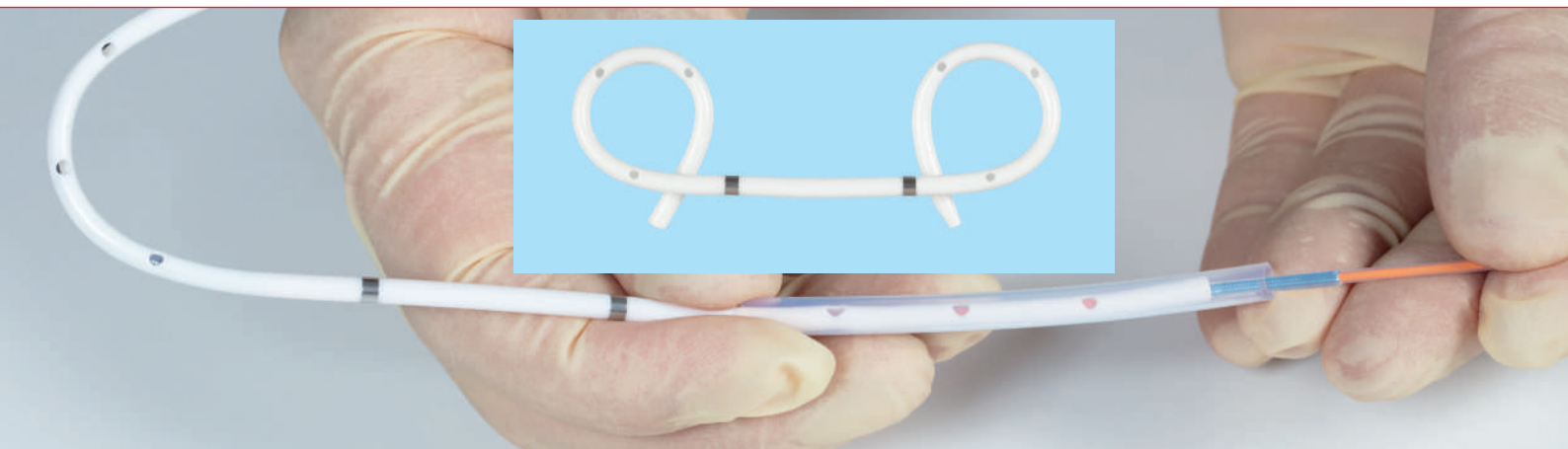
Ring knife system with **double pigtail stent**

Prof. Dr. U. Will

The ring knife system consists of a ring knife with a pushed-on and connected pusher and a enclosed double pigtail stent. After gaining access to the target lesion, the stent can be placed for drainage without changing instruments.

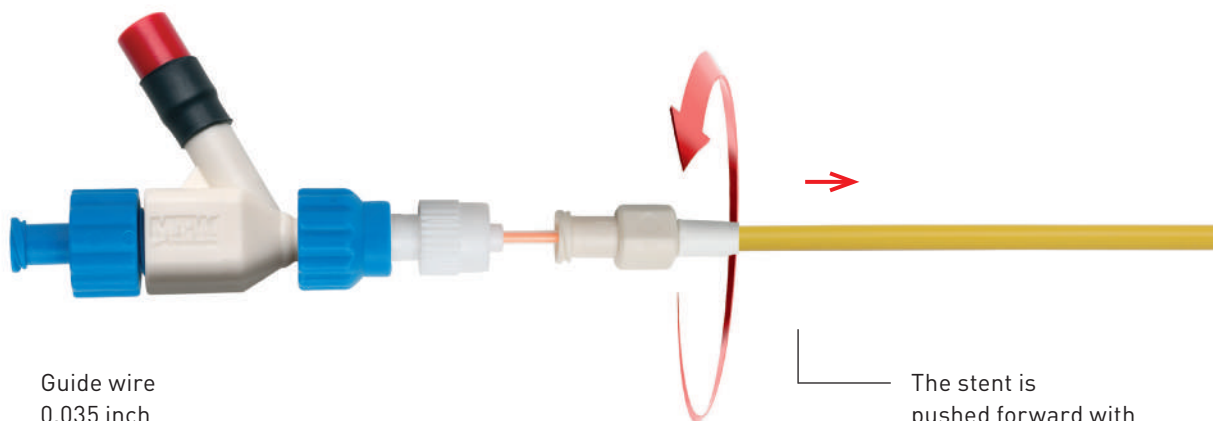


HF-Ring knife
cutting tip



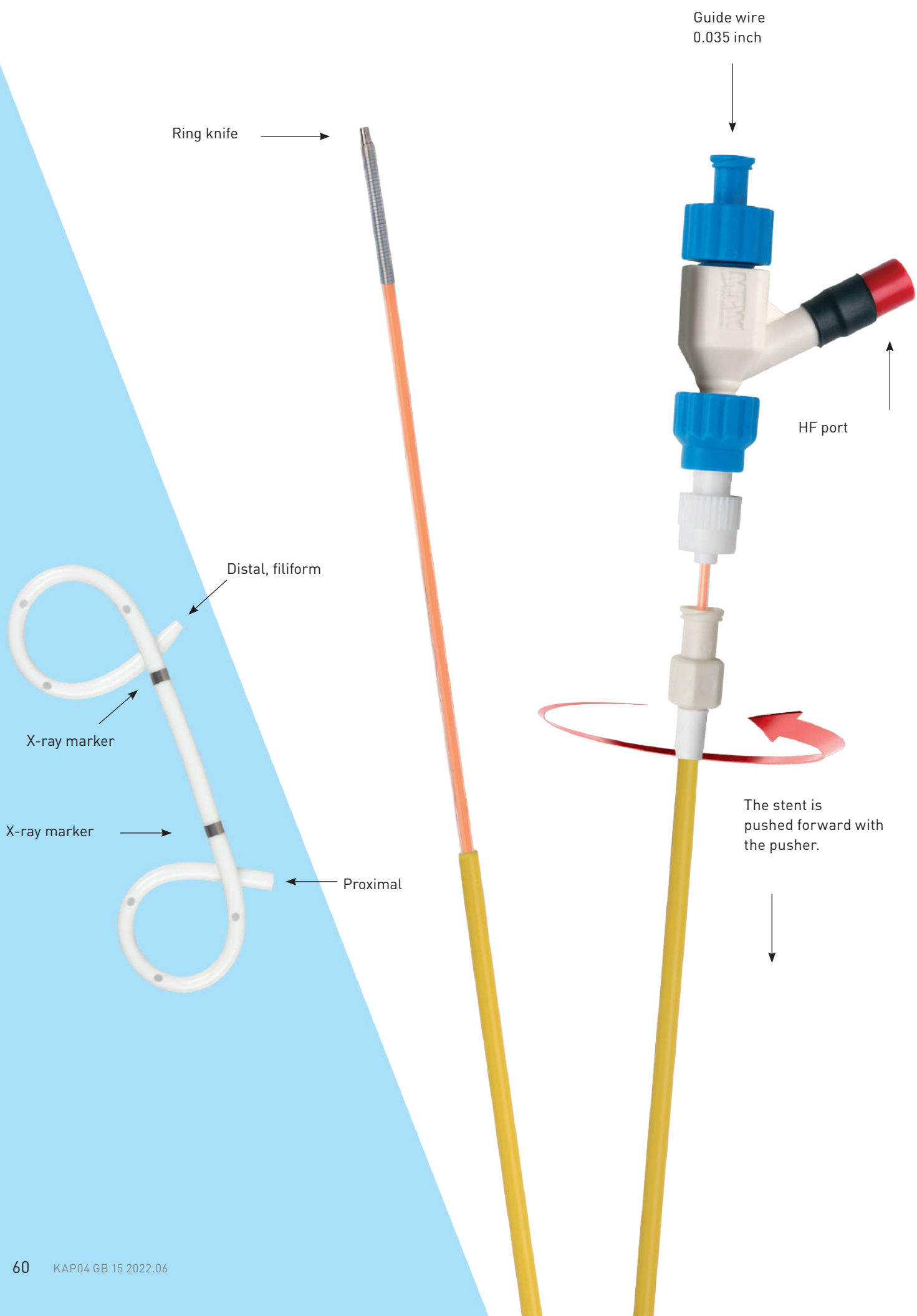
Double pigtail stent with ring knife

HF port



Guide wire
0.035 inch

The stent is
pushed forward with
the pusher.



01

The attached insertion aid is intended to prevent kinking of the stent and thus ensure optimal placement of the double-pigtail stent.

02

Place the insertion aid on the tip of the proximal pigtail and carefully push it further until the pigtail is completely straightened out.

03

Slide the straightened proximal pigtail, including the straight section of the stent on to the distal end of the needle. Continue to push the insertion aid distally until the distal pigtail is also straightened.

04

Advance the complete straightened double-pigtail stent further up to the pusher and remove the insertion aid.

Proximal

05

Make sure the tapered end of the stent is facing distally.

Distal, filiform

RING KNIFE SYSTEM PROF. DR. U. WILL

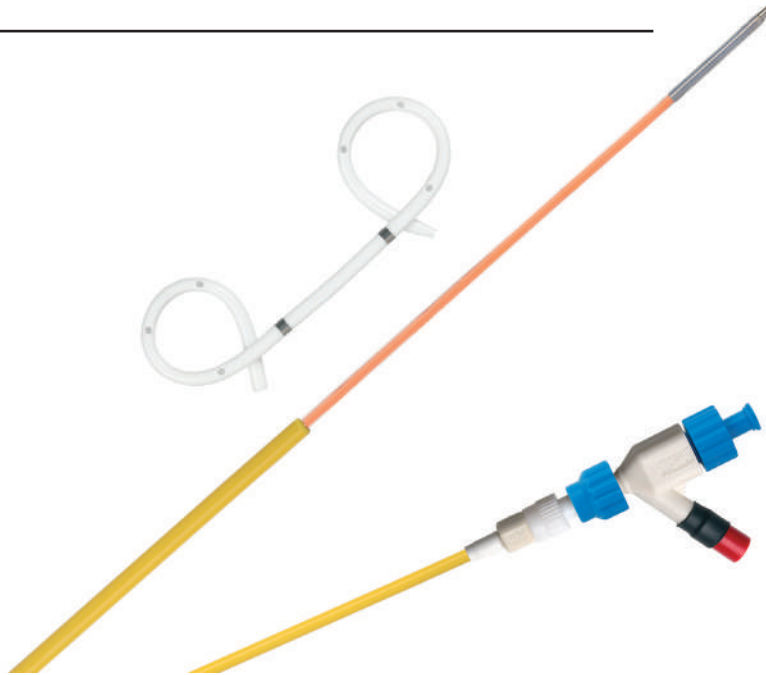
2



Order no.	Article no.	Ring knife system consisting of:	For guide wire inch	Diameter	Length	PU
04821003 x2	04821003	Ring knife	0.035	Ring knife: 1,8 mm	Ring knife: 215 cm	2
		Pusher				
		Stent straight		Pusher: 10 Ch.	Pusher: 165 cm	
		PTFE		Stent: 10 Ch.	Stent:	
		2 platinum rings			Total length: 80 mm	
					Length between flaps: 30 mm	

RING KNIFE SYSTEM PROF. DR. U. WILL

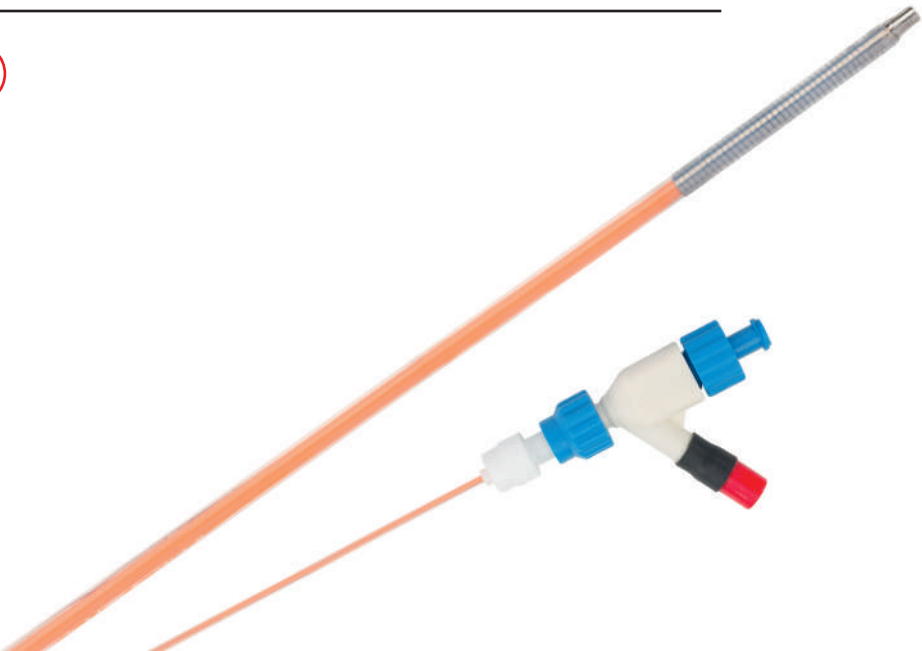
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Order no.	Article no.	Ring knife system consisting of:	For guide wire inch	Diameter	Length	PU
04821053 x2 	04821053	Ring knife Pusher, Stent, double-pigtail, TPU, 2 platinum rings	0.035	Ring knife: 1,8 mm Pusher: 10 Ch. Stent: 10 Ch.	Ring knife: 215 cm Pusher: 165 cm Stent: Total length: 80 mm Straight part: 30 mm	2

RING KNIFE PROF. DR. U. WILL

2



Order no.	Article no.	For guide wire inch	Diameter mm	Length cm	PU
04821000 x2	04821000	0.035	1,8	215	2

COLOUR CODES AND SYMBOLS



— Disposable products



— Reusable products

POLYPECTOMY SNARES

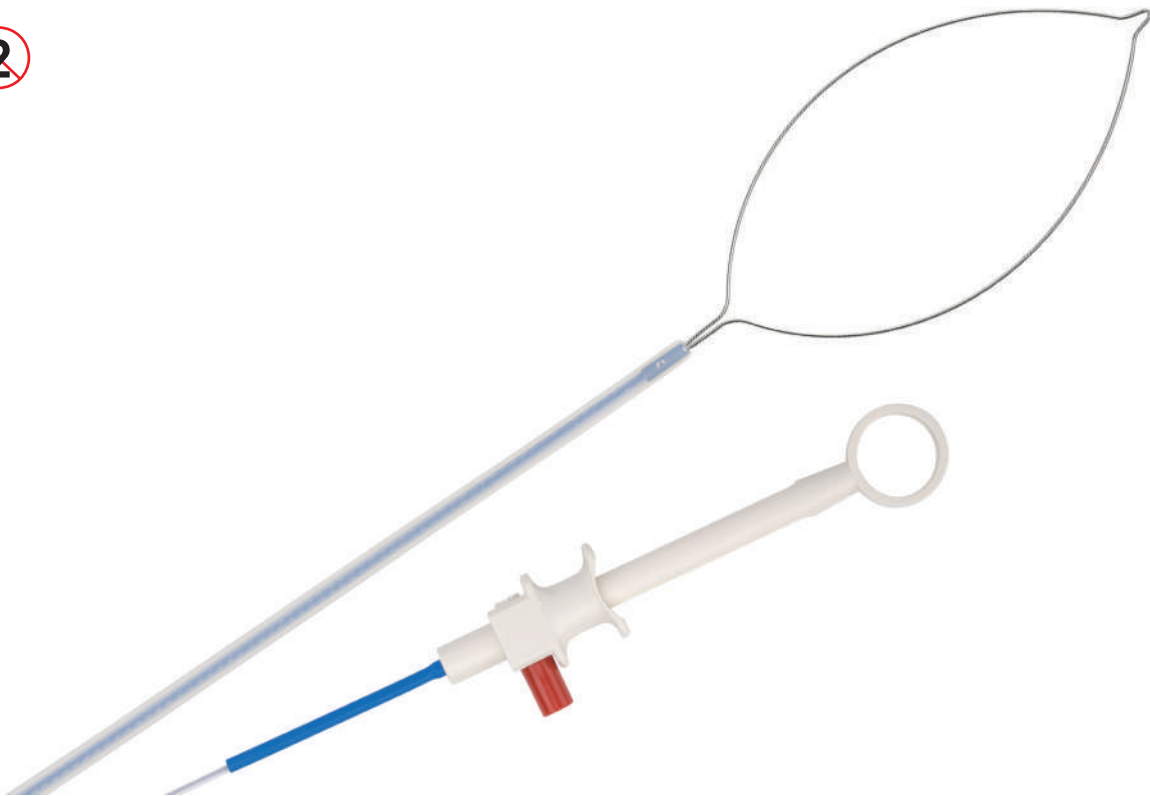
05

POLYPECTOMY SNARES



POLYPECTOMY SNARES, SYMMETRICAL

2

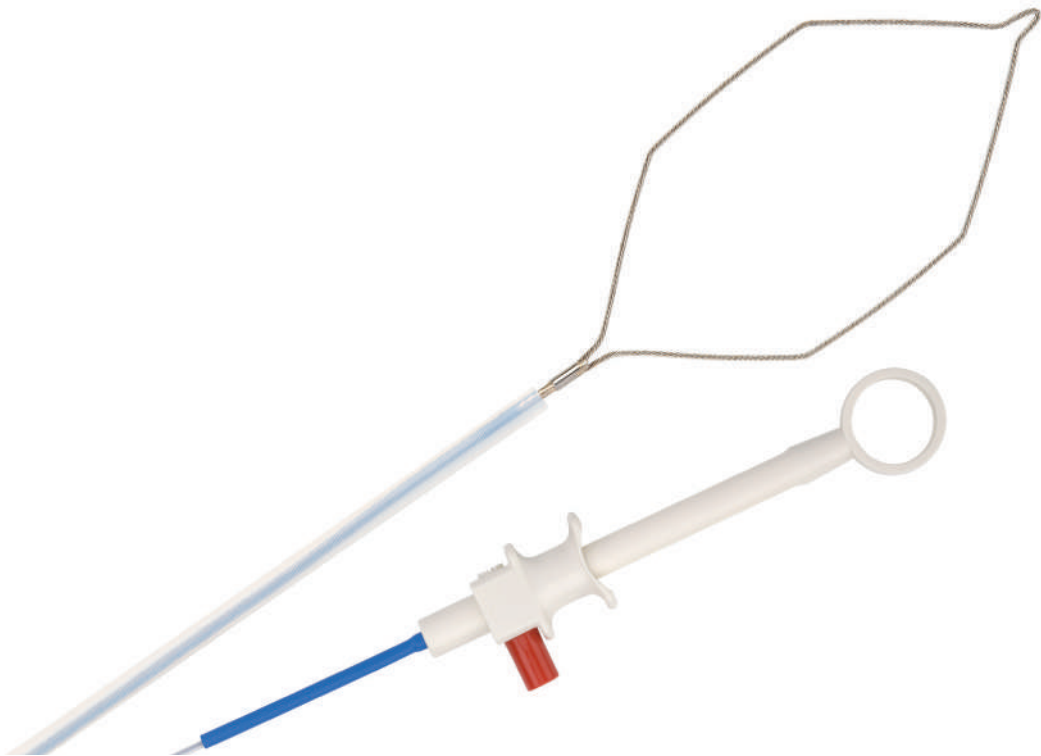


Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99052011202 x10	99052011202	10 x 20	twisted	2,3	230	10
99052011222 x10	99052011222	15 x 30	twisted	2,3	230	10
99052011212 x10	99052011212	20 x 40	twisted	2,3	230	10
99052011242 x10	99052011242	25 x 50	twisted	2,3	230	10
99054011122 x5	99054011122	20 x 40	twisted	1,8	250	5
99054011212 x5	99054011212	20 x 40	twisted	2,3	250	5
99054011132 x5	99054011132	30 x 55	twisted	1,8	250	5
99052011232 x10	99052011232	30 x 55	twisted	2,3	230	10
99054011232 x5	99054011232	30 x 55	twisted	2,3	250	5
99052011205 x10	99052011205	10 x 25	monofil	2,3	230	10
99052011215 x10	99052011215	15 x 30	monofil	2,3	230	10
99052011225 x10	99052011225	20 x 40	monofil	2,3	230	10
99052011235 x10	99052011235	25 x 50	monofil	2,3	230	10
99054011235 x5	99054011235	25 x 50	monofil	2,3	250	5
99052011245 x5	99052011245	35 x 70	monofil	2,3	230	5

Figure shows article REF 99052011232

POLYPECTOMY SNARES, HEXAGONAL

2

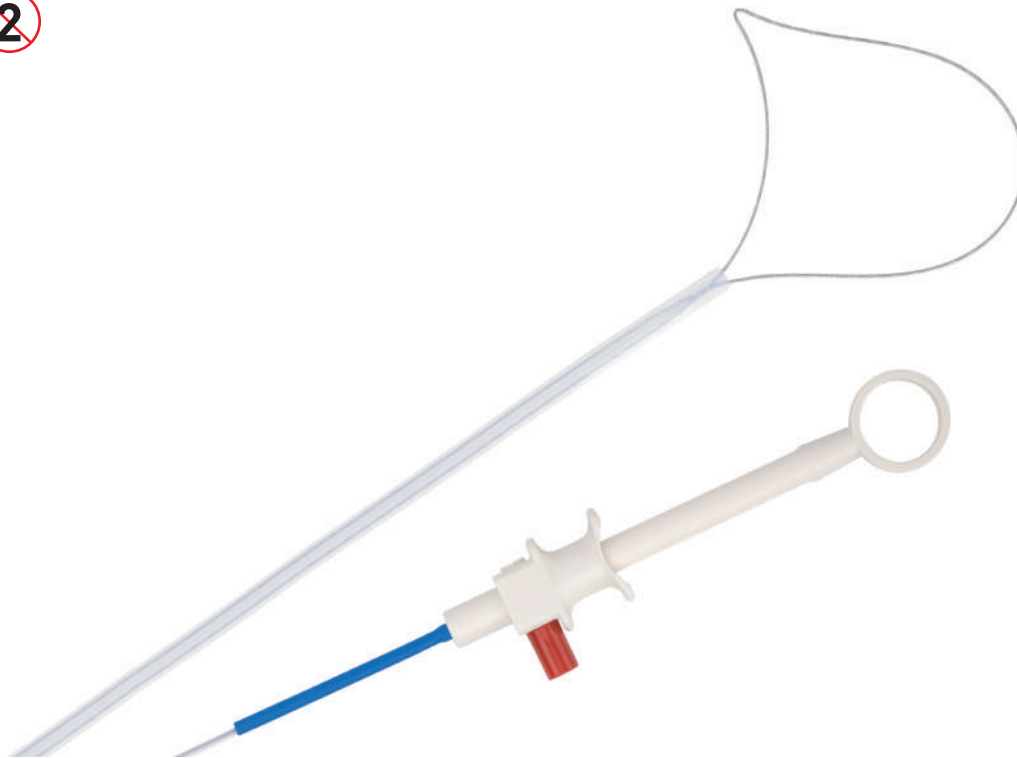


Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99054011114 x5	99054011114	15 x 30	twisted	1,8	250	5
99052011234 x10	99052011234	30 x 50	twisted	2,3	230	10

Figure shows article REF 99052011234

POLYPECTOMY SNARES, ASYMMETRICAL

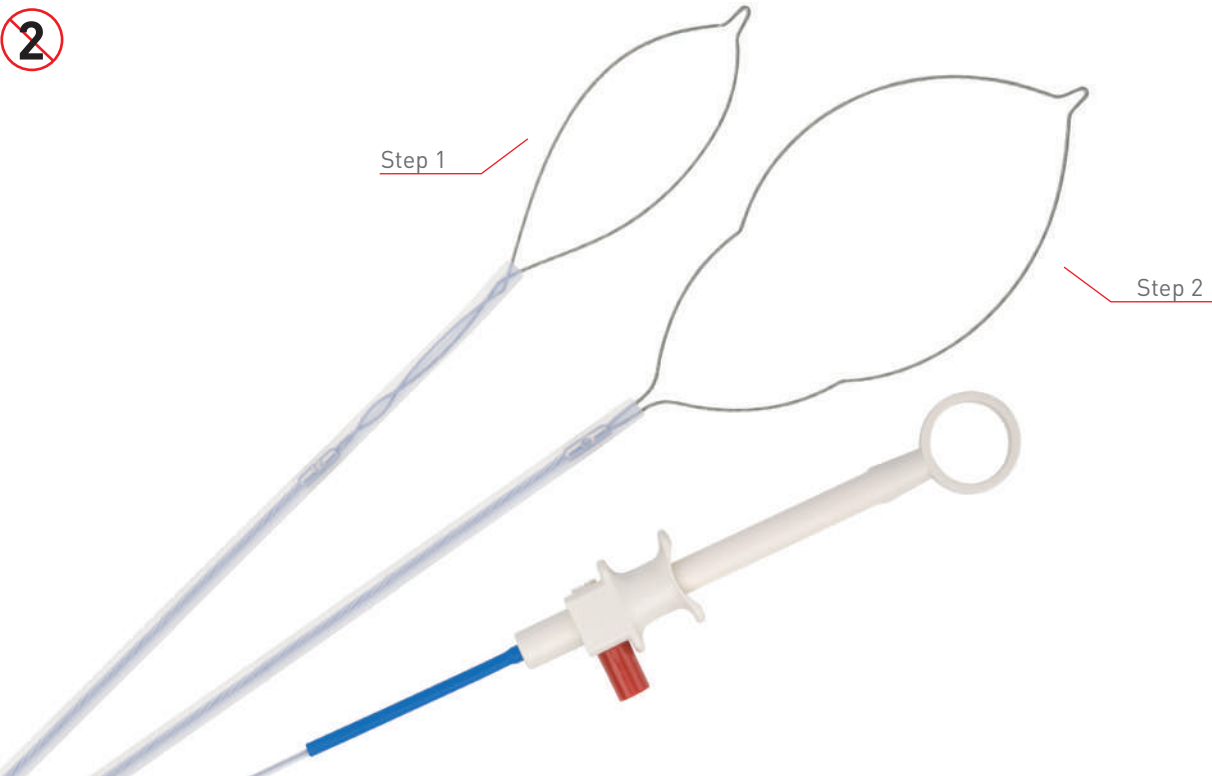
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Order no.	Article no.	Opening size mm	Diameter mm	Length cm	PU
99052011211 x10	99052011211	15	2,3	230	10
99052011221 x10	99052011221	25	2,3	230	10

Figure shows article REF 99052011221

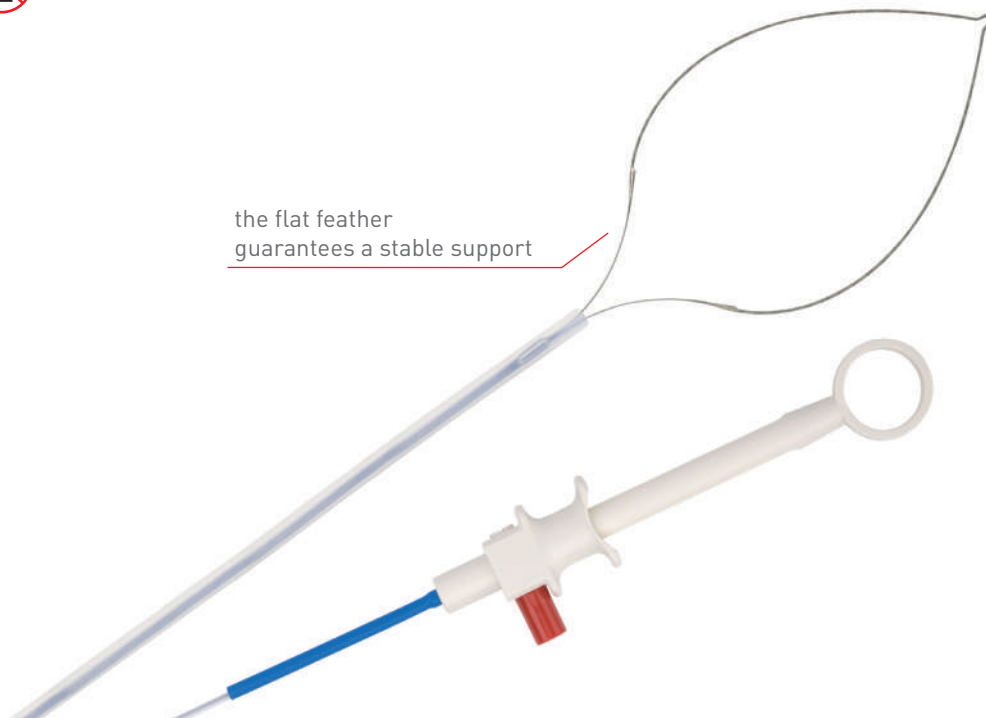
POLYPECTOMY SNARE "VARIO-SNARE", SYMMETRICAL



Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99052081232 x5	99052081232	ca. 15 x 33 (Step 1) or ca. 27 x 50 (Step 2)	twisted	2,3	230	5

POLYPECTOMY SNARES, SYMMETRICAL WITH FLAT FEATHER

2

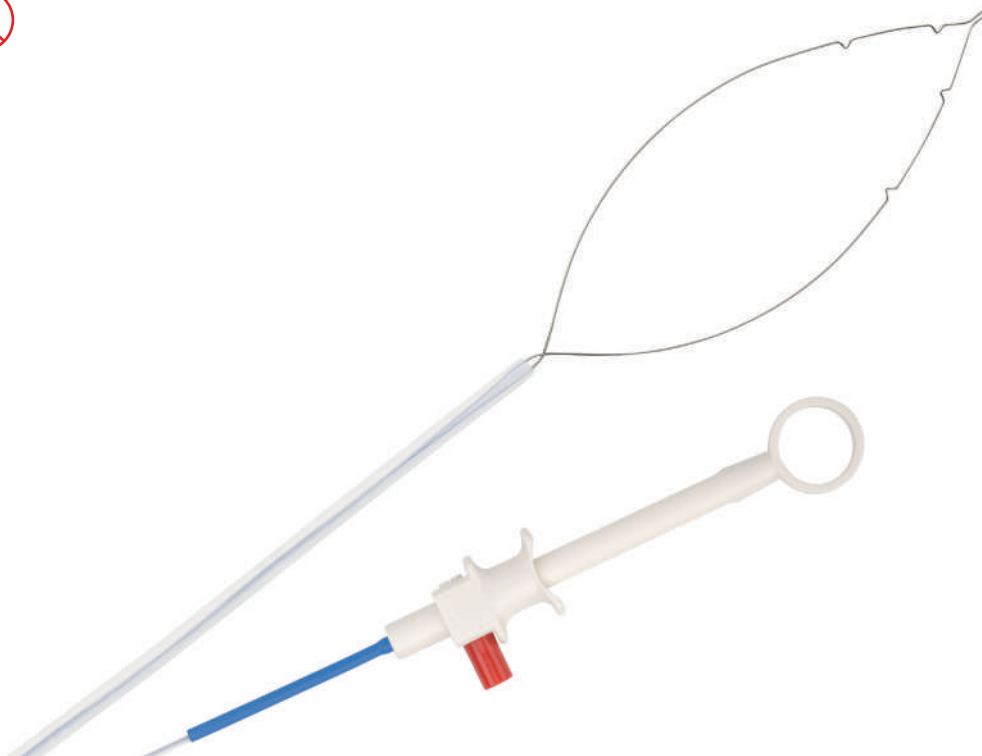


Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99052011206 x5	99052011206	10 x 30	twisted, with flat feather	2,3	230	5
99052011216 x5	99052011216	15 x 35	twisted, with flat feather	2,3	230	5
99052011226 x5	99052011226	20 x 40	twisted, with flat feather	2,3	230	5
99052011236 x5	99052011236	30 x 60	twisted, with flat feather	2,3	230	5

Figure shows article REF 99052011226

POLYPECTOMY SNARES, SHARK TEETH, SYMMETRICAL

2

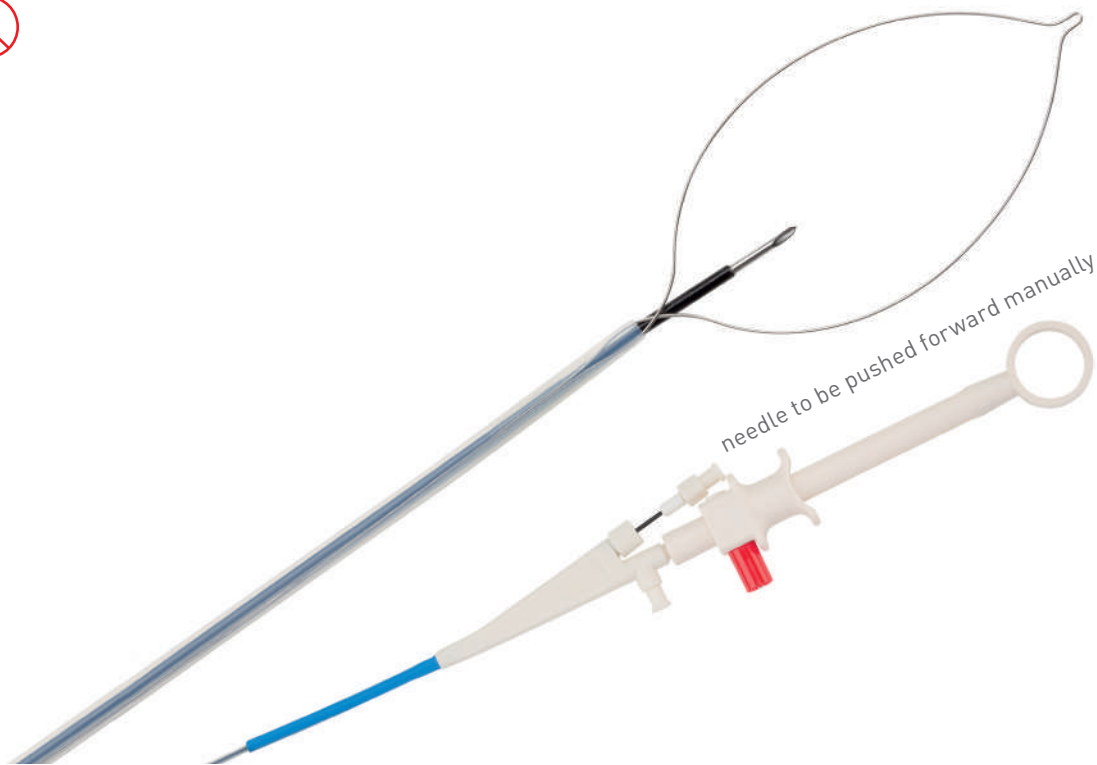


Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99052051215 x5	99052051215	15 x 37	monofil, with 4 teeth	2,3	230	5
99052051225 x5	99052051225	25 x 55	monofil, with 4 teeth	2,3	230	5

Figure shows article REF 99052051225

POLYPECTOMY SNARE "SKORPIO-SNARE", WITH INJECTION NEEDLE

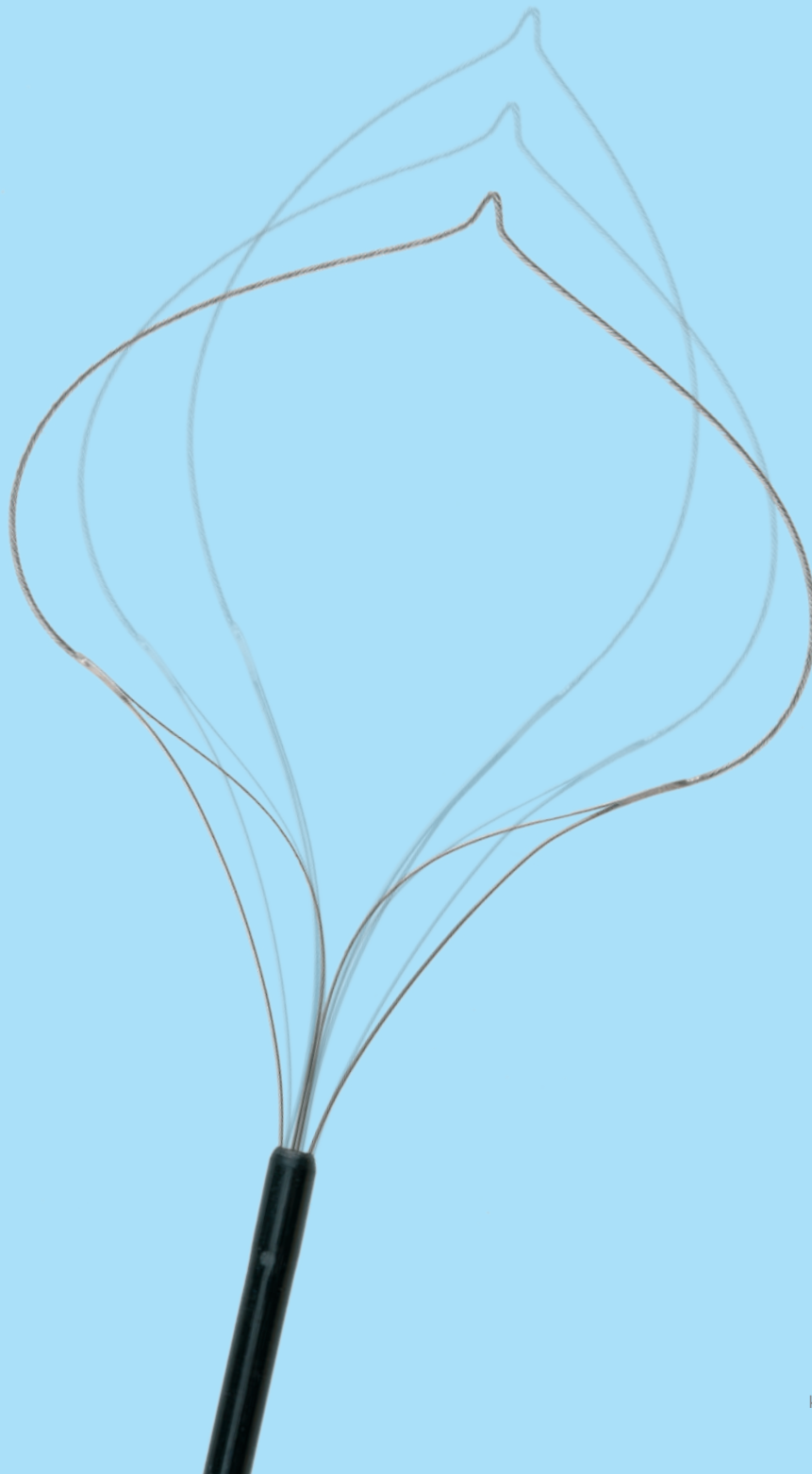
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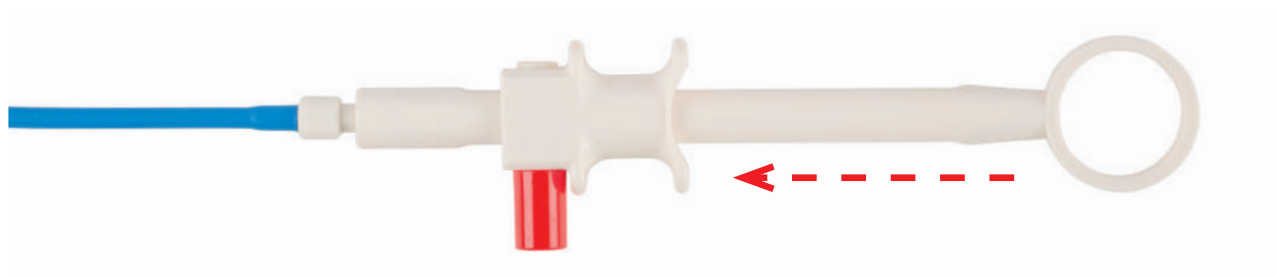
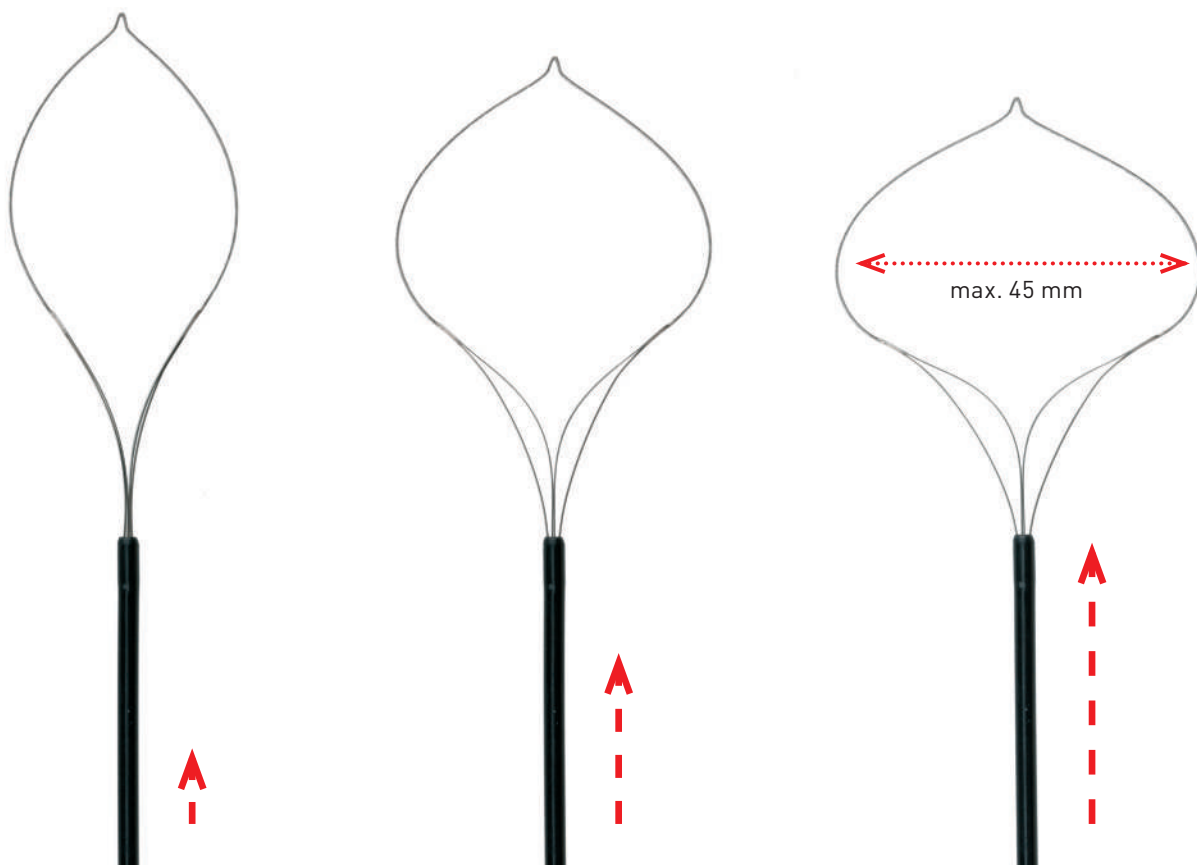


Order no.	Article no.	Opening size width x height mm	Wire type	Needle Ø mm	Diameter mm	Length cm	PU
99052111225 x5	99052111225	approx. 20 x 40	monofil	0,7	2,6	230	5

Kudo-Snare

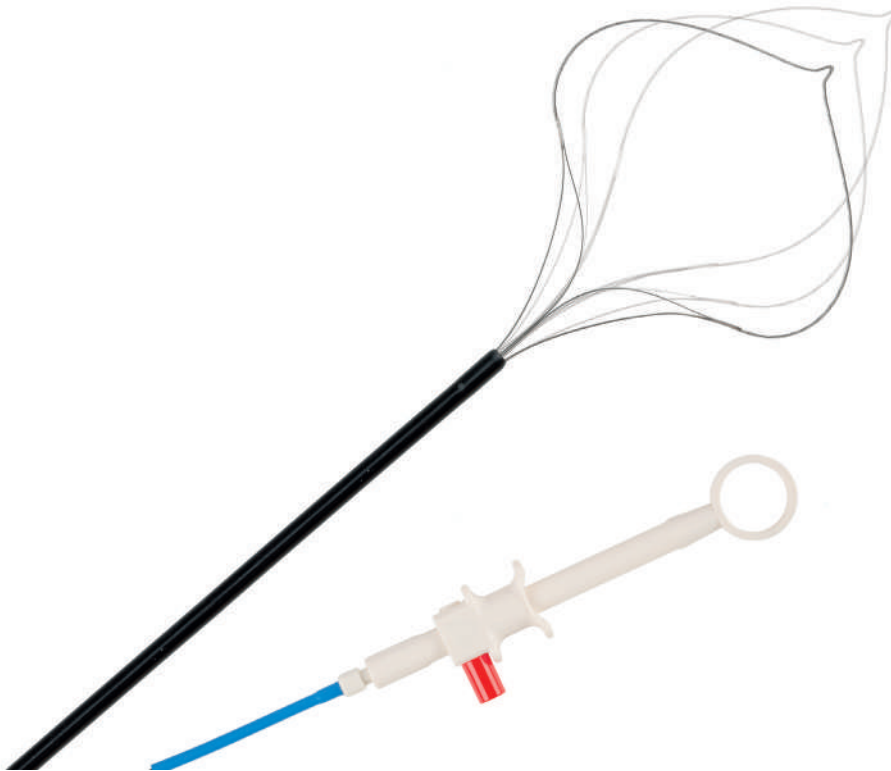
controllable opening width, polypectomy snare suitable for mucosectomy





POLYPECTOMY SNARE "KUDO-SNARE", CONTROLLABLE

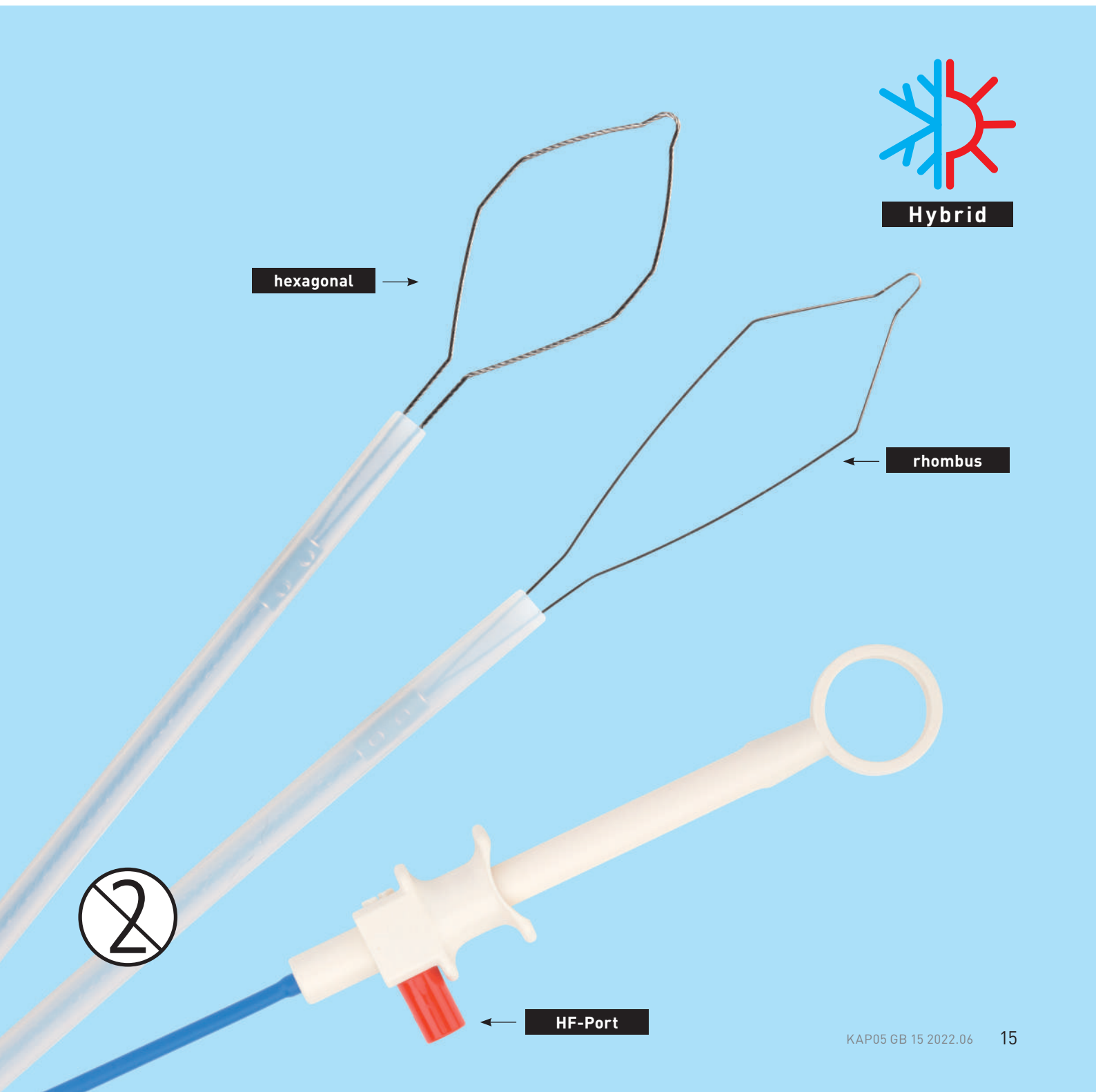
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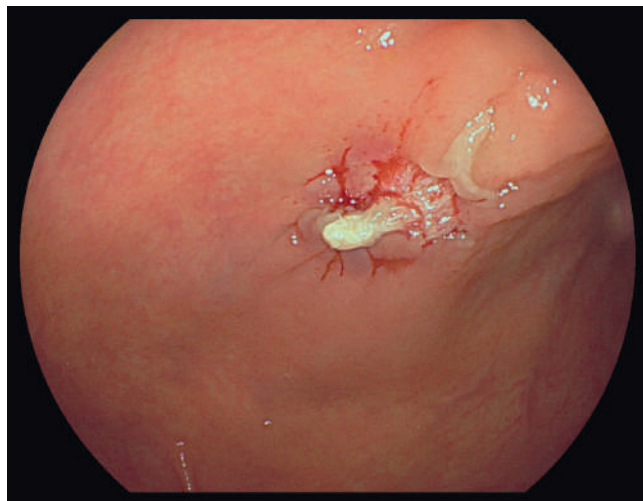
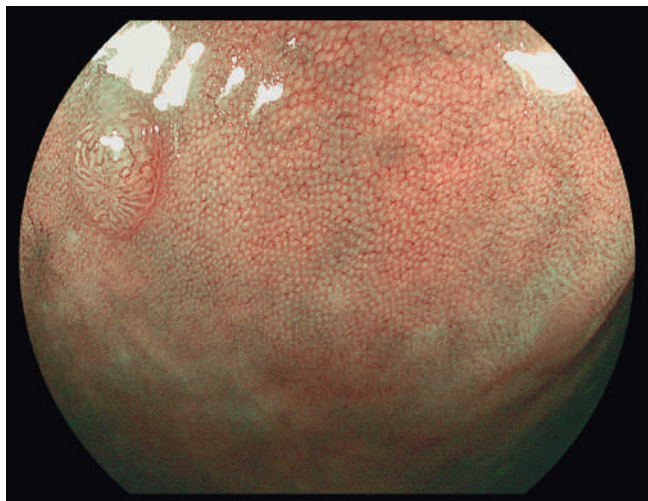


Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99052011238 x2	99052011238	min. approx. 29 x 57 max. approx. 45 x 43	twisted, with flat feather	2,6	230	2

Polypectomy snare

for **cold** and **hot** resection





Small adenoma in the sigma before and after cold snare resection.
[The images were provided by Prof. Jochen Weigt, MD.]



Polypectomy snare

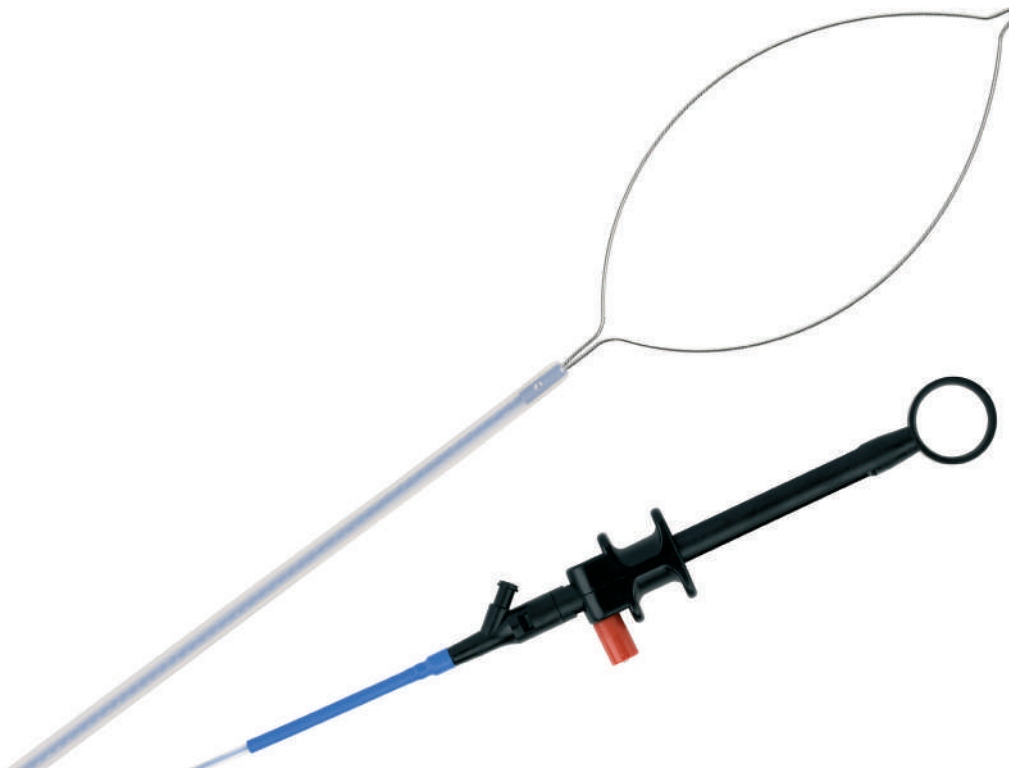
for cold and hot resection

Hybrid

Order no.	Articel no.	Description		Opening width x/y mm	Diameter mm	Length mm	PU
99052111202 x10	99052111202	twisted wire	hexagonal	10 x 20	2,45	230	10
99052111205 x10	99052111205	monofil wire	rhombus	10 x 20	2,45	230	10

We reserve the right to make technical changes and to deviate from the depicted images.

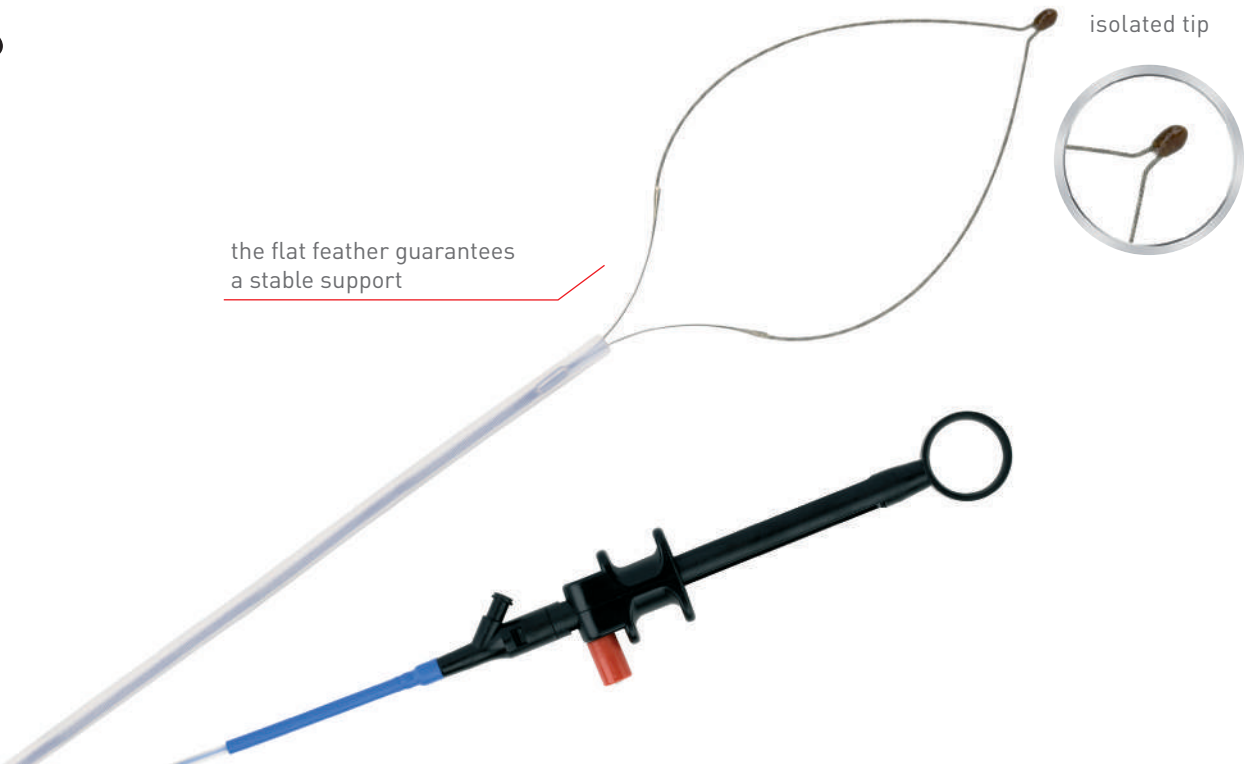
POLYPECTOMY SNARE, SYMMETRICAL



Order no.	Article no.	Opening size width x height mm	Wire type	Isolated tip	Diameter mm	Length cm	PU
052011202	052011202	10 x 20	twisted	no	2,3	230	1
052011212	052011212	20 x 40	twisted	no	2,3	230	1
052011232	052011232	30 x 55	twisted	no	2,3	230	1

Figure shows article REF 052011232

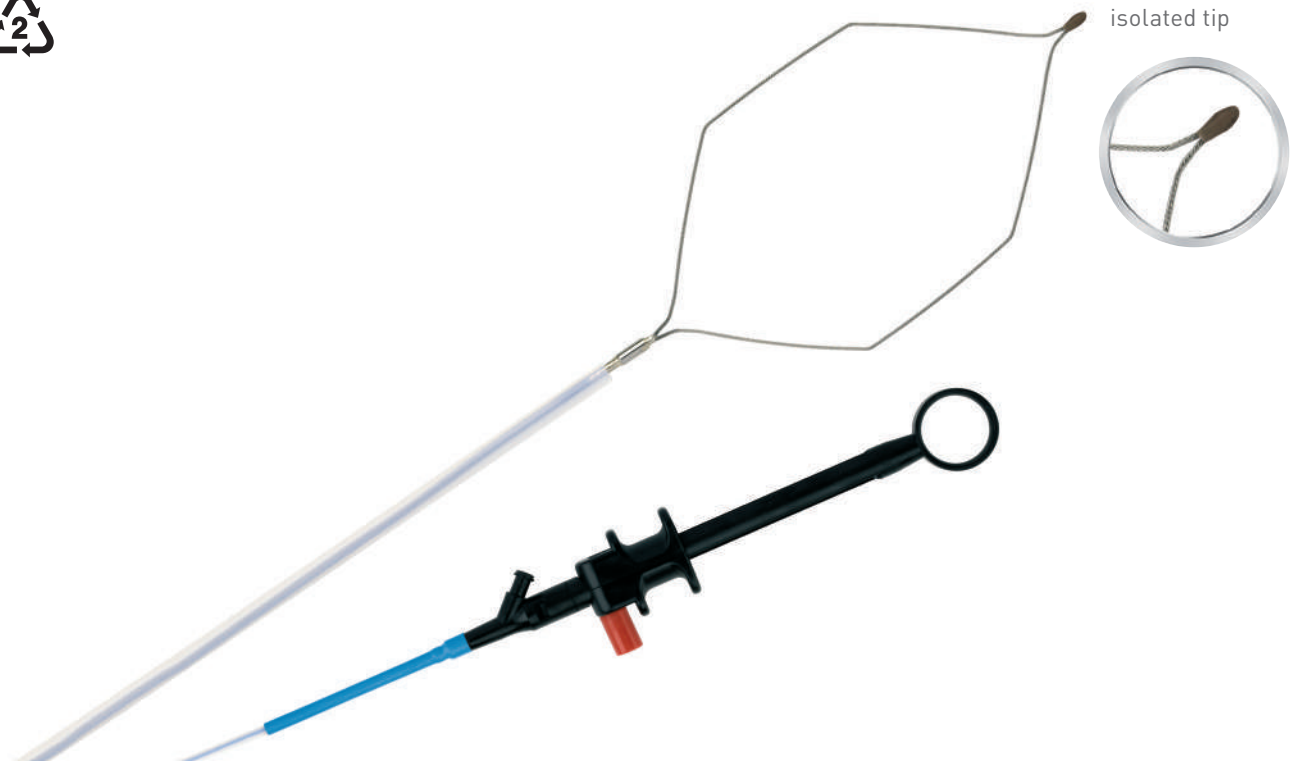
POLYPECTOMY SNARE, SYMMETRICAL WITH FLAT FEATHER



Order no.	Article no.	Opening size width x height mm	Wire type	Isolated tip	Diameter mm	Length cm	PU
052011236	052011236	30 x 60	twisted with flat feather	no	2,3	230	1
052031226	052031226	20 x 40	twisted with flat feather	yes	2,3	230	1
052031236	052031236	30 x 60	twisted with flat feather	yes	2,3	230	1

Figure shows article REF 052031226

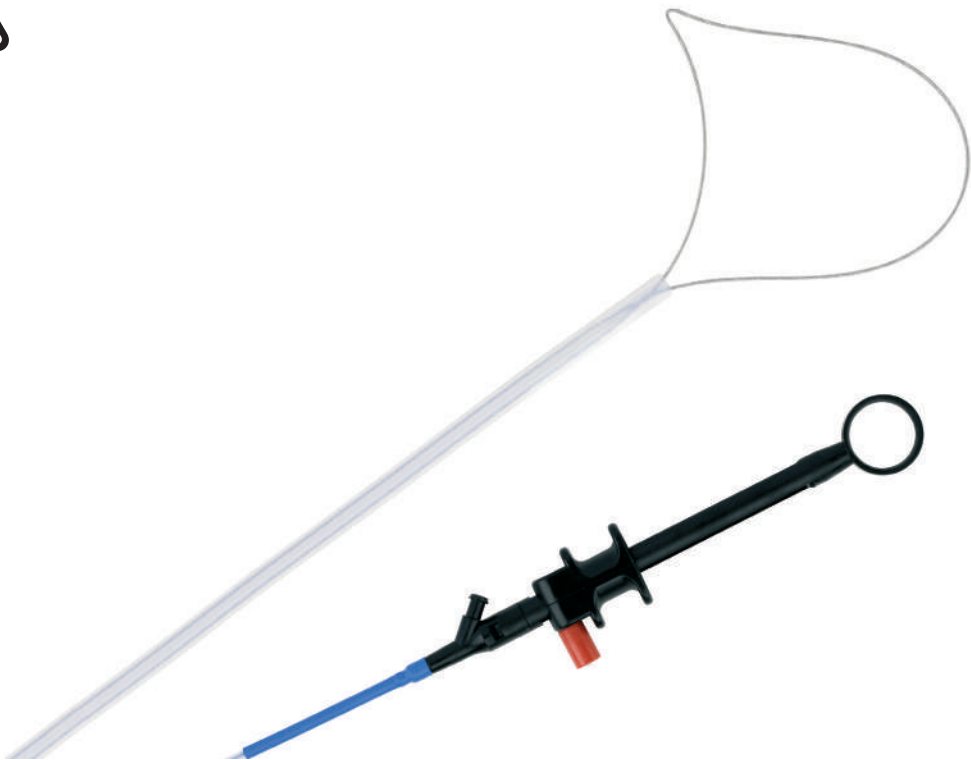
POLYPECTOMY SNARE, HEXAGONAL



Order no.	Article no.	Opening size width x height mm	Wire type	Isolated tip	Diameter mm	Length cm	PU
052011234	052011234	30 x 50	twisted	no	2,3	230	1
052031234	052031234	30 x 50	twisted	yes	2,3	230	1

Figure shows article REF 052031234

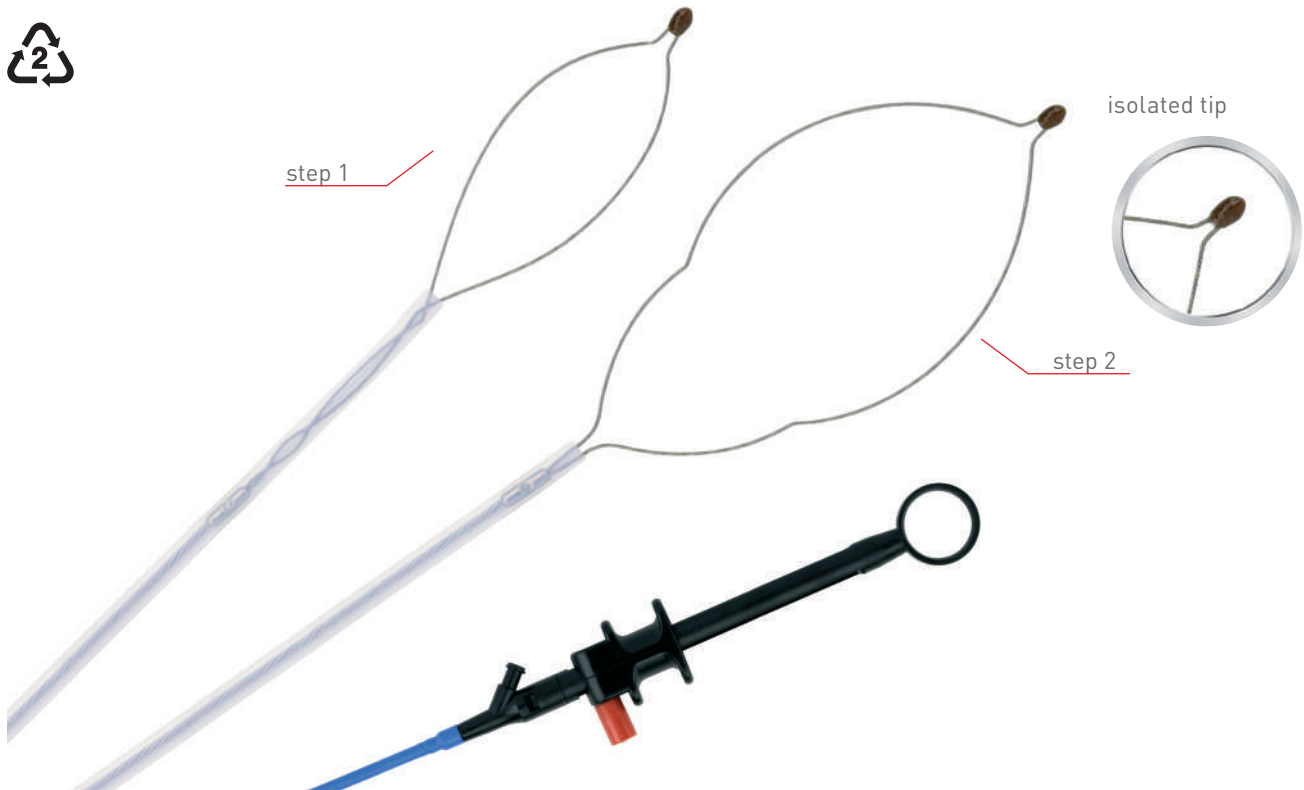
POLYPECTOMY SNARE, ASYMMETRICAL



Order no.	Article no.	Opening size mm	Isolated tip	Diameter mm	Length cm	PU
052011211	052011211	15	no	2,3	230	1
052011221	052011221	25	no	2,3	230	1

Figure shows article REF 052011221

POLYPECTOMY SNARE "VARIO-SNARE", SYMMETRICAL



Order no.	Article no.	Opening size width x height mm	Wire type	Isolated tip	Diameter mm	Length cm	PU
052091232	052091232	approx. 15 x 33 (step 1) or approx. 27 x 50 (step 2)	twisted	yes	2,3	230	1

COLOUR CODES AND SYMBOLS



— Disposable products



— Reusable products

BIOPSY FORCEPS

HOT-BIOPSY FORCEPS

PUNCTURE BIOPSY FORCEPS

MICRO-BITES

06

BIOPSY FORCEPS



BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated or fenestrated with spike, not covered

2



Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99067502805 x100	99067502805		2,3	180	100
99067502815 x100	99067502815	•	2,3	180	100
99067502804 x100	99067502804		2,3	230	100
99067502814 x100	99067502814	•	2,3	230	100

Figure shows article REF 99067502804

BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated or fenestrated with spike, coated

2



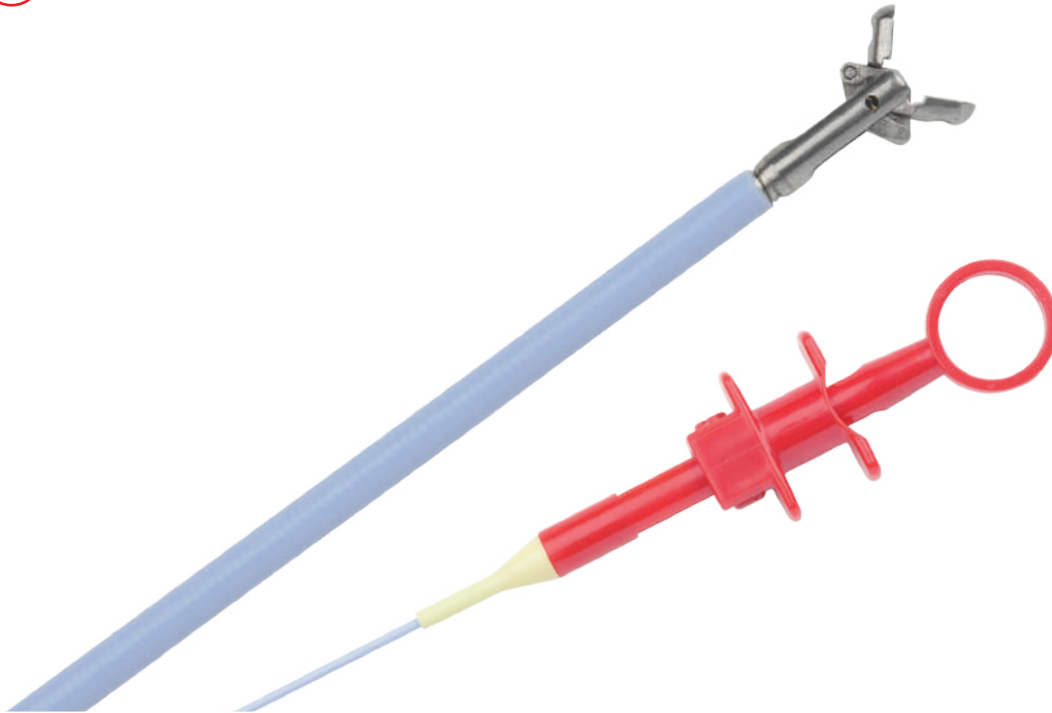
Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99066402811 x10	99066402811		1,8	120	10
99066402805 x10	99066402805		1,8	180	10
99066502805 x100	99066502805		2,3	180	100
99066502804 x100	99066502804		2,3	230	100
99066502815 x100	99066502815	•	2,3	180	100
99066502814 x100	99066502814	•	2,3	230	100
99066702804 x10	99066702804		3,0	230	10

Figure shows article REF 99066502804

BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated or fenestrated with spike, coated

2



Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99063502806 x10	99063502806		2,3	250	10
99063702814 x10	99063702814	•	3,0	230	10

Figure shows article REF 99063502806

BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated or fenestrated with spike, not covered

2



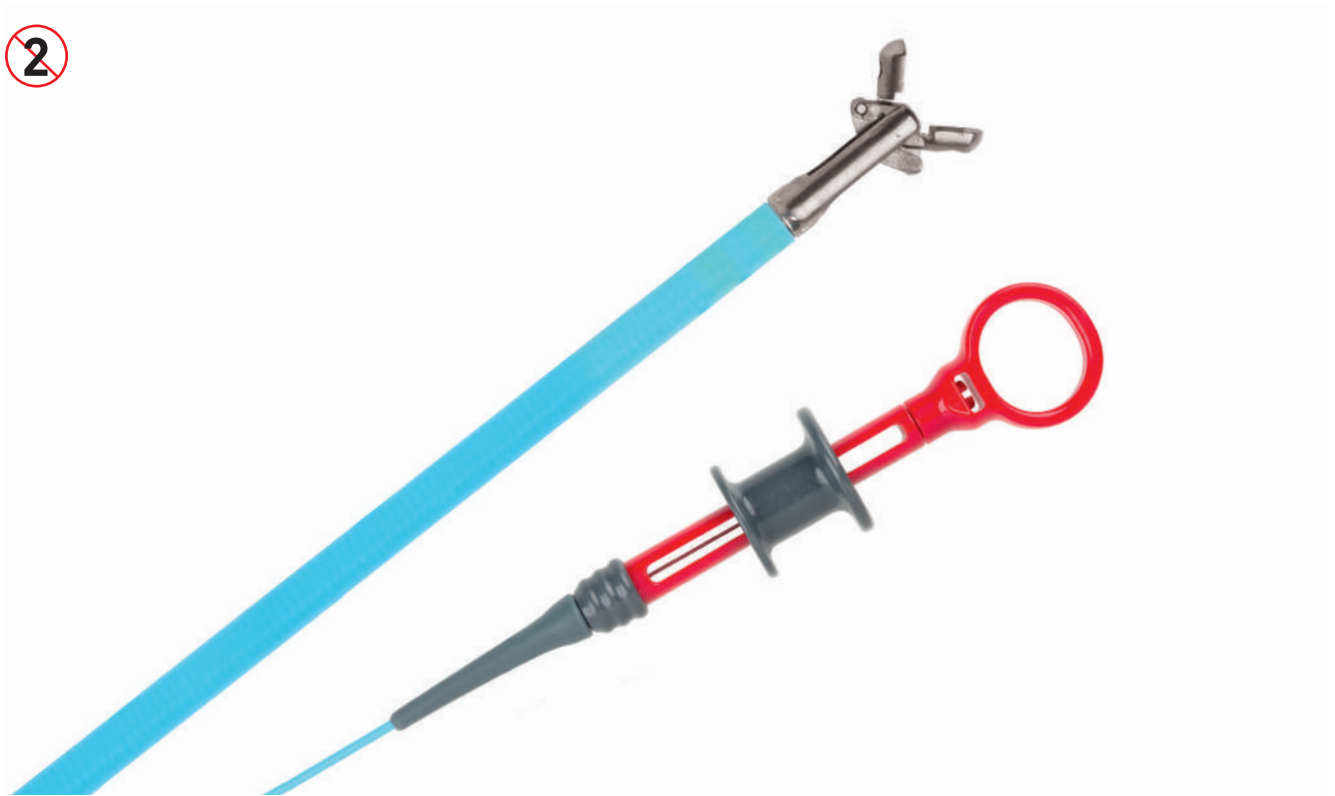
Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99060502805 x100	99060502805		2,3	180	100
99060502815 x100	99060502815	•	2,3	180	100
99060502804 x100	99060502804		2,3	230	100
99060502814 x100	99060502814	•	2,3	230	100

Figure shows article REF 99060502805

BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated or fenestrated with spike, coated

2



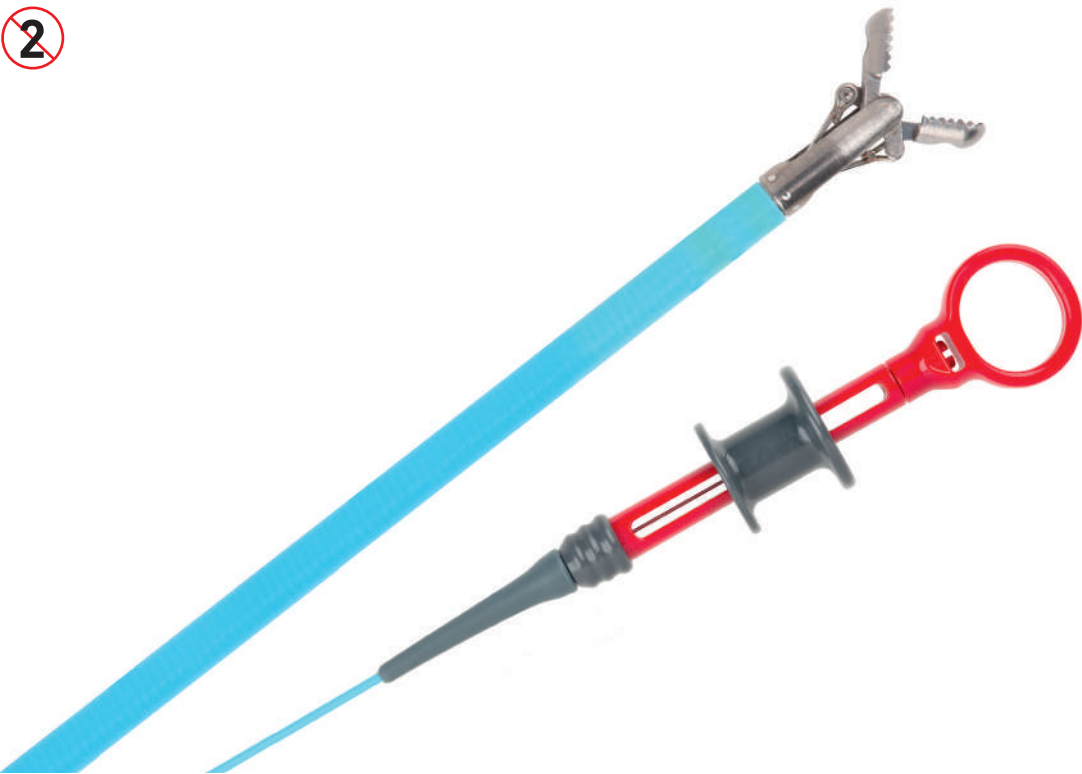
Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99064402805 x10	99064402805		1,8	180	10
99064502805 x100	99064502805		2,3	180	100
99064502804 x100	99064502804		2,3	230	100
99064702804 x10	99064702804		3,0	230	10
99064502815 x100	99064502815	•	2,3	180	100
99064502814 x100	99064502814	•	2,3	230	100

Figure shows article REF 99064502805

BIOPSY FORCEPS, TOOTHED OVAL SPOONSHAPED MOUTH

fenestrated, coated

2



Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99064502831 x10	99064502831		2,3	120	10

HOT-BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated

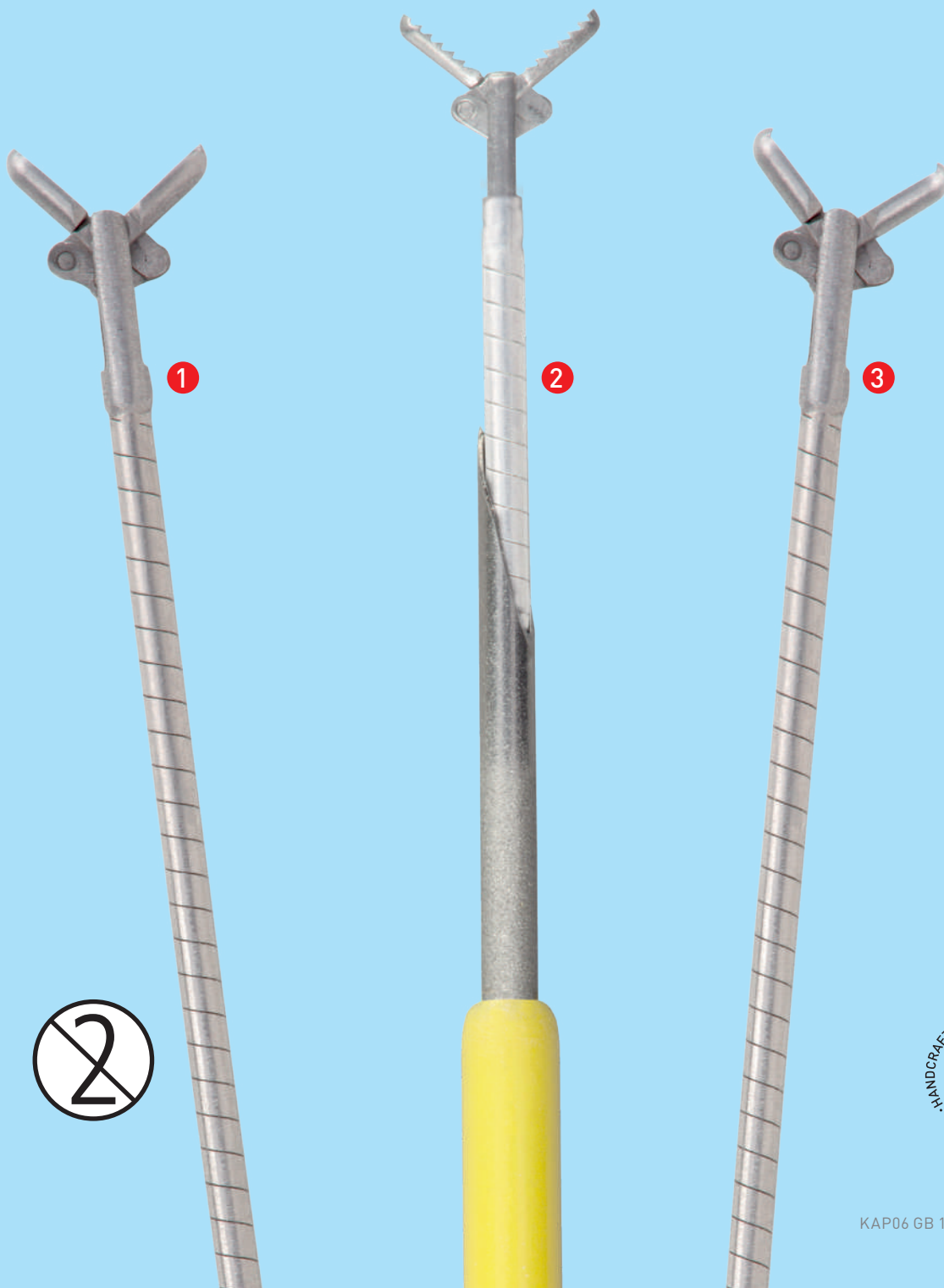
2



Order no.	Article no.	Diameter mm	Length cm	PU
99062502104 X10	99062502104	2,3	230	10

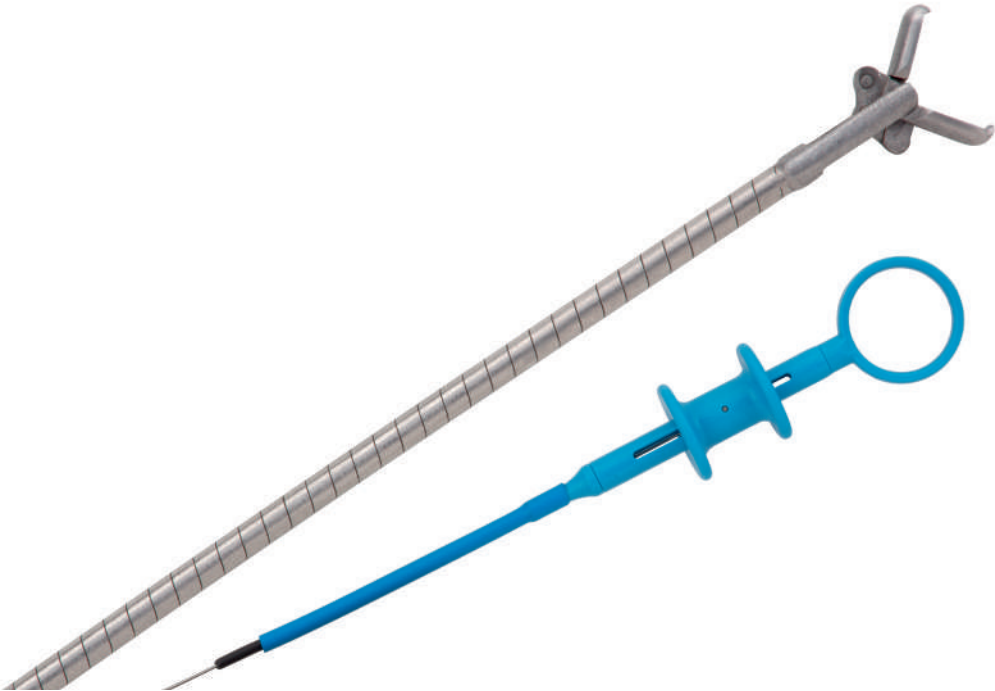
Micro Bite

- For direct peroral cholangioscopy (DPOC)
- Suitable for all 19 Gauge EUS aspiration needles
- For working channel < 1,2 mm



BIOPSY FORCEPS “MICRO-BITE”

2



Order no.	Article no.	Description		Diameter mm	Length cm	PU
99061002008	99061002008	oval spoonshaped mouth	1	0,8	270	1
99061003008	99061003008	oval spoonshaped mouth, toothed	2	0,8	270	1
99061007008	99061007008	oval spoonshaped mouth, with tooth	3	0,8	270	1

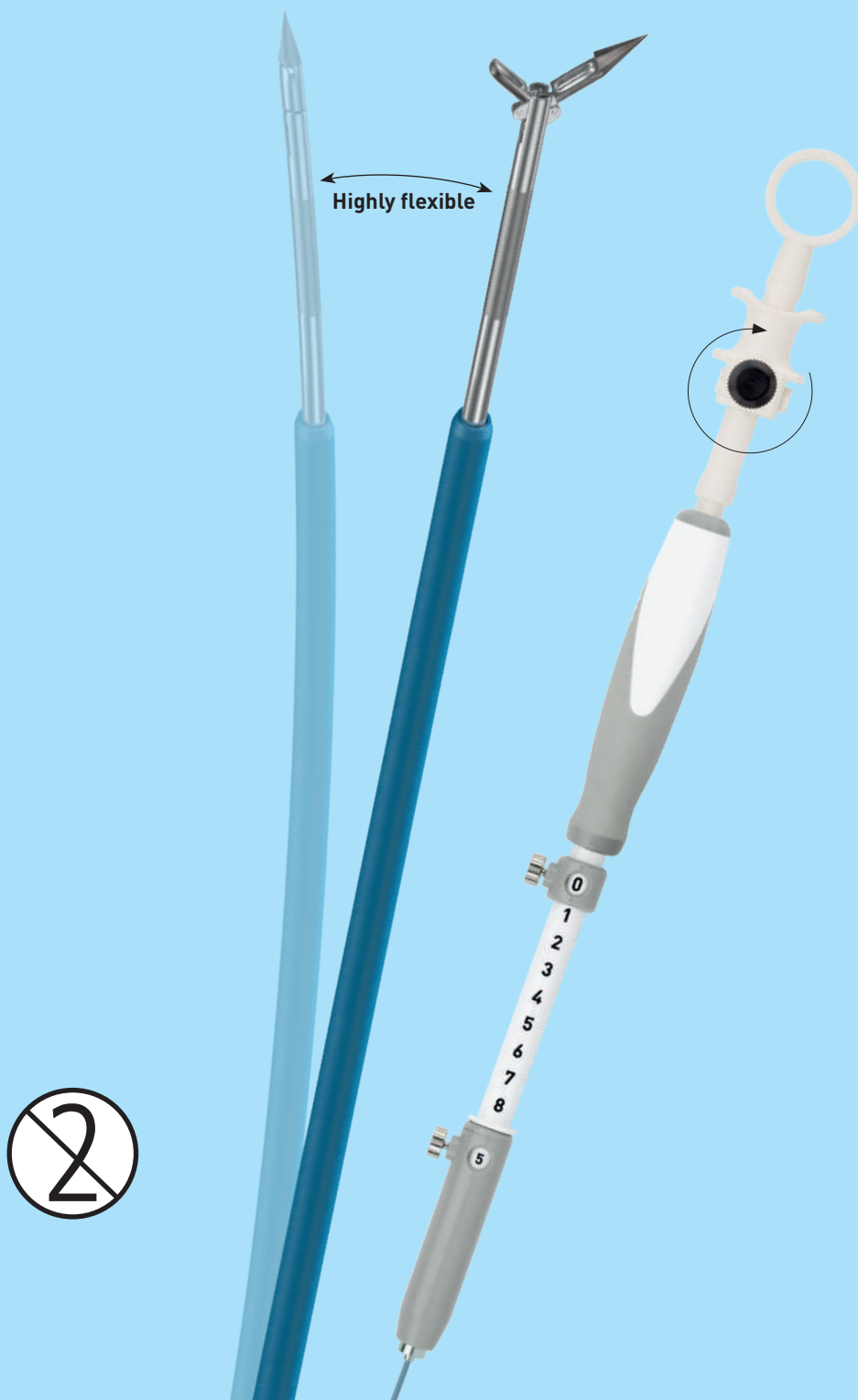
Figure shows article REF 99061007008



size comparison
MICRO BITE and match

Puncture Biopsy Forceps

oval spoonshaped mouth with protruding spike, for endosonographic controlled collection of a tissue sample. **Highly flexible, memory effect**



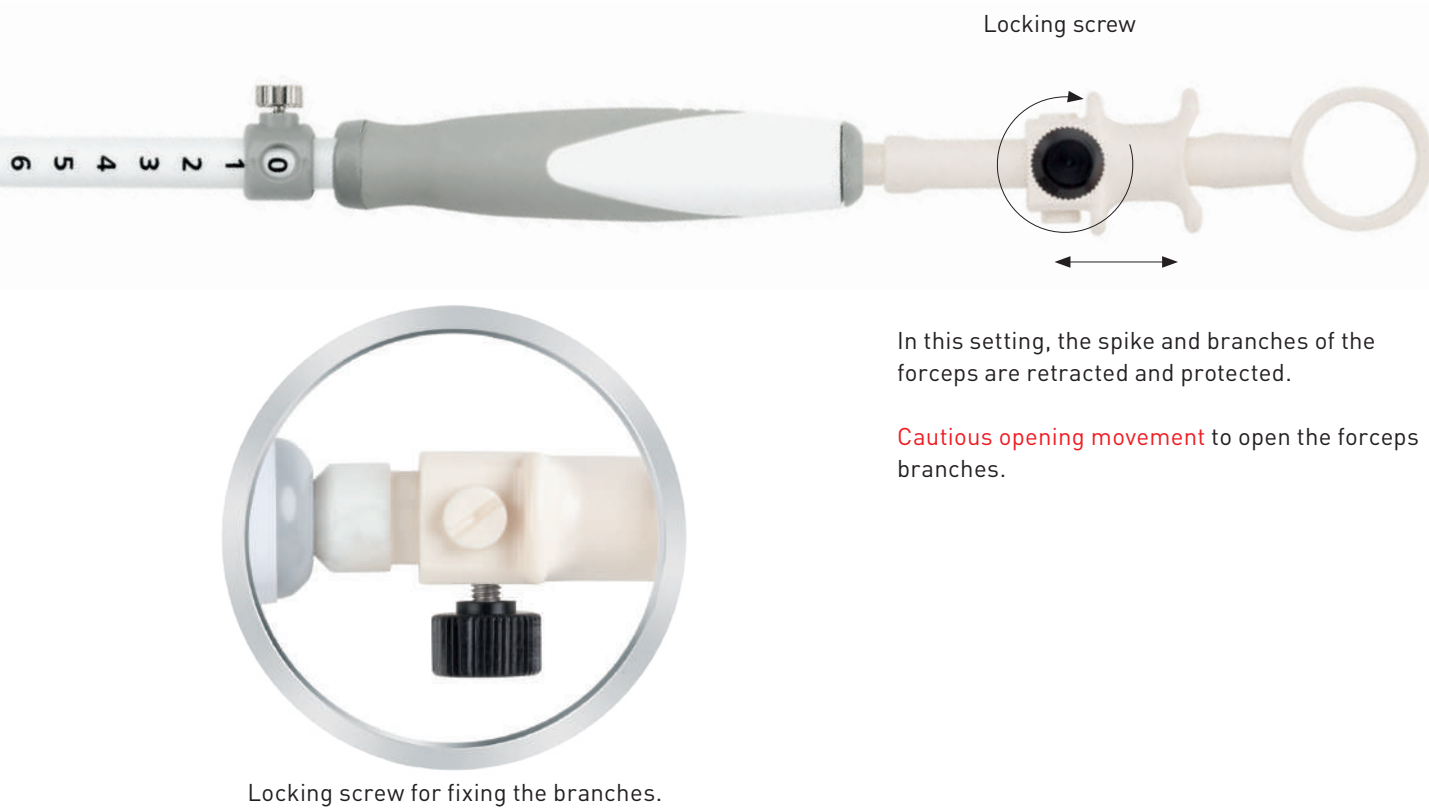


Figure 1:
EUS image of tumor of patient 1 with the MTW PBF needle in the tumor.



Closed branches of forceps



Ultrasound marking
for better visibility in
the EUS display

Locking screw



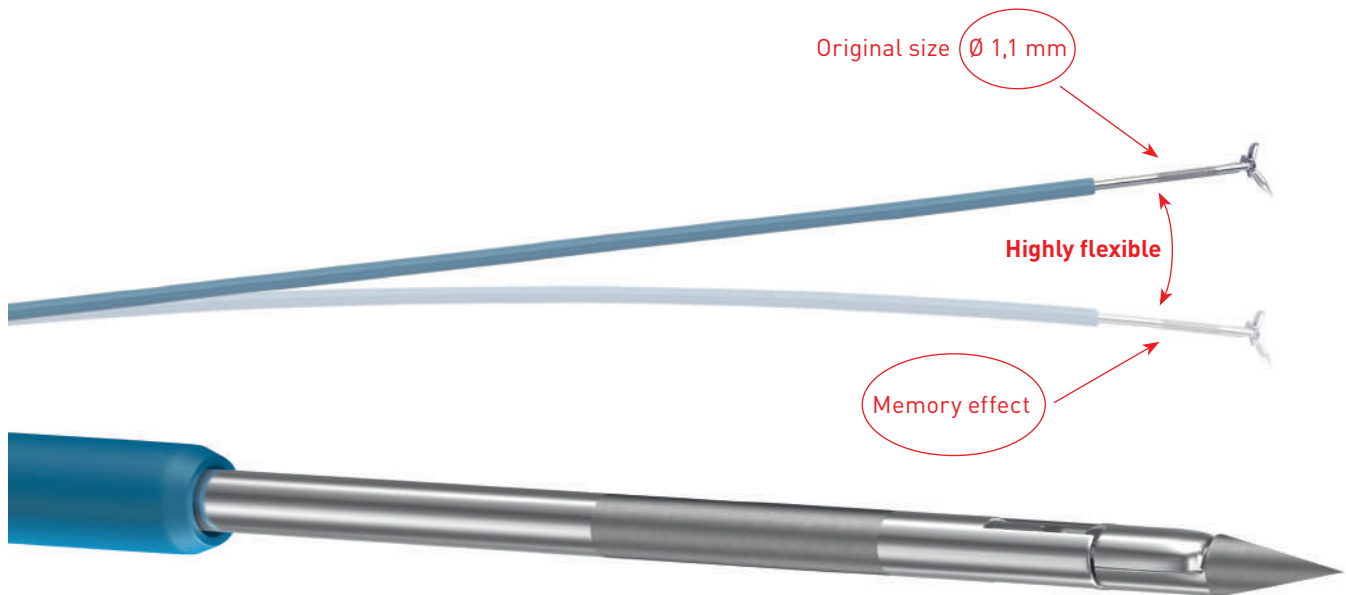
2 mm opening movement for opening the forceps branches



Luer-Lock for connecting to endoscope.

PUNCTURE BIOPSY FORCEPS

oval spoonshaped mouth with protruding spike, for endosonographic controlled collection of a tissue sample. **Highly flexible, memory effect**



Experience with the MTW Puncture Biopsy Forceps – Case series

Geke Litjens¹, MD and Erwin-Jan, M van Geenen², PharmD, MD, PhD | Radboud University Medical Center, Department of Radiology and Nuclear Medicine¹ | Department of Gastroenterology and Hepatology Nijmegen²

Between July 1st and October 31st 2018 EUS-guided biopsy, of the pancreas, with the 19-gauge Puncture Biopsy Forceps (PBF) of MTW Endoskopie Manufaktur, Wesel, Germany was performed at the Radboudumc on 4 patients. In all patients fine needle aspiration (FNA) was also performed with a conventional 22-gauge needle (...), with on-site pathology present. All EUS procedures were performed by the same gastroenterologist (EvG).

All patients were male and the age ranged from 57 to 71 years. Patient 1, 3 and 4 were planned for an EUS-guided biopsy because they were suspected to have pancreatitis but a malignant tumor was also in the differential diagnosis. Patient 2 was suspected to have a locally advanced pancreatic adenocarcinoma for which pathological confirmation was desired before starting systemic therapy. No adverse events occurred.

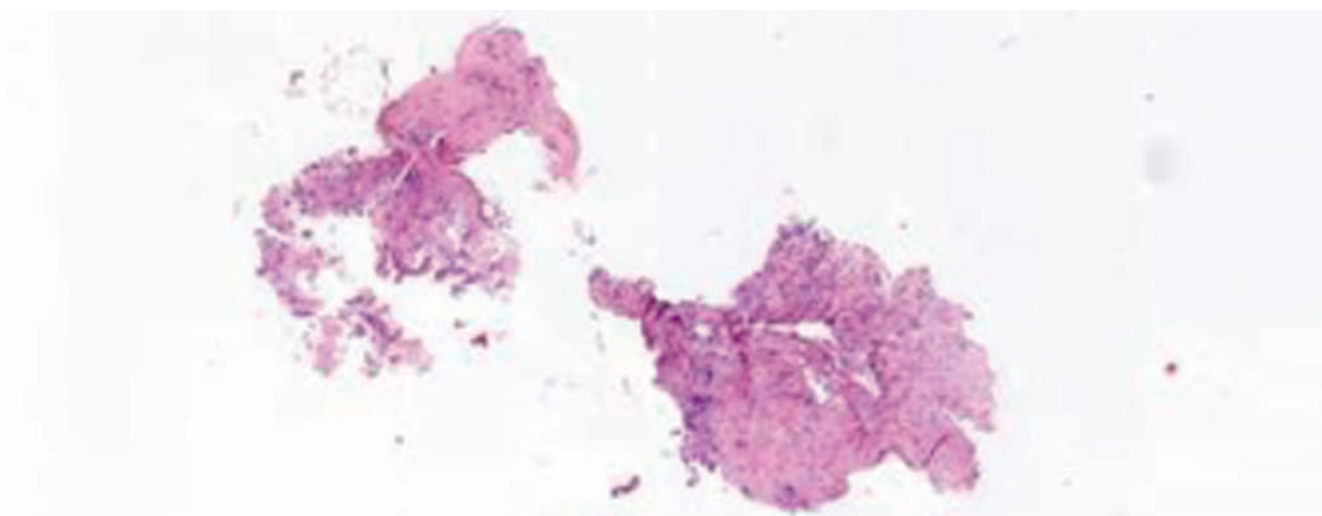
In 2015 we tested a previous version of the PBF [1] after which the needle design is updated. The new needle is still very sharp which results in easy penetration of the gastric or duodenal wall and the pancreatic tissue. The forceps mechanism in the tip continues to work well even after multiple biopsies in the same patient. The tip of the new needle is made of Nitinol which facilitates better bridging possibilities which results into better aiming of the needle. Although the tip is now flexible, working in a position in which the endoscope is strongly curved is still challenging due to the thickness of the needle (19-gauge).

The EUS-opacity of the new needle was decreased, compared to the previous version of the needle (Figure 2). Therefore, EUS-needle was adjusted and tested on a piece of beef, which resulted in an improved (very good) EUS visibility. This newest version was not used on patients in our centre yet.

1. Litjens, G., et al., First experience of obtaining pancreatic tissue with a puncture biopsy forceps versus fine needle aspiration. Endoscopy, 2015. 47 Suppl 1: p. E609-10.

1. Litjens, G., et al., First experience of obtaining pancreatic tissue with a puncture biopsy forceps versus fine needle aspiration. Endoscopy, 2015. 47 Suppl 1: p. E609-10.

Figure 2: Overview of histology of patient 1, obtained with the MTW PBF.



The handle of the needle was also updated since the first version. There is a lock mechanism to prevent the needle from opening while it is being introduced. This is a useful update to improve safety, however in patient 2 the needle was still accidentally opened in the shaft by the nurse that assisted the procedure.

The pathological yield of the needle was very variable. In patient 1 the PBF-biopsy consisted of two small tissue fragments (Figure 2). The histology contained a few groups of strongly atypical cells in a stromal fragment the findings were consistent with adenocarcinoma.

The cytology obtained with FNA of patient 1 also contained atypical cells consistent with adenocarcinoma. The histology of this patient was accidentally fixated in cytology liquid, instead of formalin. The assisting nurse did not realize that it was a histological biopsy. This was communicated with pathology department and the PBF-biopsy was processed as histology.

In patient 2 the PBF-biopsy consisted of 1 tissue fragment with a size of 1mm, the histology contained non-atypical cylindrical epithelia, without signs of malignancy. The cytology obtained with FNA of patient 2 did contain signs of malignancy consistent with adenocarcinoma.

In patient 3 the PBF-biopsy consisted of only bowel epithelia, the tissue was probably not representative. The cytology obtained with FNA showed signs of inflammation and slightly atypical cells consistent with pancreatitis, possibly groove pancreatitis.

In patient 4 the PBF-biopsy contained not enough tissue for diagnostic analysis. The cytology obtained with FNA showed no signs of inflammation or malignancy.

Based on our experiences we have some recommendations

- When the needle is introduced in the lesion it should be opened and then pressed forward into the tissue before closing the needle again. This could improve the tissue yield.
- The nurses that assist EUS biopsy procedures with the MTW PBF should be carefully instructed about the use of the needle to prevent premature opening of the forceps.
- All personnel that is present during EUS biopsy procedures with the MTW PBF should be made aware that histology is obtained with this procedure instead of cytology. This will prevent that the obtained material is being fixated in the wrong liquid.
- If possible, the lock mechanism should be extended so that it is not possible to open the forceps within the shaft.

Possible indications for use of the MTW PBF

- Biopsy of lymph nodes in patients with esophageal carcinoma and lung cancer.
- Biopsy of submucosal tumours, like GISTs.
- Biopsy of pancreatic lesions.
- Biopsy of cyst walls of pancreatic lesions.
- The histology can be used for diagnosis if FNA alone is not adequate.
- The histology obtained can be used for genotyping to determine the best systemic therapy strategy.
- The histology obtained can be used for additional staining in scientific context.

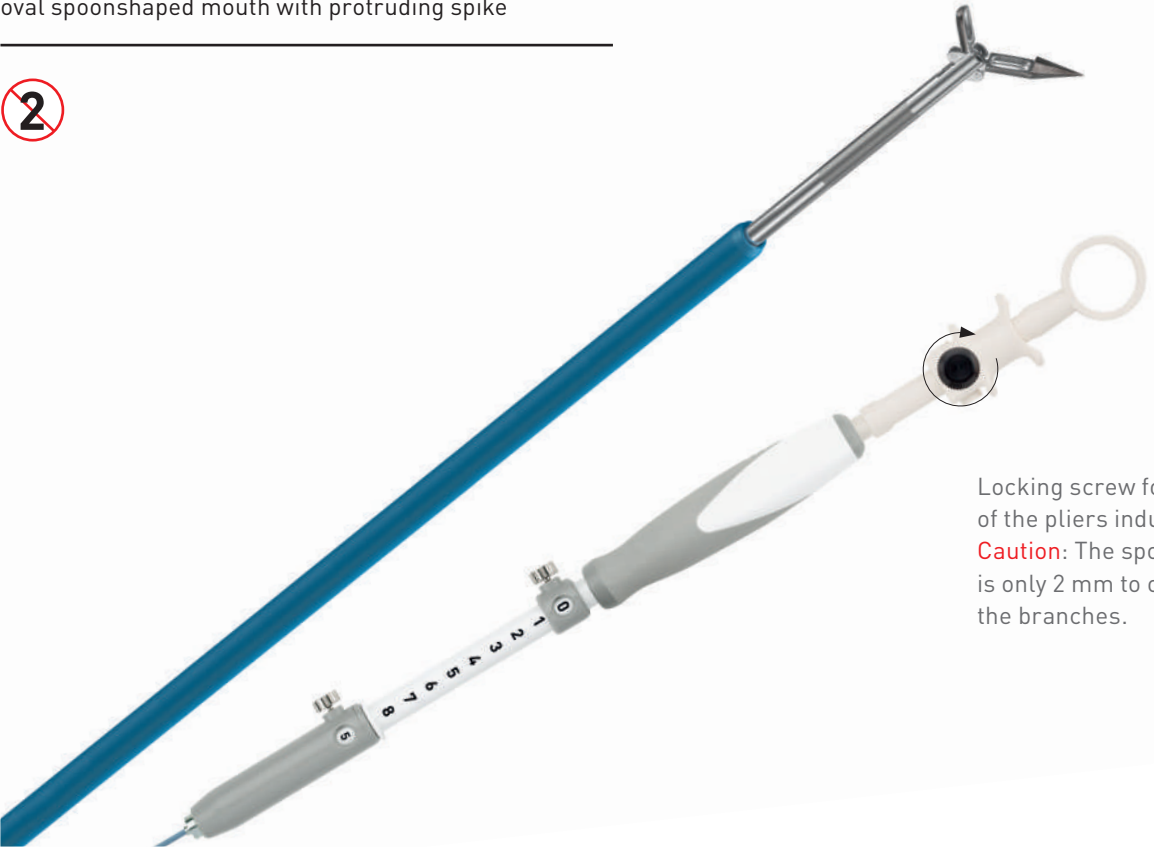
In conclusion, the MTW PBF* is a promising device, potentially for a broad range of indications. To determine the value of the PBF and its position in the diagnostic field a prospective study is needed in which the PBF is compared to other routinely used device(s).

* Puncture Biopsy Forceps

PUNCTURE BIOPSY FORCEPS

oval spoonshaped mouth with protruding spike

2



Locking screw for fixation of the pliers industries
Caution: The spool feed rate is only 2 mm to open the branches.

Order no.	Article no.	Forceps diameter mm	Tube diameter mm	Tube length cm	Forceps outlet max. cm	PU
99061402115	99061402115	1,1	1,95	142,2	7,5	1

BIOPSY FORCEPS

fenestrated, oval spoonshaped mouth, tapered



Order no.	Article no.	Diameter mm	Length cm	PU
1106140210	1106140210	1,8	120	1
061402101	061402101	1,8	160	1
061402104	061402104	1,8	230	1
1106150210	1106150210	2,2	120	1
061512101	061512101	2,2	160	1
061512105	061512105	2,2	180	1
061512104	061512104	2,2	230	1
061602101	061602101	2,6	160	1
061602104	061602104	2,6	230	1

Figure shows article REF 061402104

BIOPSY FORCEPS

fenestrated, oval spoonshaped mouth, with spike, tapered



Order no.	Article no.	Diameter mm	Length cm	PU
1106140211	1106140211	1,8	120	1
061402114	061402114	1,8	230	1
061512111	061512111	2,2	160	1
061512115	061512115	2,2	180	1
061512114	061512114	2,2	230	1
061602111	061602111	2,6	160	1
061602114	061602114	2,6	230	1

Figure shows article REF 061402114

BIOPSY FORCEPS

oval spoons shaped mouth, toothed



Order no.	Article no.	Diameter mm	Length cm	PU
061003004	061003004	0,75	230	1
061103003	061103003	1,0	230	1

Figure shows article REF 061103003

COLOUR CODES AND SYMBOLS



— Disposable products



— Reusable products

FOREIGN BODY REMOVING

07

FORCEPS

POLYPOTOMES

POLYP TRAP NET LOOPS

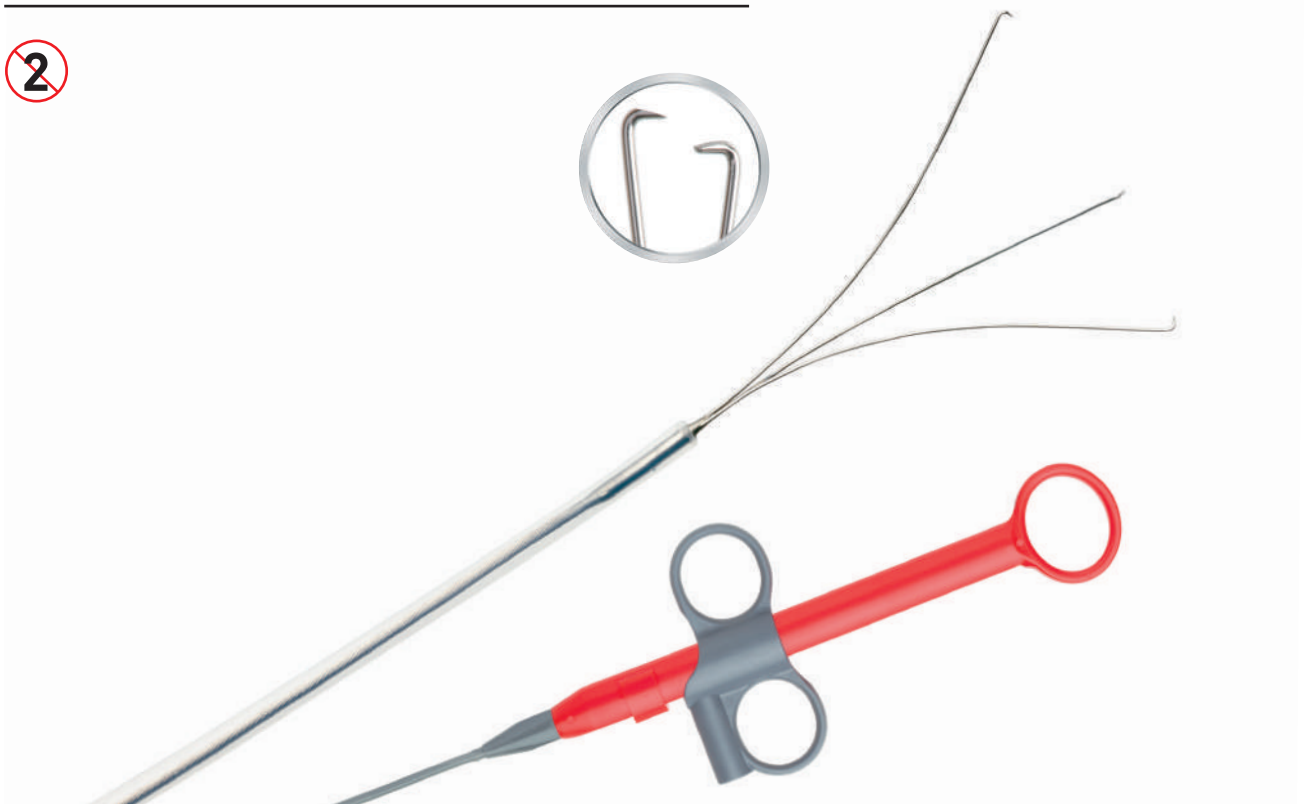
BASKET FOR FOREIGN BODY

FOREIGN BODY REMOVING FORCEPS



FOREIGN BODY REMOVING FORCEPS

PTFE- tube

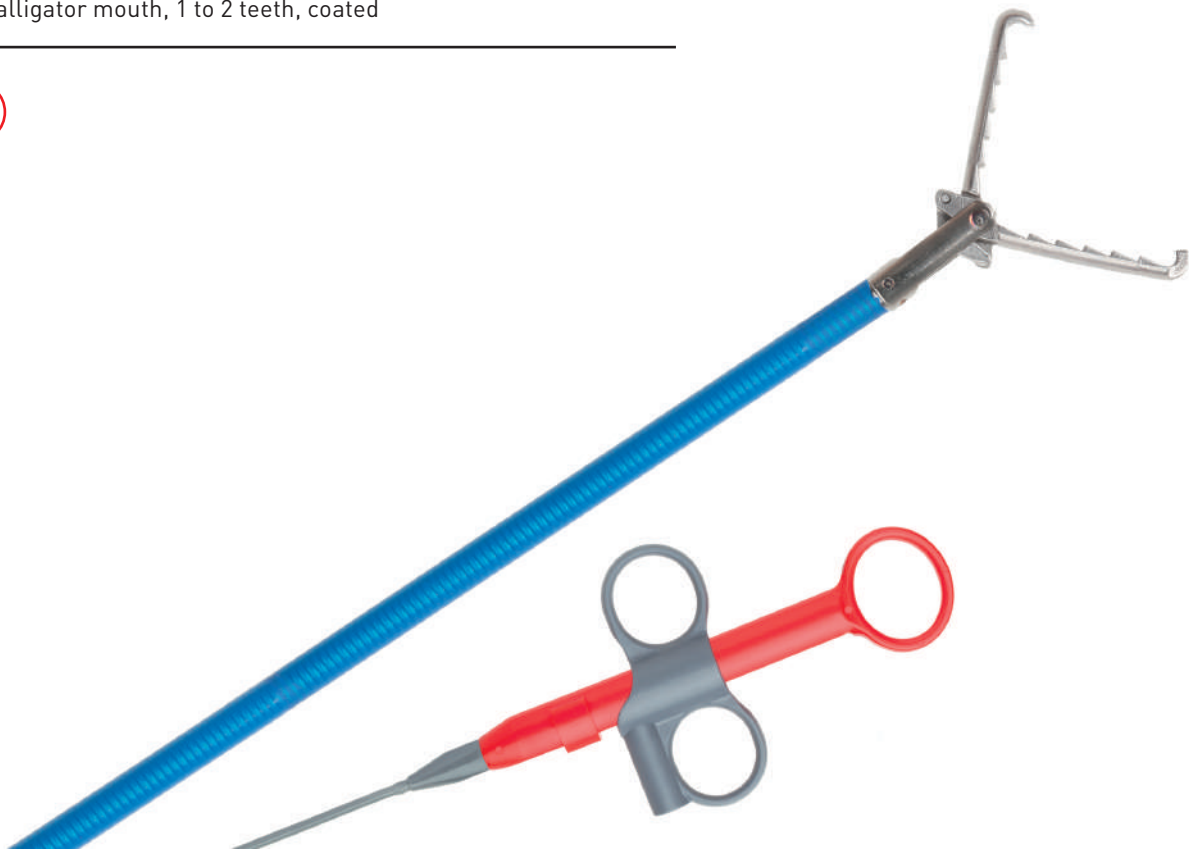


Order no.	Article no.	Opening dimension mm	Number of arms	Diameter mm	Length cm	PU
990723123 x10	990723123	30	3	2,3	230	10

FOREIGN BODY REMOVING FORCEPS

long alligator mouth, 1 to 2 teeth, coated

2

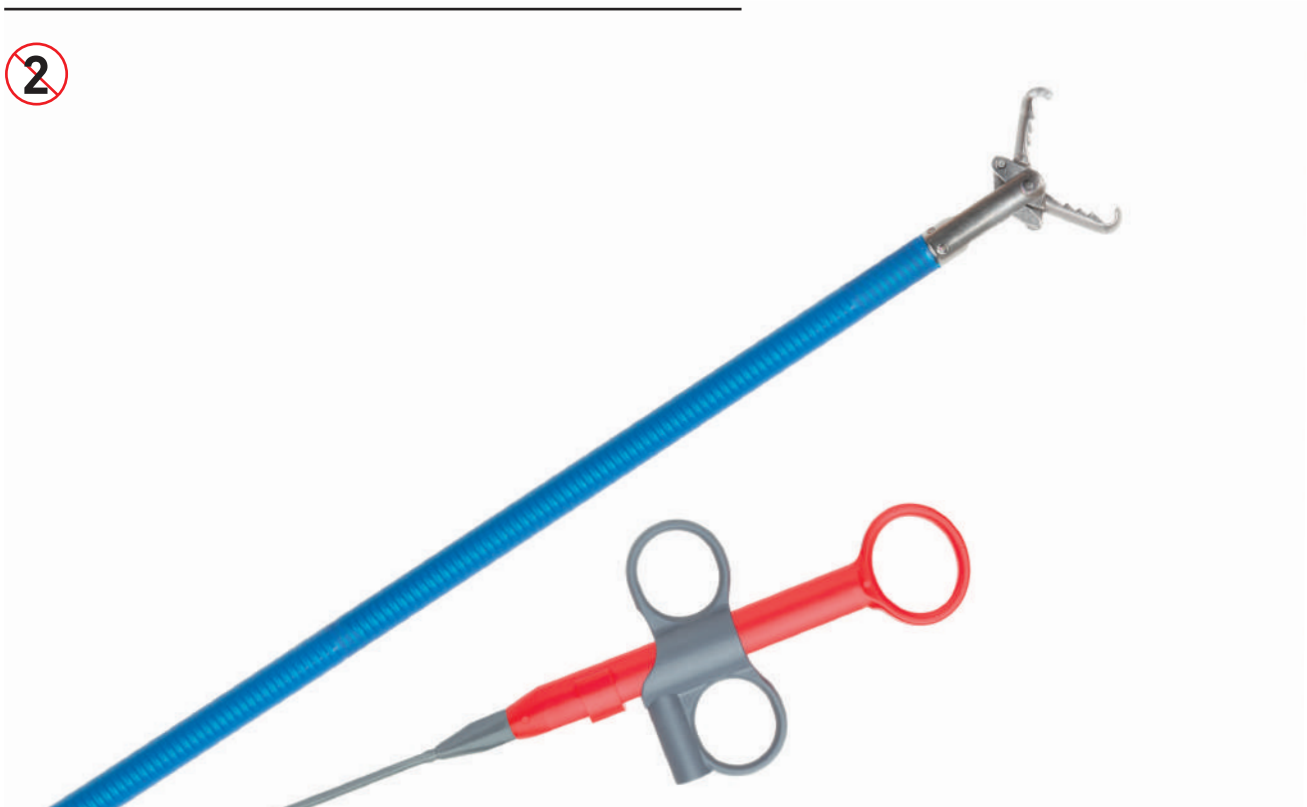


Order no.	Article no.	Opening dimension mm	Diameter mm	Length cm	PU
990721420 x10	990721420	15,5	2,3	230	10

FOREIGN BODY REMOVING FORCEPS

short alligator mouth, 1 to 2 teeth, coated

2

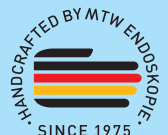


Order no.	Article no.	Opening dimension mm	Diameter mm	Length cm	PU
990721320 x10	990721320	7,5	2,3	230	10
990711320 x10	990711320	9	1,8	230	10

Figure shows article REF 990721320

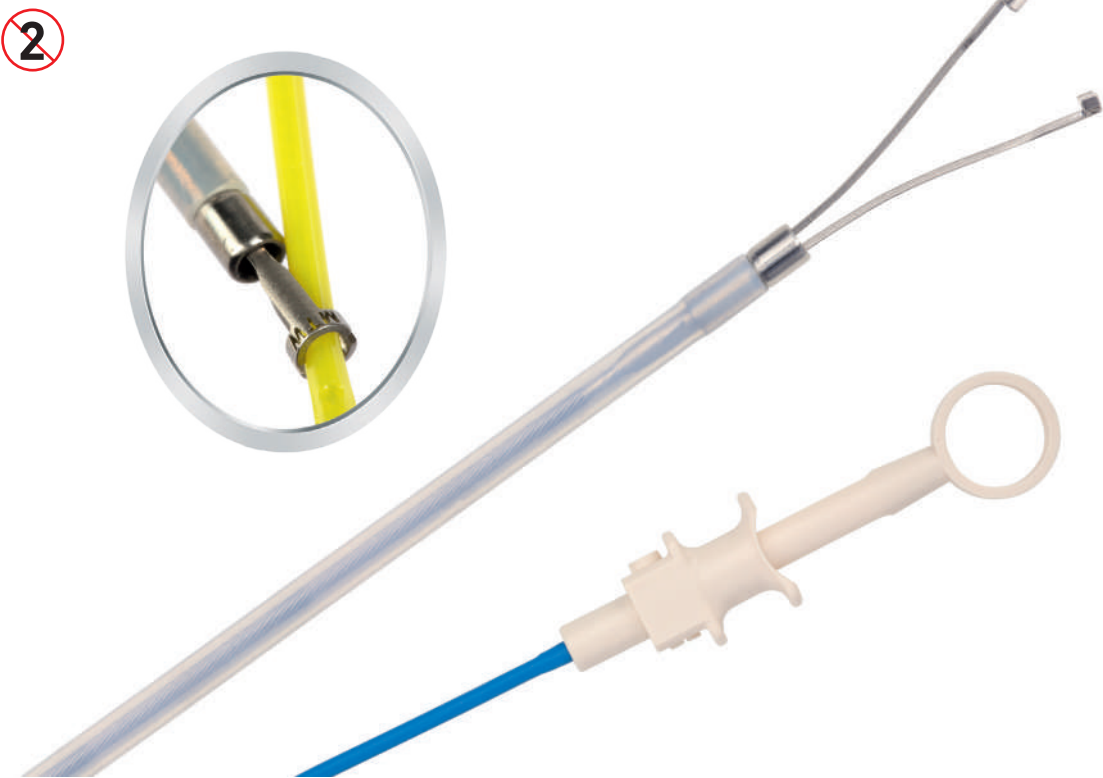
Foreign body removing forceps

grasping forceps for nutrition probes



FOREIGN BODY REMOVING FORCEPS

grasping forceps for nutrition probes

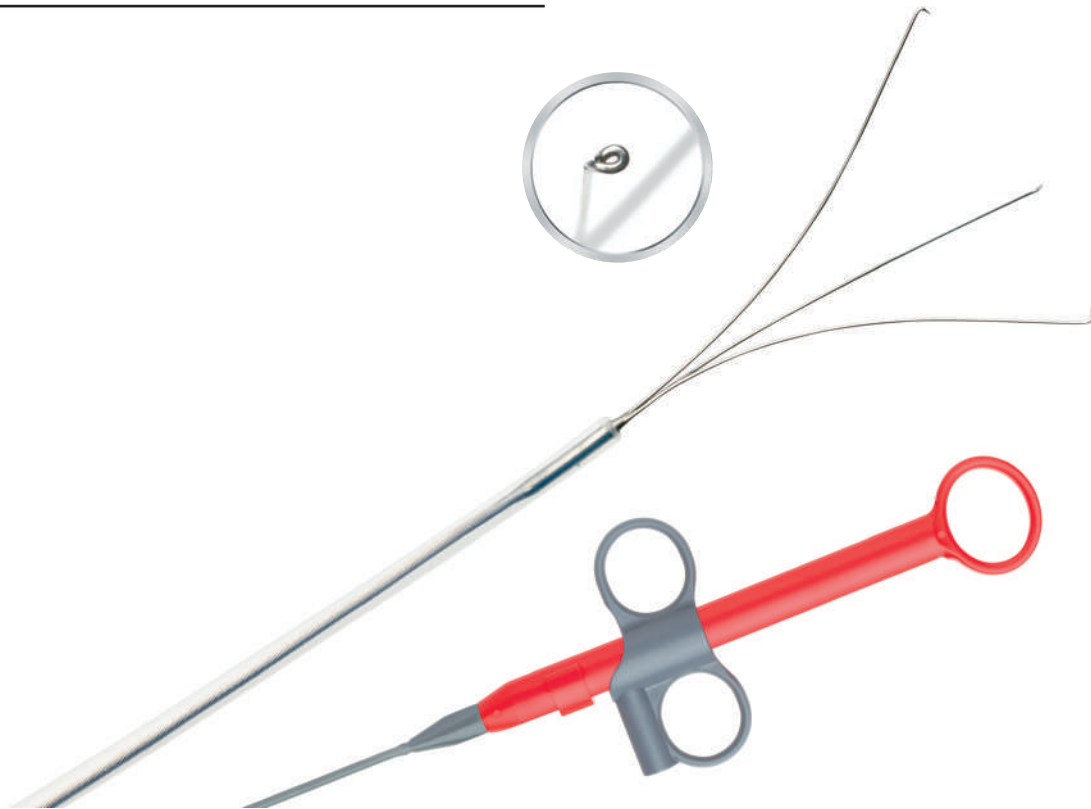


Order no.	Article no.	Opening width mm	Diameter mm	Length cm	PU
990731243 x2	990731243	10	2,5	250	2

POLYPOTOMES

PTFE-tube

2

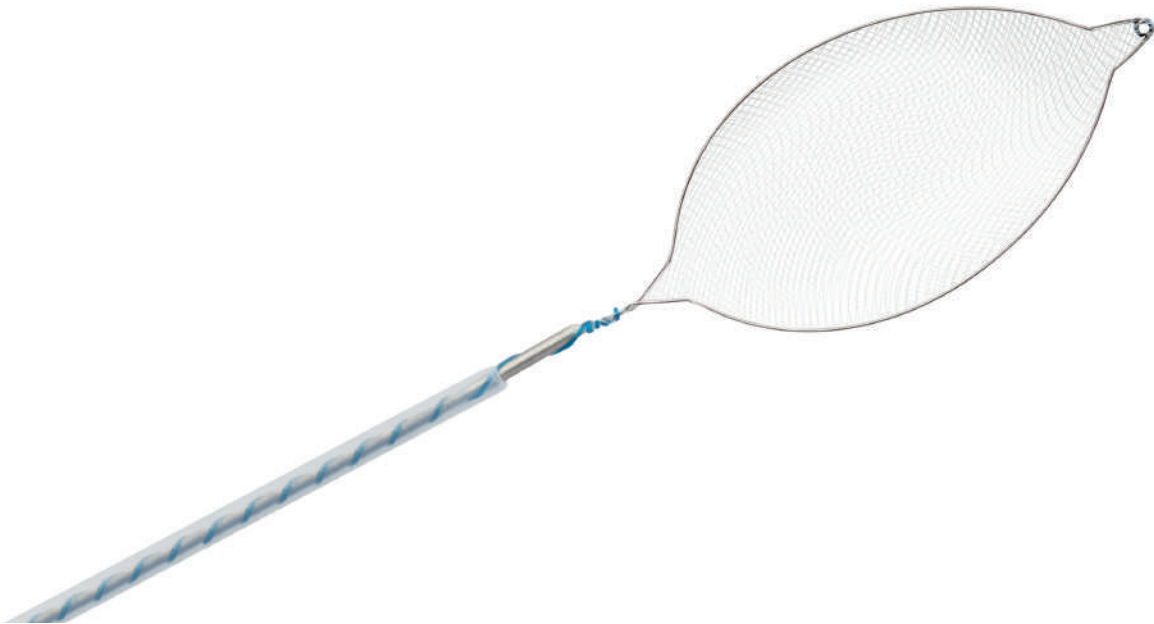


Order no.	Article no.	Opening dimension mm	Number of arms	Diameter mm	Length cm	PU
990723223 x10	990723223	30	3	2,3	230	10
990724223 x10	990724223	30	4	2,3	230	10

Figure shows article REF 990723223

POLYP TRAP NET LOOPS “POLYP CATCHER”

2

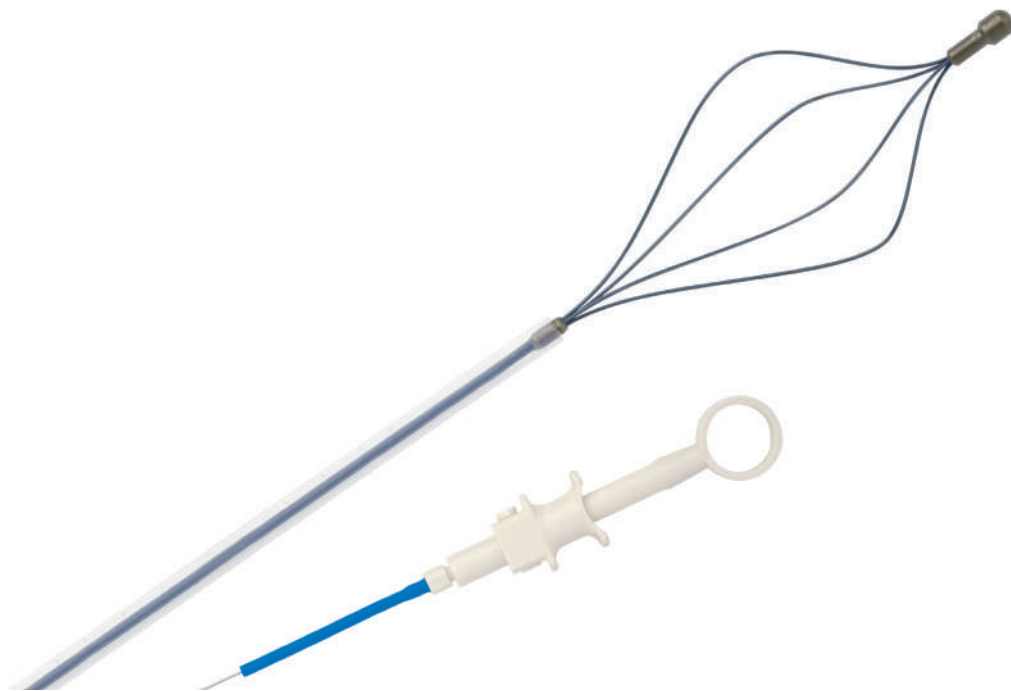


Order no.	Article no.	Opening dimension width x height mm	Diameter mm	Length cm	PU
990725180 x10	990725180	25 x 55	1,8	180	10
990730230 x10	990730230	30 x 60	2,5	230	10
990740230 x10	990740230	40 x 75	2,5	230	10

Figure shows article REF 990730230

BASKET FOR FOREIGN BODY, NITINOL

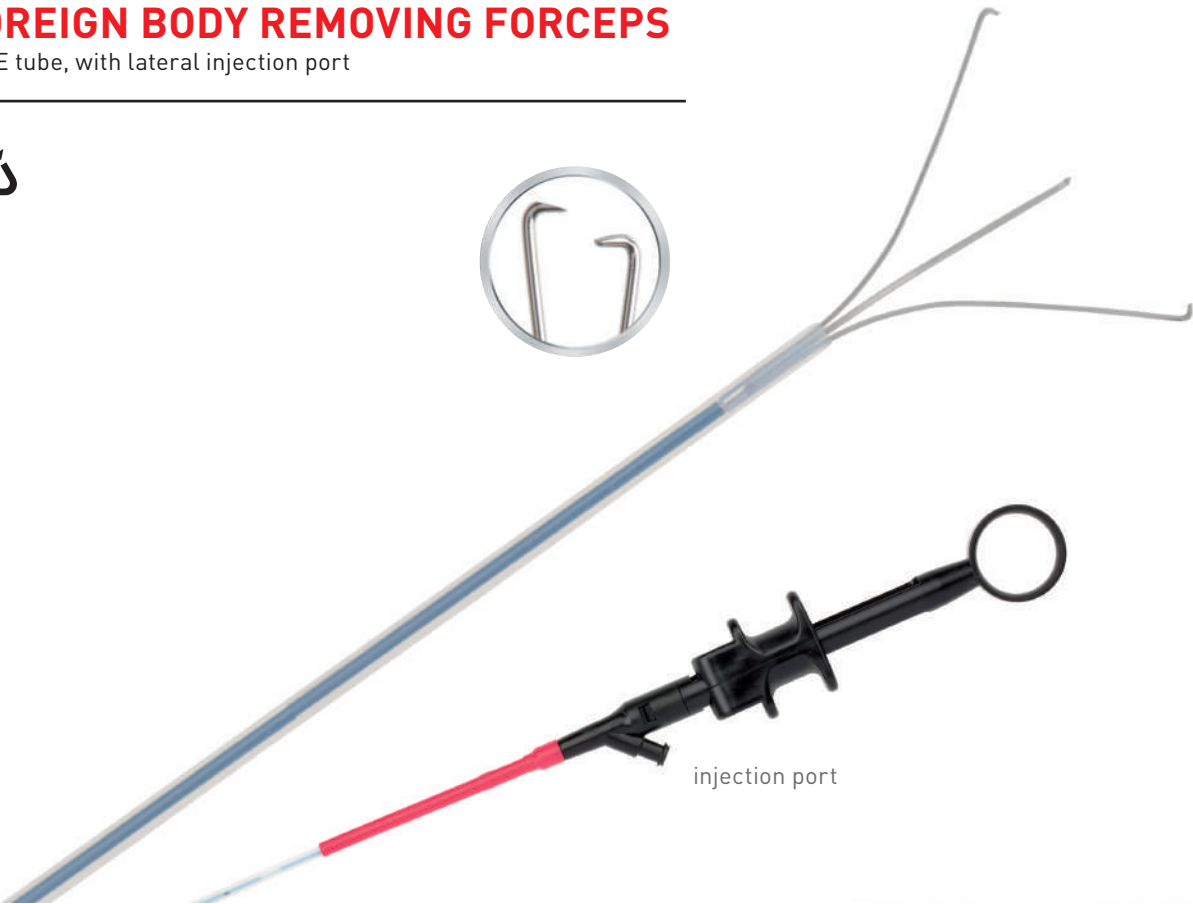
2



Order no.	Article no.	Basket expanded dimension mm		Basket type	Diameter mm	Length cm	PU
		Opening width	Opening length				
991103112302 x2	991103112302	15	25	straight	1,8	120	2

FOREIGN BODY REMOVING FORCEPS

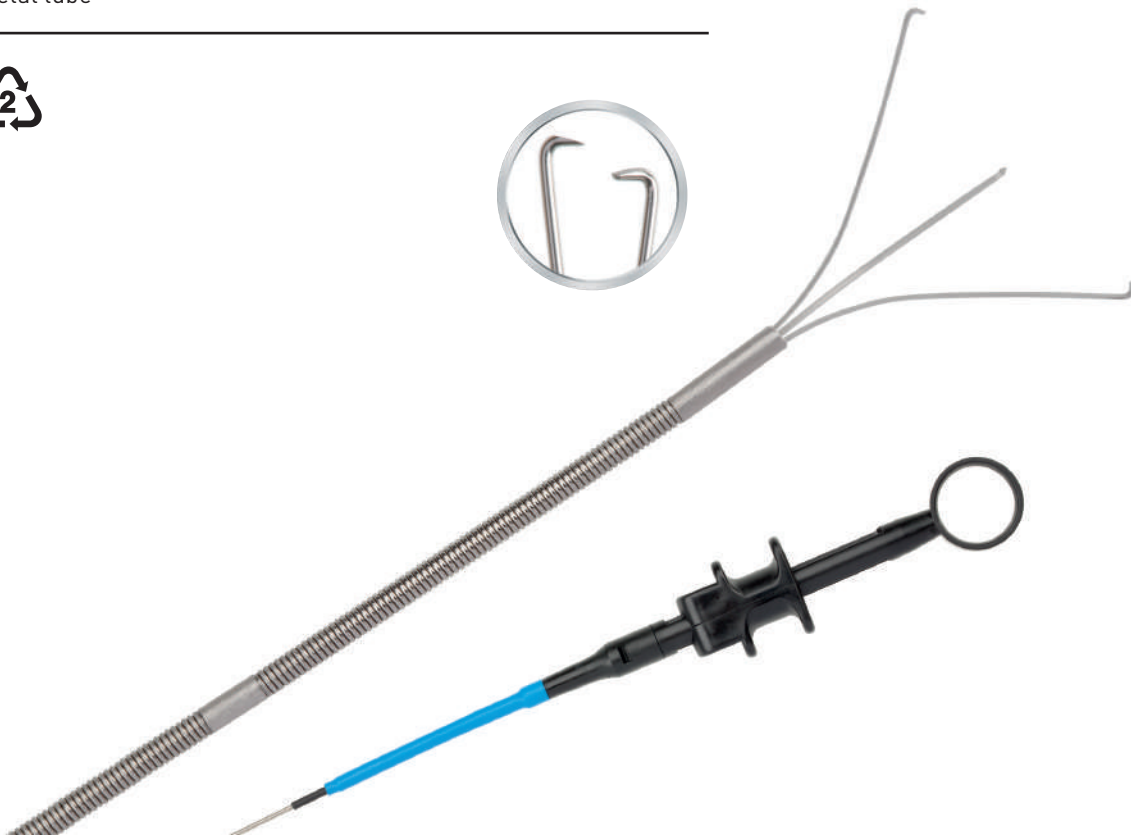
PTFE tube, with lateral injection port



Order no.	Article no.	Opening dimension mm	Number of arms	Diameter mm	Length cm	PU
0720123	0720123	30	3	2,5	230	1

FOREIGN BODY REMOVING FORCEPS

metal tube



Order no.	Article no.	Opening dimension mm	Number of arms	Diameter mm	Length cm	PU
1107101	1107101	20	3	1,8	120	1

FOREIGN BODY REMOVING FORCEPS

metal tube



Order no.	Article no.	Opening dimension mm	Forceps shape	Diameter mm	Length cm	PU
1107107	1107107	7,8	oval spoon shaped, toothed	1,8	120	1
1107207	1107207	7,2	oval spoon shaped, toothed	2,2	120	1

Figure shows article REF 1107107

FOREIGN BODY REMOVING FORCEPS

metal tube



Order no.	Article no.	Opening dimension mm	Forceps shape	Diameter mm	Length cm	PU
0721020	0721020	8	long alligator mouth, flat jaws with cross and lengthways grooves	2,2	230	1

FOREIGN BODY REMOVING FORCEPS

metal tube



Order no.	Article no.	Opening dimension mm	Forceps shape	Diameter mm	Length cm	PU
1107106	1107106	4,8	flat jaws with 1 to 2 teeth	1,8	120	1
0710620	0710620	4,8	flat jaws with 1 to 2 teeth	1,8	230	1
0720620	0720620	7	flat jaws with 1 to 2 teeth	2,2	230	1

Figure shows article REF 0710620

FOREIGN BODY REMOVING FORCEPS “PEG-FORCEPS”

metal tube



Order no.	Article no.	Opening dimension mm	Diameter mm	Length cm	PU
0721230	0721230	8	2,6	180	1

FOREIGN BODY REMOVING FORCEPS, TISSUE FIXATION FORCEPS

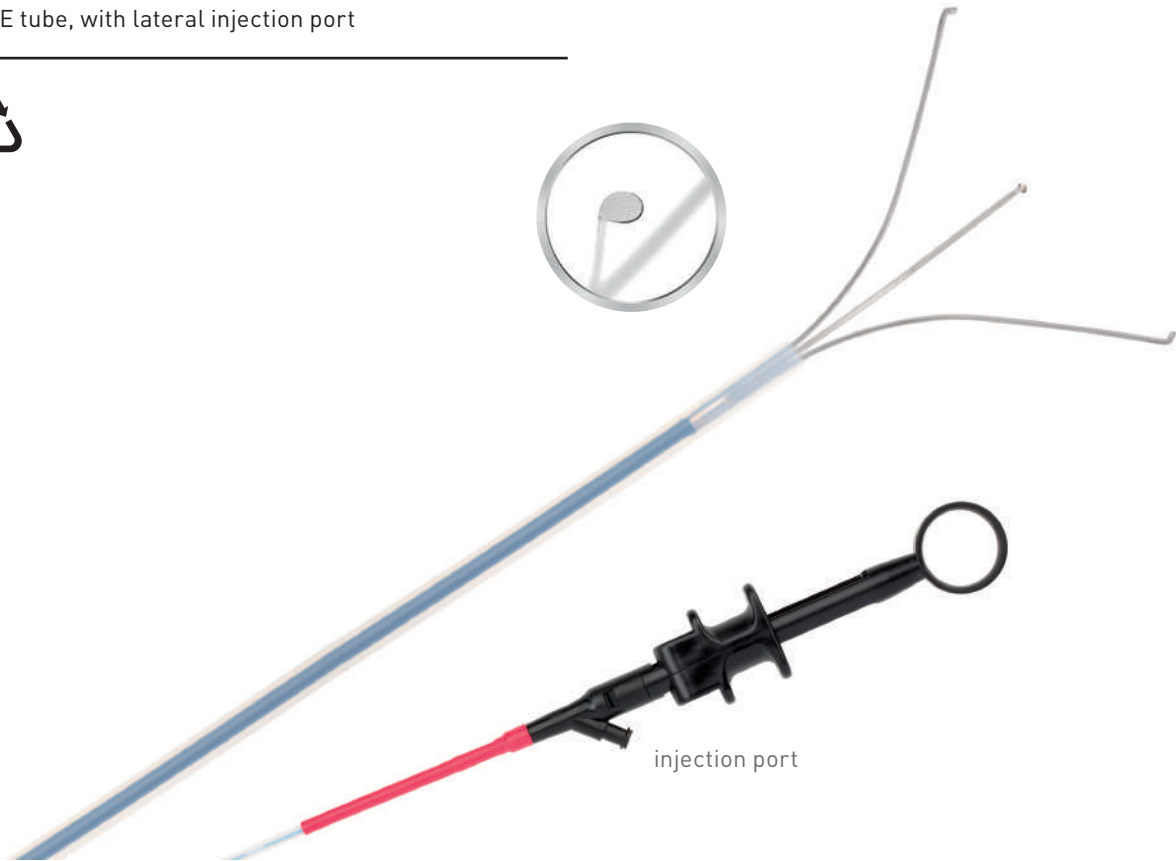
metal tube



Order no.	Article no.	Opening dimension mm	Diameter mm	Length cm	PU
0721240	0721240	8	2,6	185	1

POLYPOTOMES

PTFE tube, with lateral injection port



Order no.	Article no.	Opening dimension mm	Number of arms	Diameter mm	Length cm	PU
0720223	0720223	30	3	2,5	230	1
0734423	0734423	30	4	2,5	230	1
0735523	0735523	30	5	2,5	230	1

Figure shows article REF 0720223

COLOUR CODES AND SYMBOLS



— Disposable products



— Reusable products

BRUSHES

08

CYTOLOGY BRUSHES

CLEANING BRUSHES

BRUSHES



CYTOLOGY BRUSHES

2

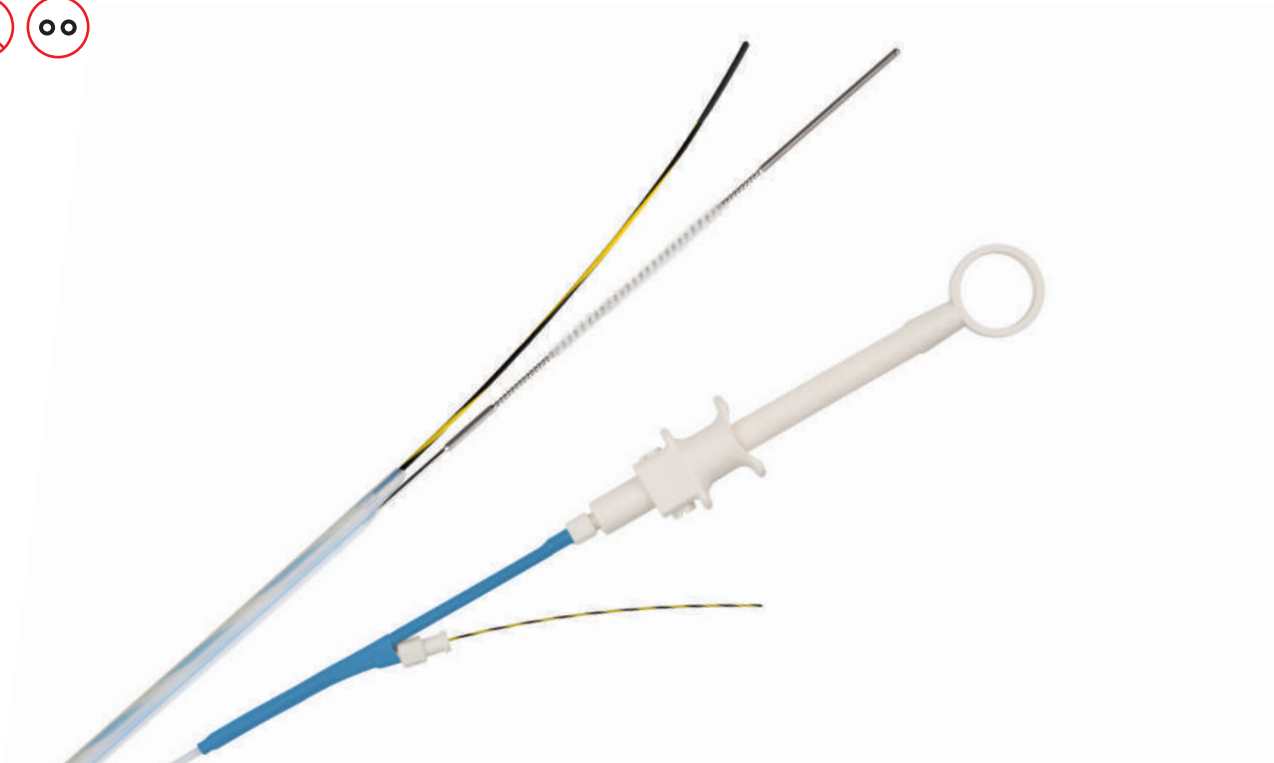


Order no.	Article no.	Brush diameter mm	Diameter mm	Length cm	Name	PU
0832011 x10	0832011	2,5	1,75	120	Broncho-Set	10
0833111 x10	0833111	3,0	2,35	160	Gastro-Set	10
0833211 x10	0833211	3,0	2,35	220	Colo-Set	10

Figure shows article REF 0832011

CYTOLOGY BRUSH

double-lumen, with guiding tip, for guide wire



Order no.	Article no.	Brush diameter mm	For guide wire inch	Diameter mm	Length cm	PU
0821281 x2	0821281	2,5	0.035	2,7	200	2

CLEANING BRUSHES



CLEANING BRUSHES, ONE-SIDED

2



Order no.	Article no.	Brush diameter mm	Working channel mm	Diameter mm	Length cm	PU
0841250 x50	0841250	1,8	1,0 - 1,6	0,8	230	50
0843050 x50	0843050	3,0	1,8	1,6	100	50
0843150 x50	0843150	3,0	1,8	1,6	180	50
0843250 x50	0843250	3,0	1,8	1,6	230	50
0843350 x50	0843350	3,0	1,8	1,6	280	50
0845150 x50	0845150	5,0	2,8	1,8	180	50
0845250 x50	0845250	5,0	2,8	1,8	230	50

Figure shows article REF 0841250

CLEANING BRUSHES, DOUBLE-SIDED

2



Order no.	Article no.	Brush diameter mm	Working channel mm	Diameter mm	Length cm	PU
0843152 x50	0843152	3,0	1,8	1,6	180	50
0843252 x50	0843252	3,0	1,8	1,6	230	50
0845152 x50	0845152	5,0	2,8	1,8	180	50
0845252 x50	0845252	5,0	2,8	1,8	230	50
0845352 x50	0845352	5,0	2,8	1,8	280	50
0848252 x50	0848252	8,0	4,2	1,8	230	50

Figure shows article REF 0843152

CLEANING BRUSH FOR BIOPSY VALVE

2

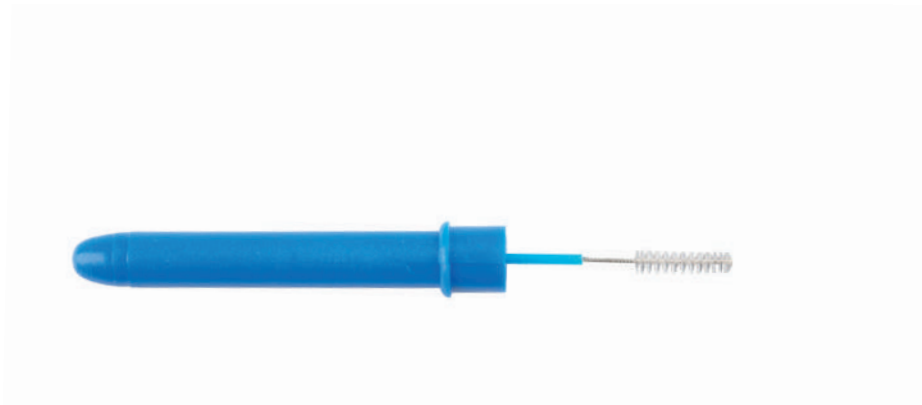


Order no.	Article no.	Diameter brush 1 mm	Diameter brush 2 mm	Length cm	PU
081105 x50	081105	11	5	15,5	50

CLEANING BRUSH

for Albarran lever

2



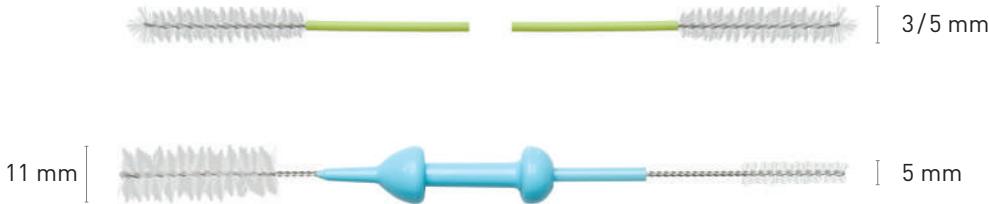
Order no.	Article no.	Brush diameter mm	Length cm	PU
080220 x100	080220	2	6	100

CLEANING BRUSH SET

2



Order no.	Article no.	Description	Diameter brushes mm	Working channel mm	PU
0843252S x50	0843252S	Cleaning brushes, double-sided	3	1,8 - 2,6	50
		Cleaning brushes for biopsy valve	11 + 5	-	50
0845252S x50	0845252S	Cleaning brushes, double-sided	5	2,7 - 4,6	50
		Cleaning brushes for biopsy valve	11 + 5	-	50



CLEANING BRUSHES, DOUBLE-SIDED



Order no.	Article no.	Brush diameter mm	Working channel mm	Diameter mm	Length cm	PU
0805202	0805202	5,0	2,8	1,8	230	1

CLEANING BRUSHES, ONE-SIDED



Order no.	Article no.	Brush diameter mm	Working channel mm	Diameter mm	Length cm	PU
0805101	0805101	5,0	2,8	1,8	160	1
0805201	0805201	5,0	2,8	1,8	230	1

Figure shows article REF 0805101

COLOUR CODES AND SYMBOLS



— Disposable products



— Reusable products



— Double-lumen products

INJECTION NEEDLES
ASPIRATION NEEDLE

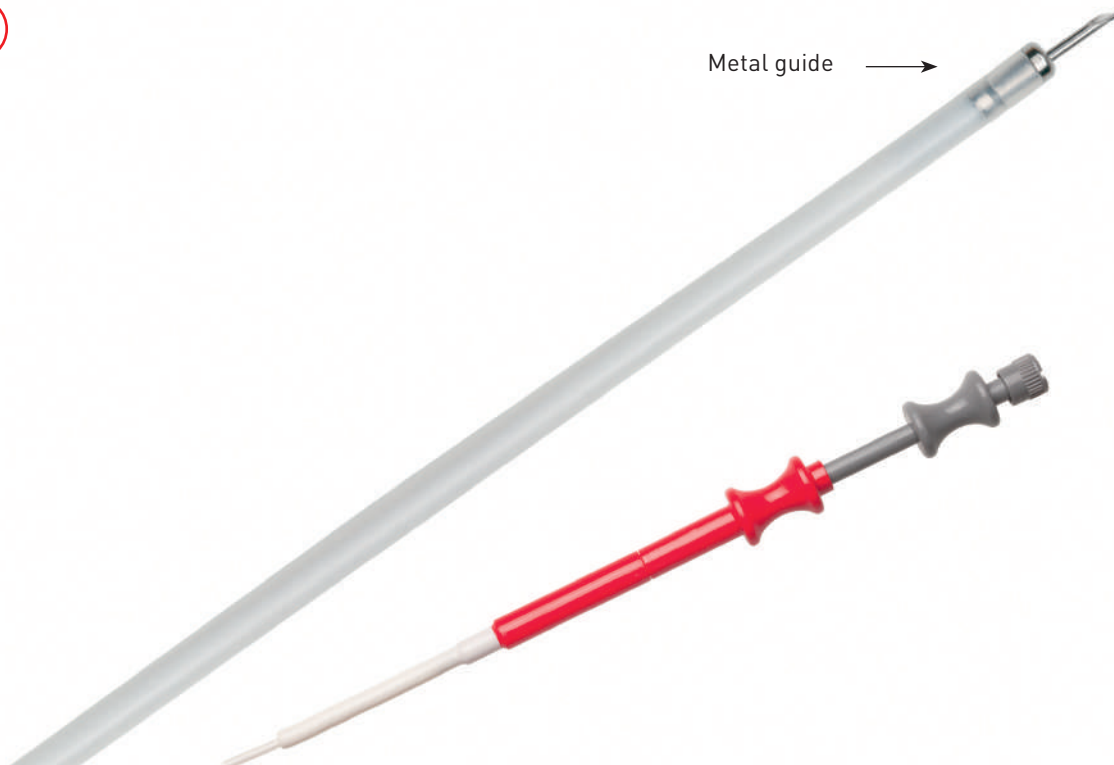
INJECTION NEEDLES



INJECTION NEEDLES

with click-lock-system, pinpoint working

2



Order no.	Article no.	Cannula diameter mm	Needle length mm	Metal tip	Diameter mm	Length cm	PU
0910518211 x10	0910518211	0,5	5		1,75	180	10
0910523112 x10	0910523112	0,5	3	•	2,35	230	10
0910718212 x10	0910718212	0,7	5	•	2,35	180	10
0910723212 x10	0910723212	0,7	5	•	2,35	230	10
0910728111 x10	0910728111	0,7	5		1,75	280	10
0910728212 x10	0910728212	0,7	5	•	2,35	280	10
0911018212 x10	0911018212	1,0	5	•	2,35	180	10
0911023212 x10	0911023212	1,0	5	•	2,35	230	10

Figure shows article REF 0910723212

INJECTION NEEDLES, DOUBLE-LUMEN

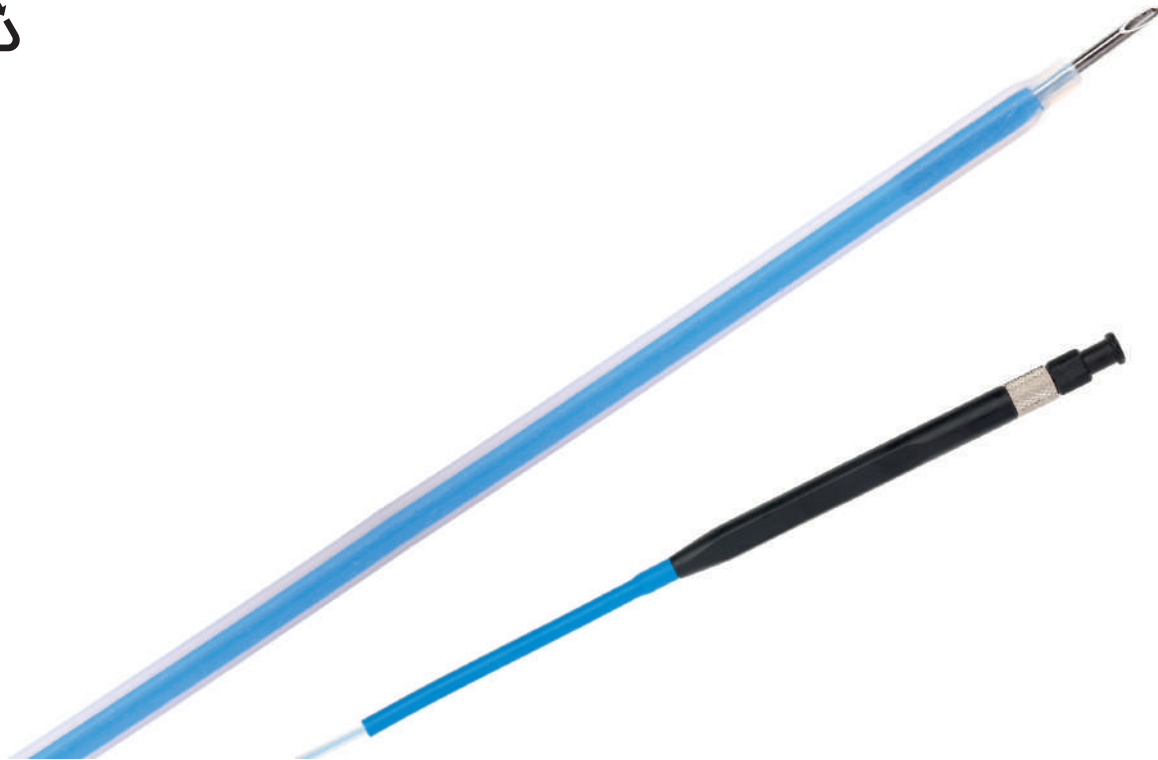
for fibrin-adhesive injection



Order no.	Article no.	Cannula diameter mm	Extended cannula length mm	Diameter mm	Length cm	PU
990927523426 x2	990927523426	0,5 / 0,7	6	2,6	230	2
990927723426 x2	990927723426	0,7 / 0,7	6	2,6	230	2

Figure shows article REF 990927723426

INJECTION NEEDLES

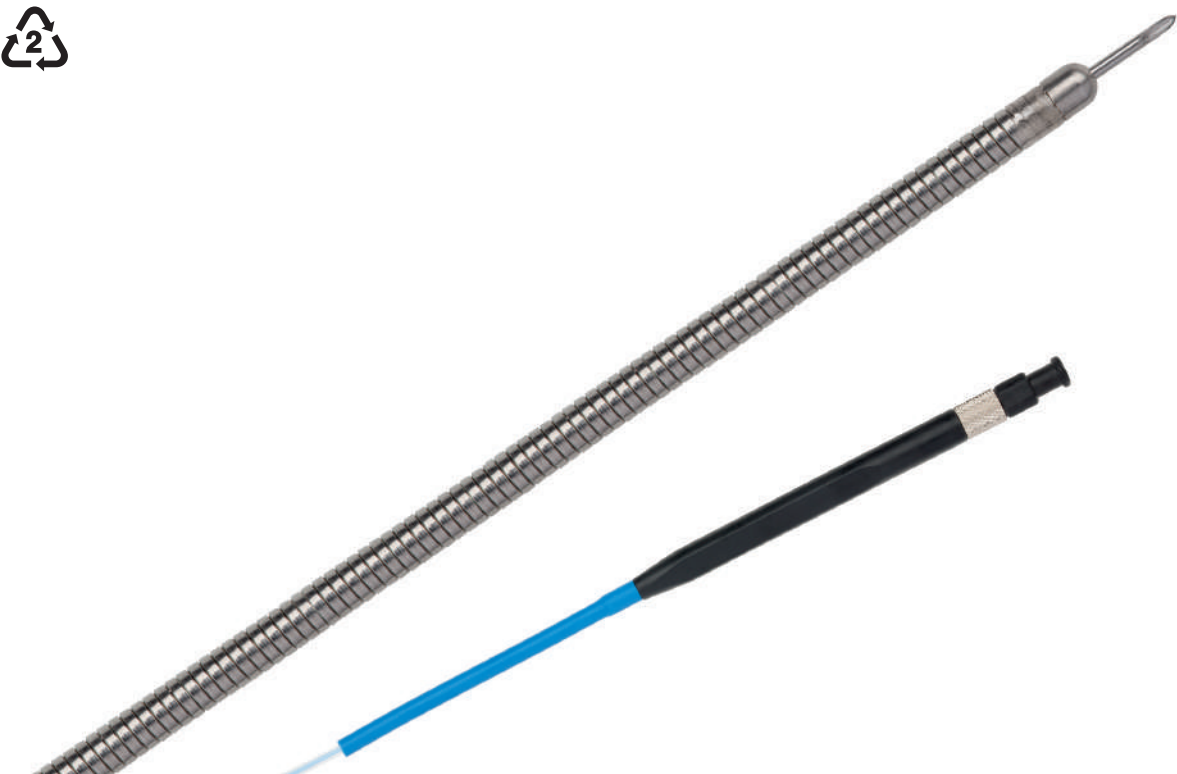


Order no.	Article no.	Cannula diameter mm	Extended cannula length mm	Diameter mm	Length cm	PU
0910718218	0910718218	0,7	5	1,8	180	1
0910723223	0910723223	0,7	5	2,3	230	1

Figure shows article REF 0910718218

INJECTION NEEDLE

with metal tube

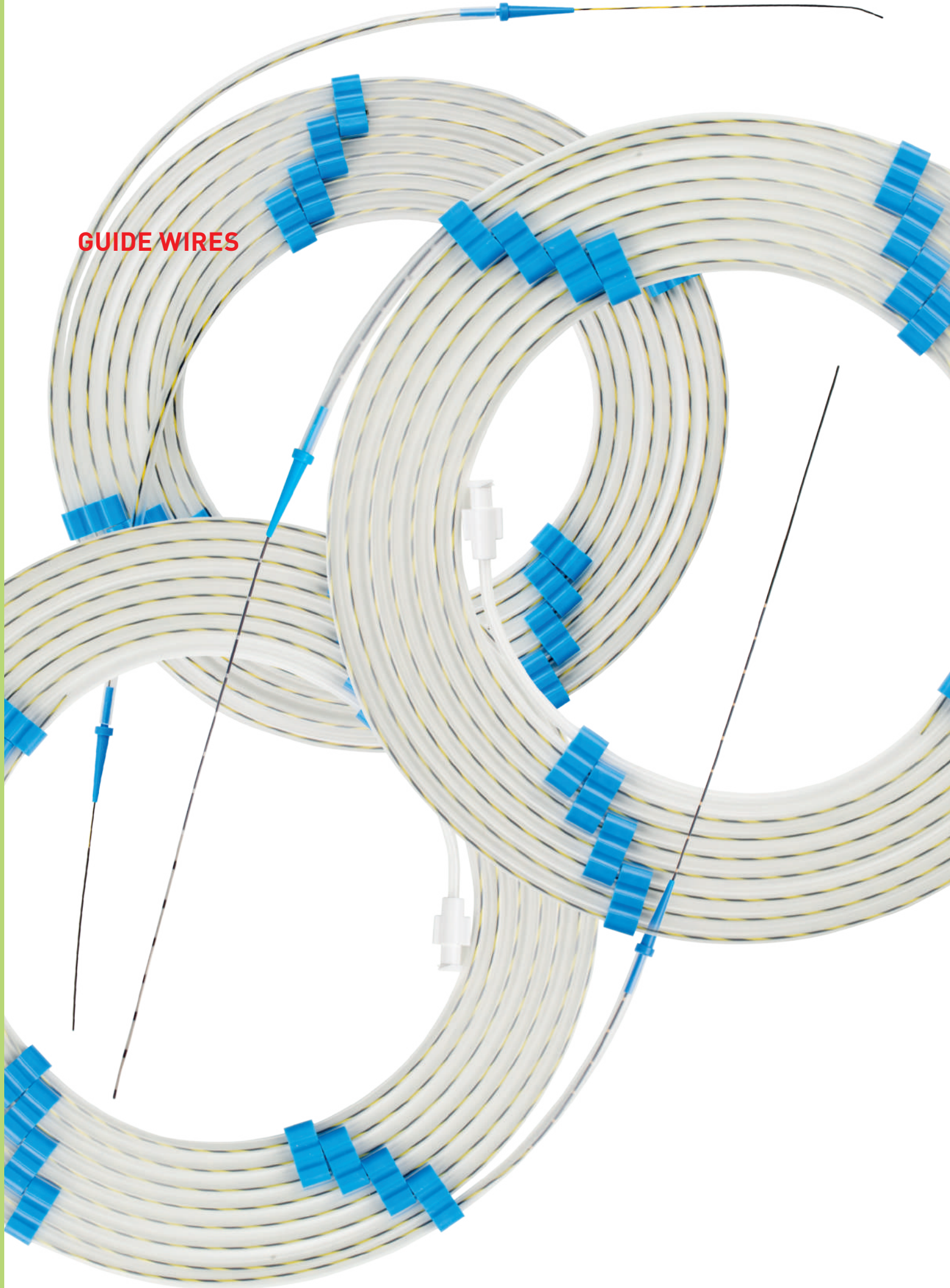


Order no.	Article no.	Cannula diameter mm	Extended cannula length mm	Diameter mm	Length cm	PU
0910723123	0910723123	0,7	5	2,3	230	1

COLOUR CODES AND SYMBOLS

 — Disposable products

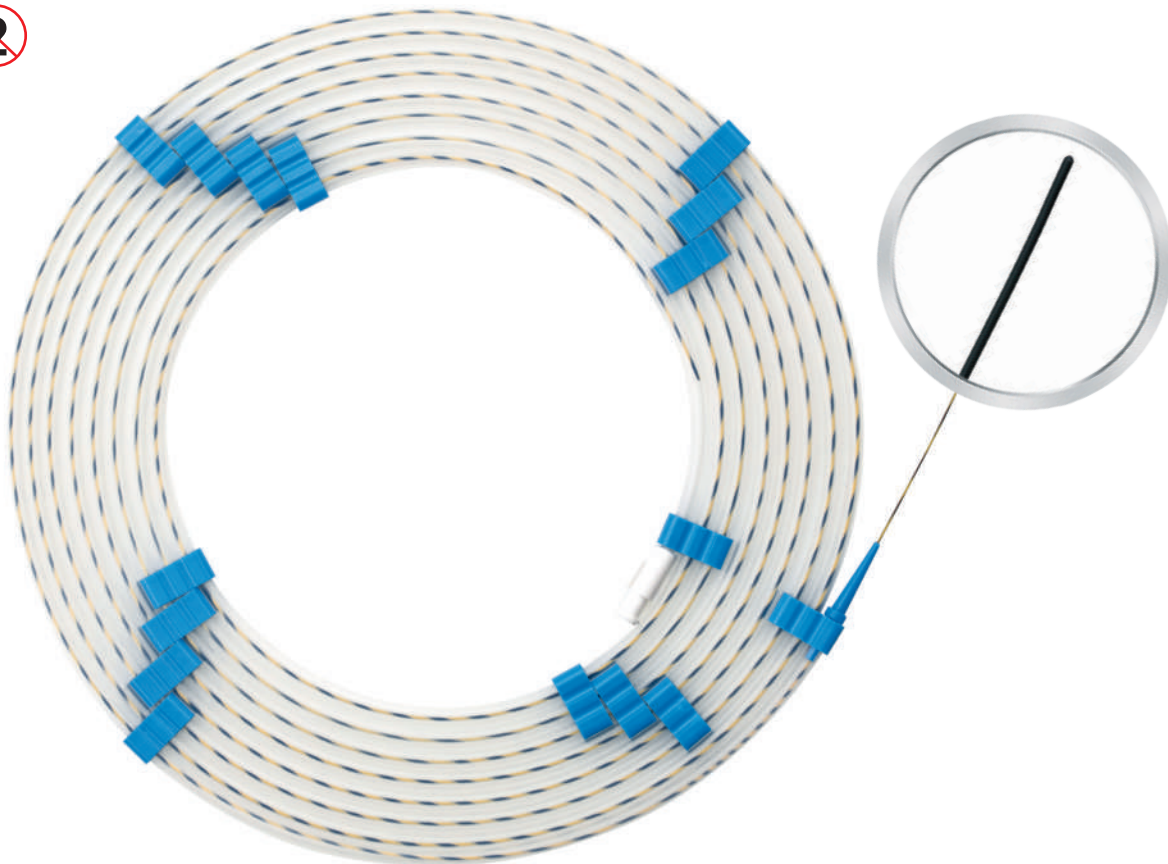
GUIDE WIRES



GUIDE WIRE "SNAP-TIP"

kink-resistant, Nitinol

2

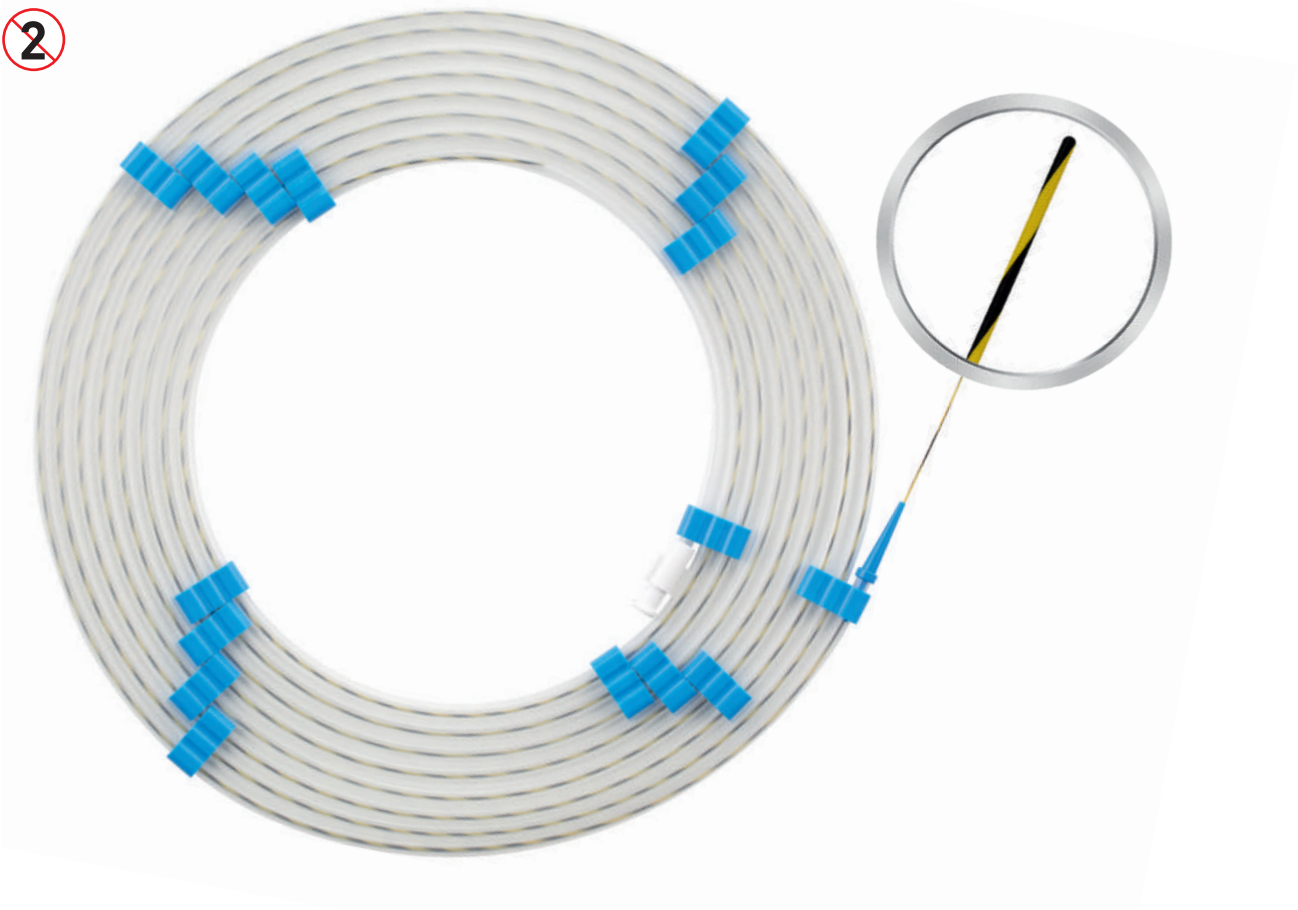


Order no.	Article no.	Guide wire tip		Color version coiled	Diameter inch	Length cm	PU
002926 x5	002926	straight	60 mm PU radiopaque	green-black	0.025	260	5
002946 x5	002946	straight	60 mm PU radiopaque	green-black	0.025	460	5
002946A x5	002946A	angled	60 mm PU radiopaque	green-black	0.025	460	5
002955 x5	002955	straight	60 mm PU radiopaque	green-black	0.025	550	5
003926 x5	003926	straight	50 mm PU radiopaque	yellow-black	0.035	260	5
003926A x5	003926A	angled	50 mm PU radiopaque	yellow-black	0.035	260	5
003946 x5	003946	straight	50 mm PU radiopaque	yellow-black	0.035	460	5
003946A x5	003946A	angled	50 mm PU radiopaque	yellow-black	0.035	460	5
003955 x5	003955	straight	50 mm PU radiopaque	yellow-black	0.035	550	5

Figure shows article REF 003946

GUIDE WIRE, NITINOL

kink-resistant, 50 mm flexible platinum tip



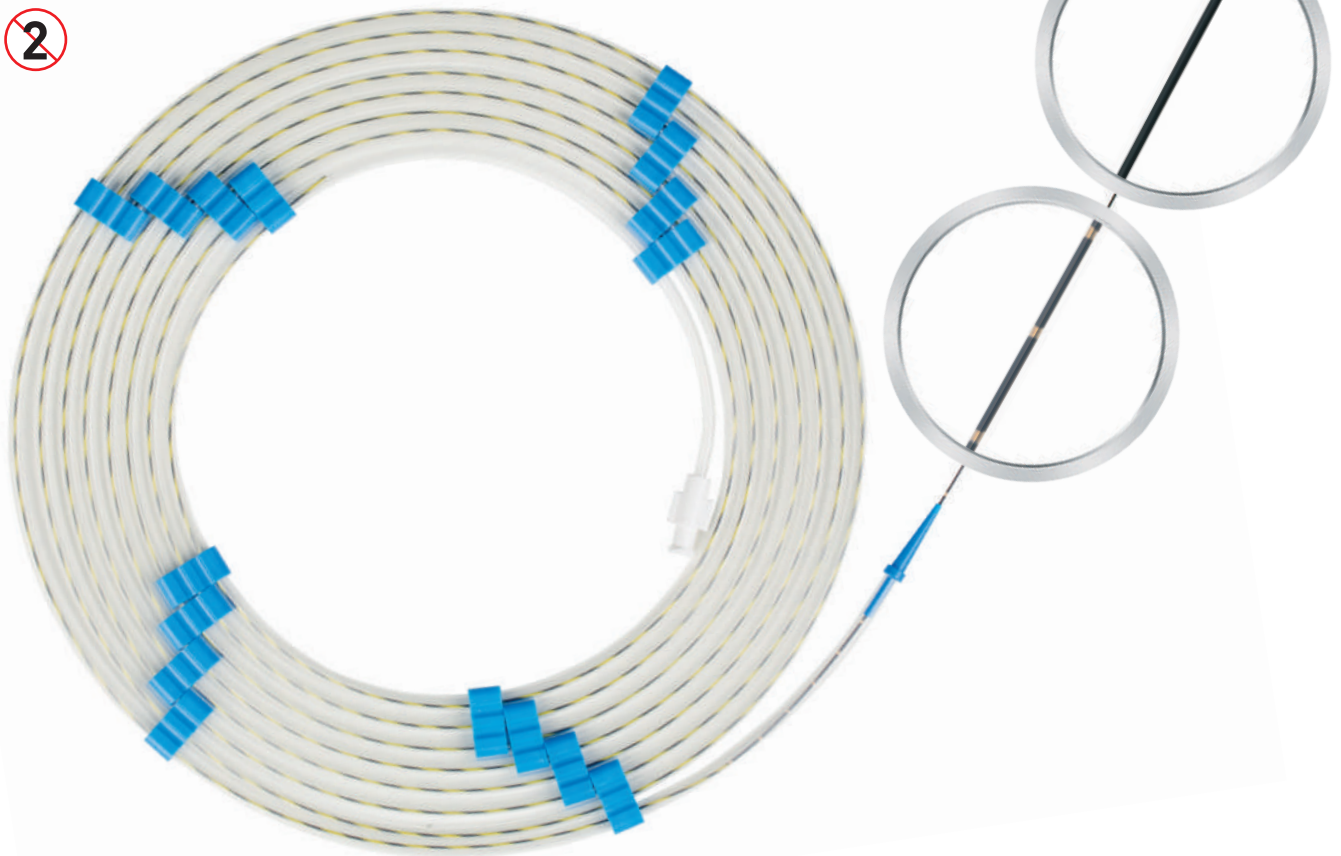
Order no.	Article no.	Guide wire tip	Color version coiled	Diameter inch	Length cm	PU
001846 x5	001846	straight 50 mm platinum tip	blue	0.018	460	5
002246 x5	002246	straight 50 mm platinum tip	green-black	0.025	460	5
003246 x5	003246	straight 50 mm platinum tip	yellow-black	0.035	460	5

Figure shows article REF 003246

GUIDE WIRE "GOLD-STAR" WITH "SNAP-TIP"

kink-resistant, Nitinol

2



Order no.	Article no.	Guide wire tip	Color version coiled	Diameter inch	Length cm	PU
004046 x5	004046	straight "Snap-Tip"	yellow-black	0.035	460	5

The guide wire is equipped with 18 visible endoscopic and X-ray gold marks



GUIDE WIRE

with flexible tip for esophageal bougie

2

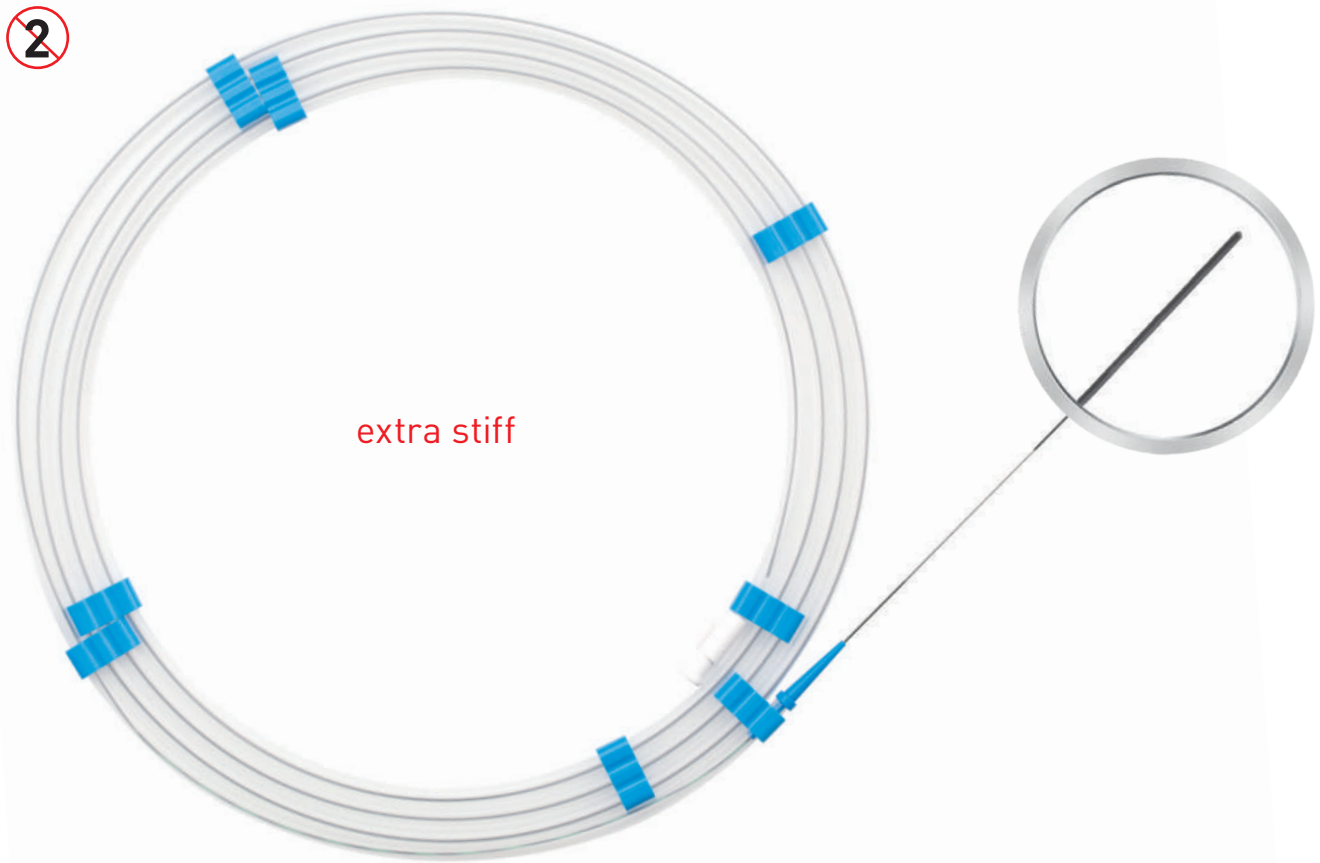


Order no.	Article no.	Guide wire tip	Marking from 1 to 5	Diameter inch	Length cm	PU
0088215 x5	0088215	stainless steel spring	•	0.070 / 0.035	215	5
0088350 x5	0088350	stainless steel spring		0.070 / 0.035	350	5

GUIDE WIRE

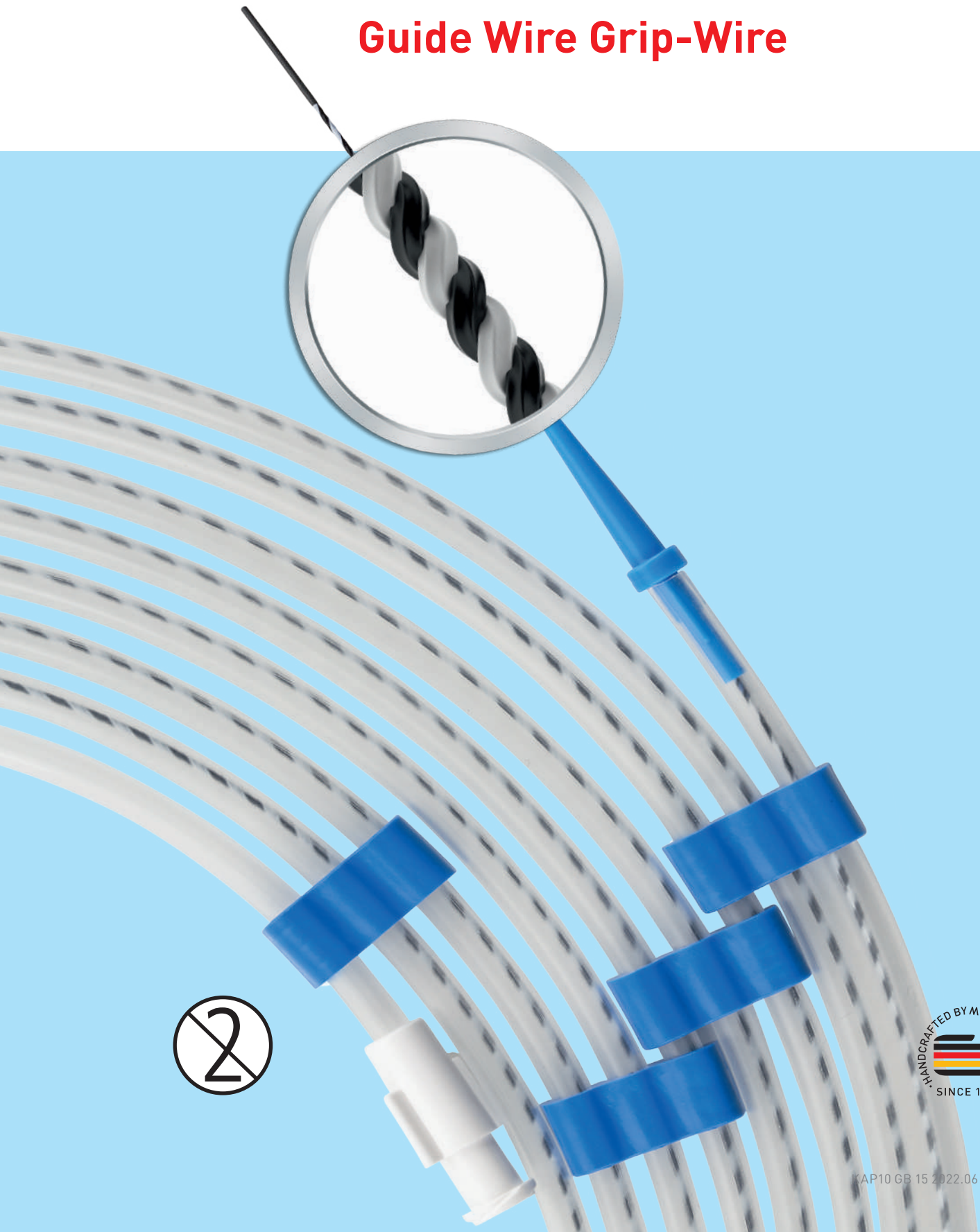
with flexible tip, for esophageal bougies and self-expanding esophageal stents

2



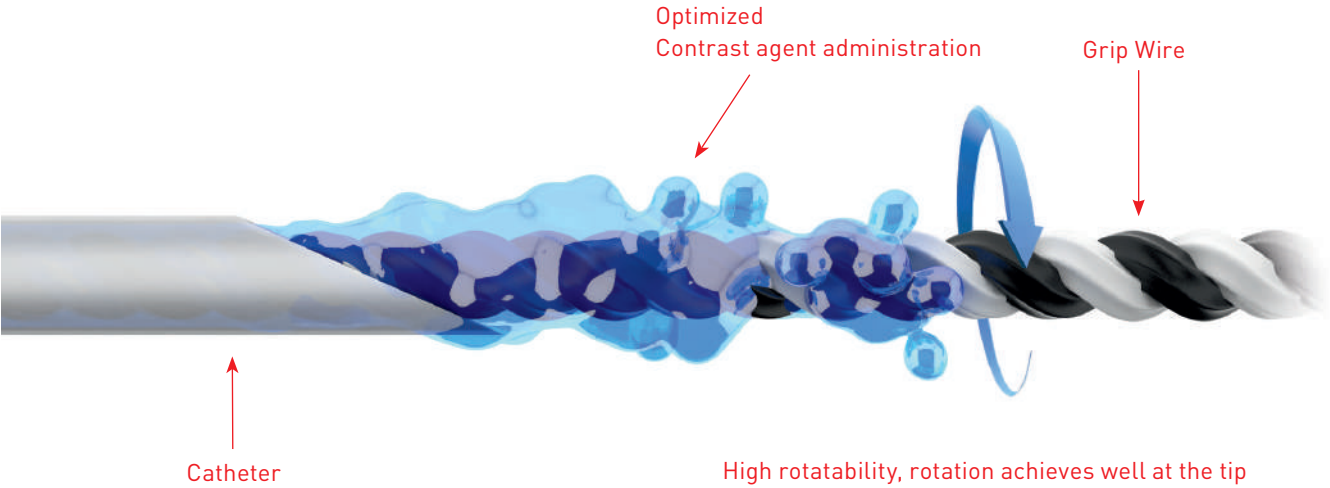
Order no.	Article no.	Guide wire tip	Diameter inch	Length cm	PU
004126 x5	004126	Nitinol	0.035	260	5

Guide Wire Grip-Wire



GUIDE WIRE GRIP-WIRE

2

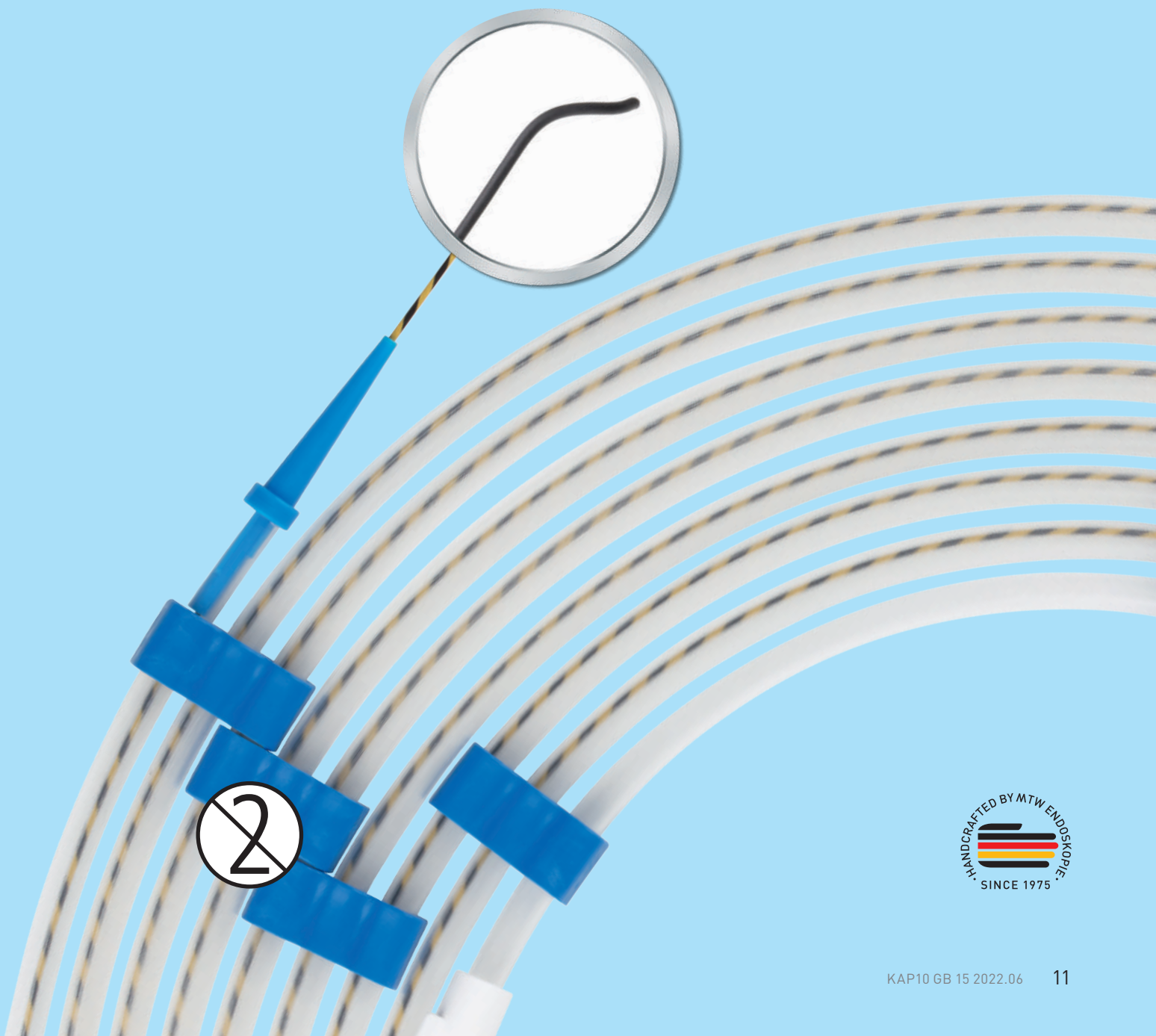


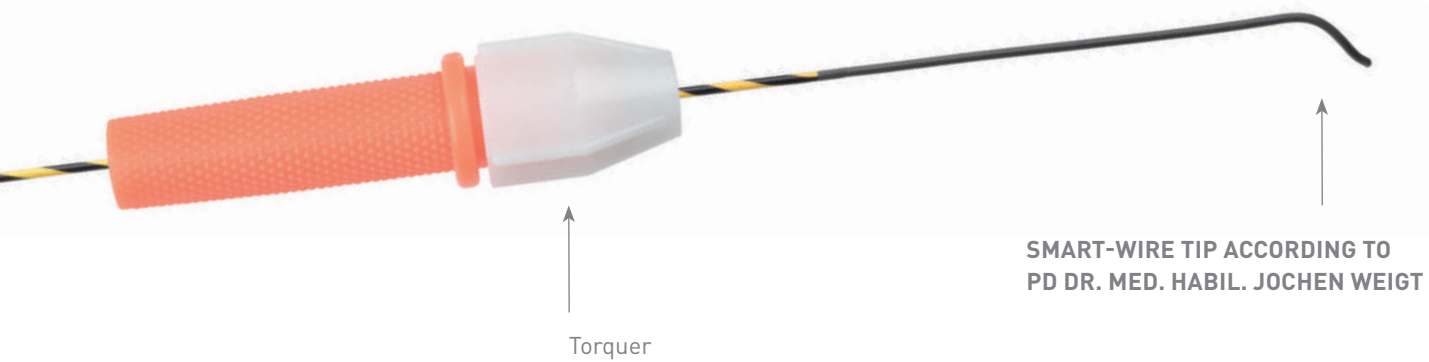
Order no.	Article no.	Guide wire tip	Colour design coiled	Diameter inch	Length cm	PU
004446 x5	004446	straight	black / white	0.035	460	5



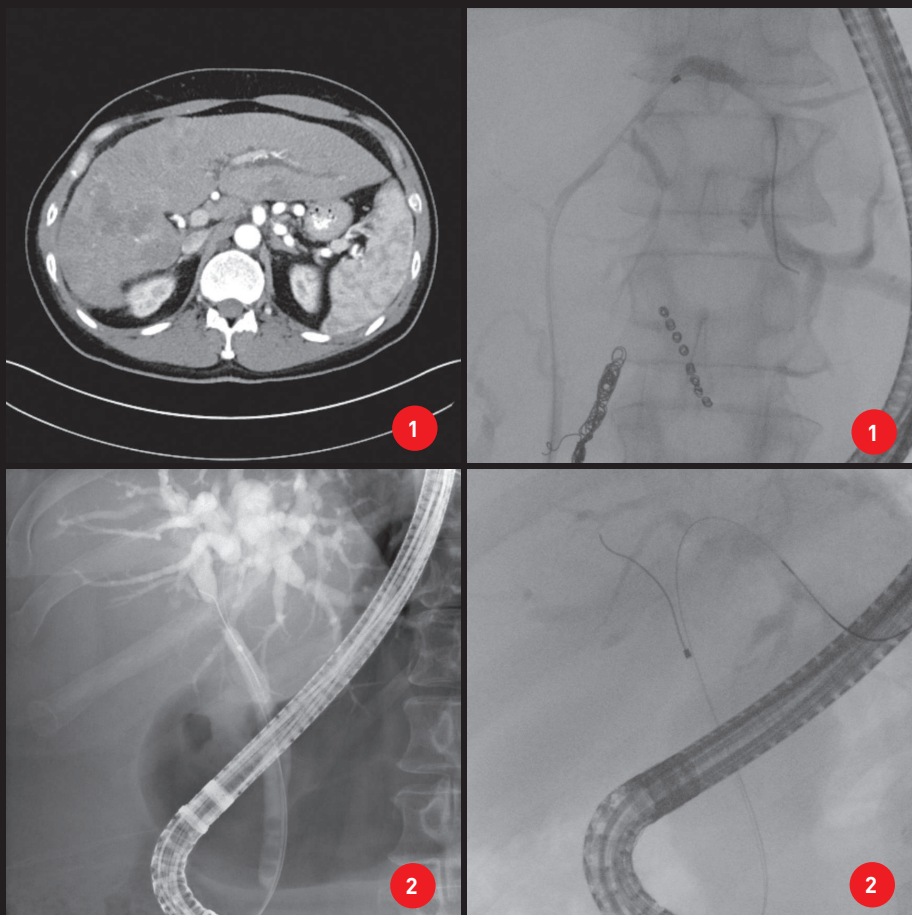
Guide wire, „Smart-Wire“

Prof. Dr. med. Jochen Weigt





1. targeted cannulation of a single dilated segmental branch in the left hepatic lobe for liver metastases.
2. targeted selective cannulation of both Dd. hepatici for Klatskin tumors.

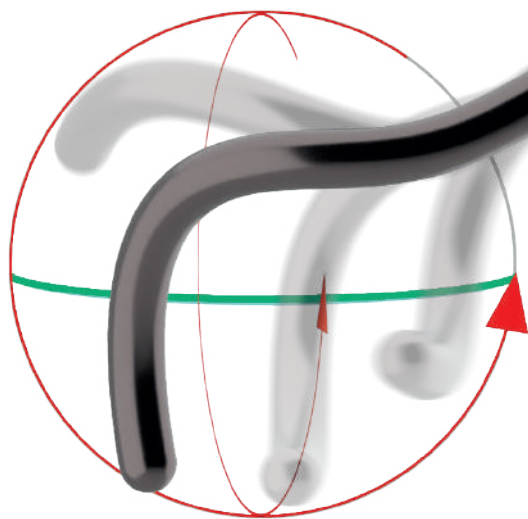


Guide wire, „Smart-Wire“

according to Prof. Dr. med. Jochen Weigt

- Rotatable guide wire
- Fast and precise operation of the torquer
- High precision for targeted cannulation of bile ducts
- Rapid detection of stenosed bile ducts
- Also suitable for cannulation of the papilla
- Can be used with catheter or papillotome
- High contrast in fluoroscopy
- Hydrophilic coating with high lubricity
- Less „kinking“ due to shortening of the flexible tip (higher precision)

SMART-WIRE TIP ACCORDING TO
PROF. DR. MED. JOCHEN WEIGT
ORIGINAL SIZE



SIMULATED ROTARY MOTION;
CORKSCREW PRINCIPLE

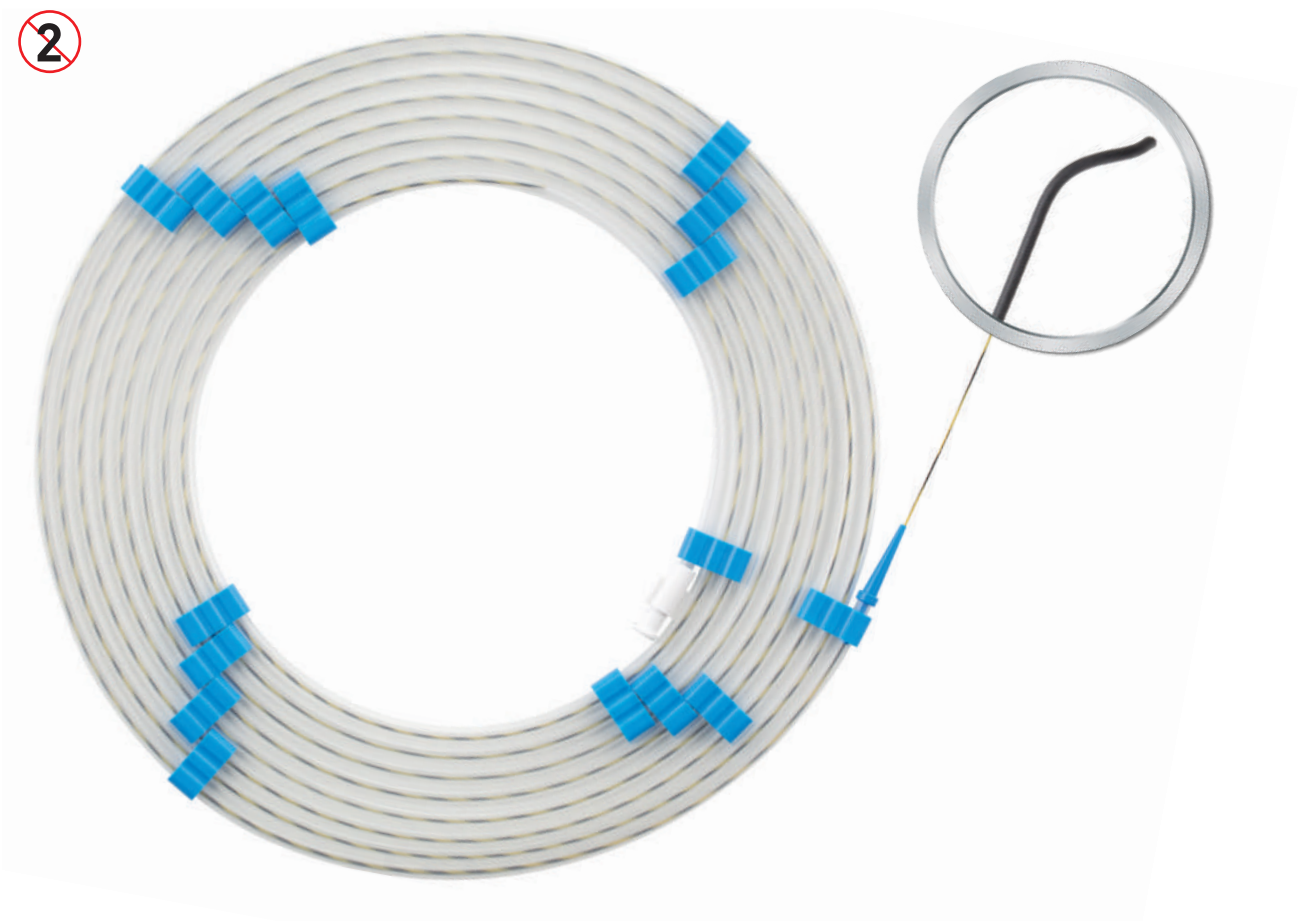
SMART-WIRE VIDEO CLIP SIMULATION
UNDER:



GUIDE WIRE, „SMART-WIRE“

according to Prof. Dr. med. Jochen Weigt

2

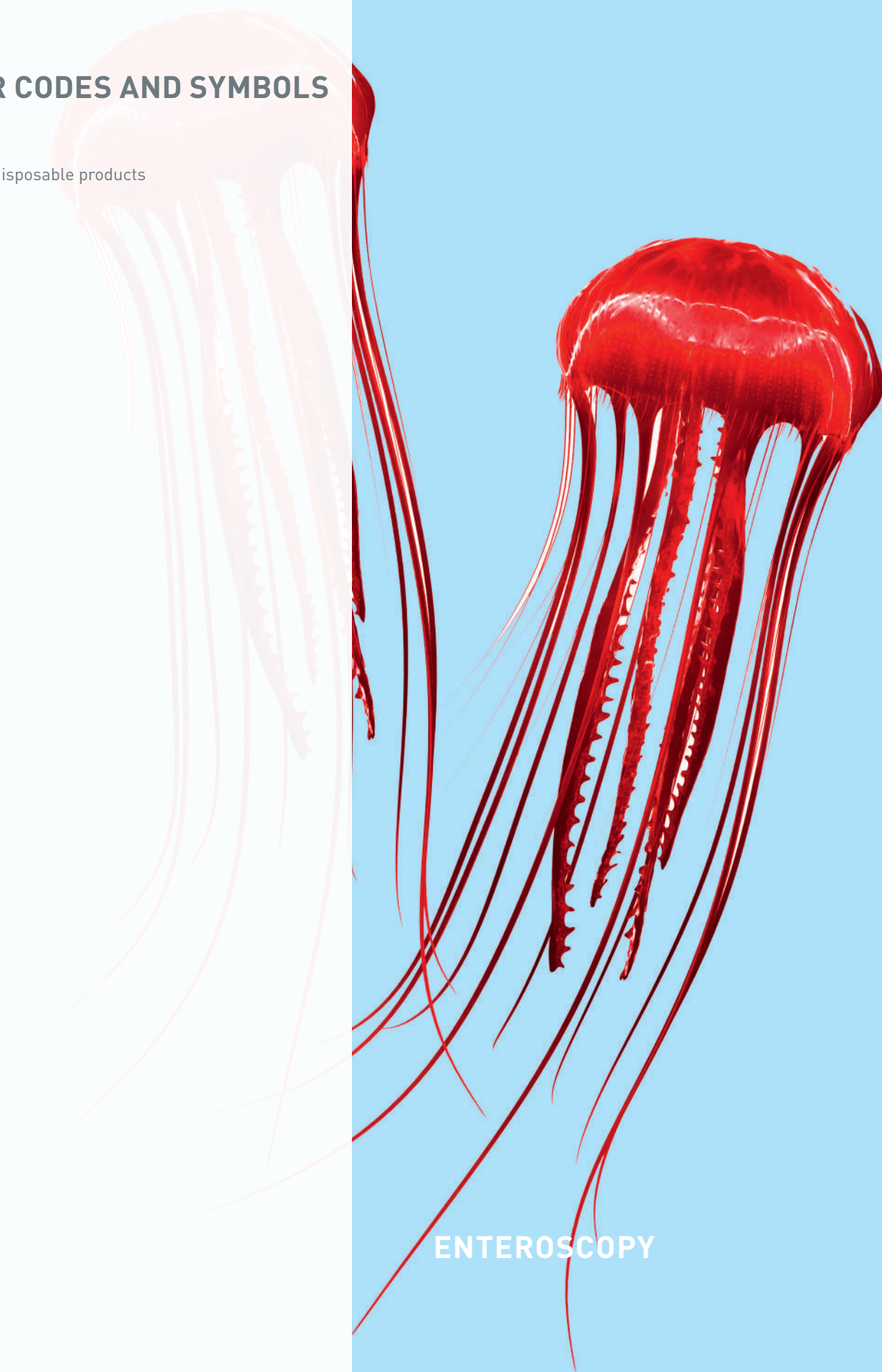


Order no.	Article no.	Guide wire tip	Color version coiled	Diameter inch	Length cm	PU
004546 x5	004546	3-D-angled	yellow-black	0.035	460	5

COLOUR CODES AND SYMBOLS



— Disposable products



ENTEROSCOPY

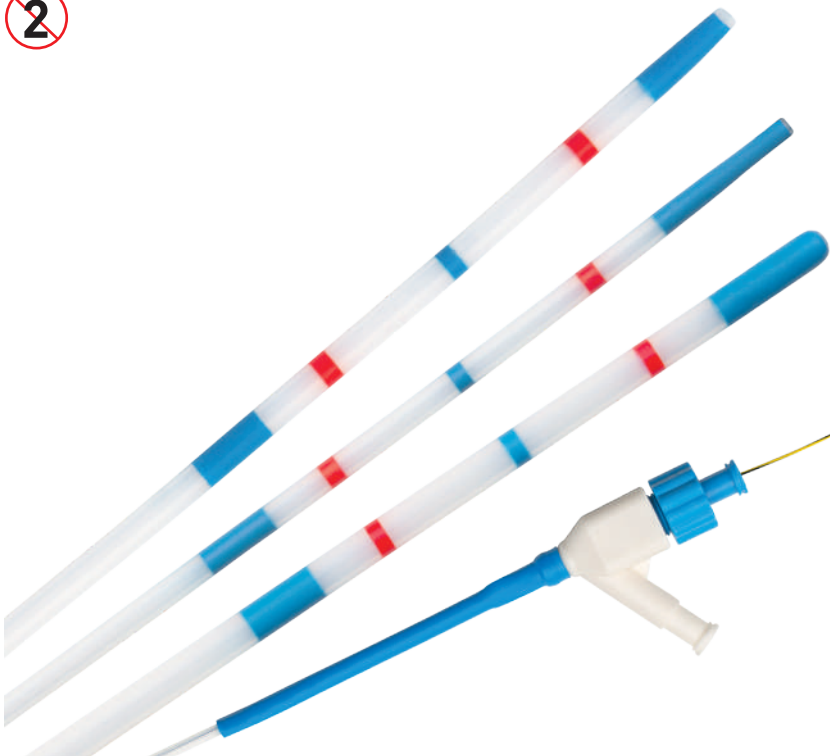
ENTEROSCOPY



ERCP-CATHETERS

tapered, partly with inside metal ring, radiopaque
guide wire lockable, integrated mandrin

2



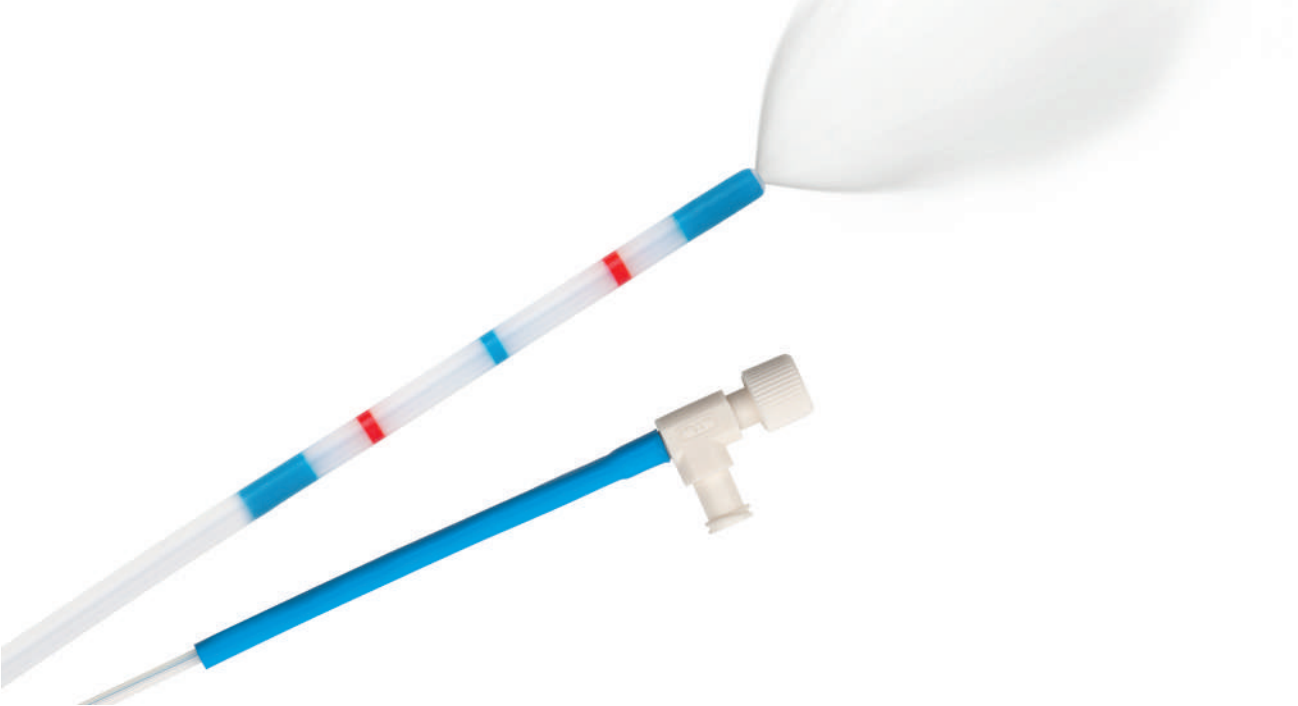
← with inside metal ring,
radiopaque

Order no.	Article no.	Catheter tip	Diameter mm	Length cm	Guide wire inch	PU
99130130701 x2	99130130701	conical	2,3 > 1,8	250	0.035	2
99130120211 x2	99130120211	filiform with inside metal ring	2,3 > 1,6	250	0.025	2
99130131110 x2	99130131110	standard with inside metal ring	2,3 > 1,8	250	0.035	2

SPRAY CATHETER

mandrin removable

2

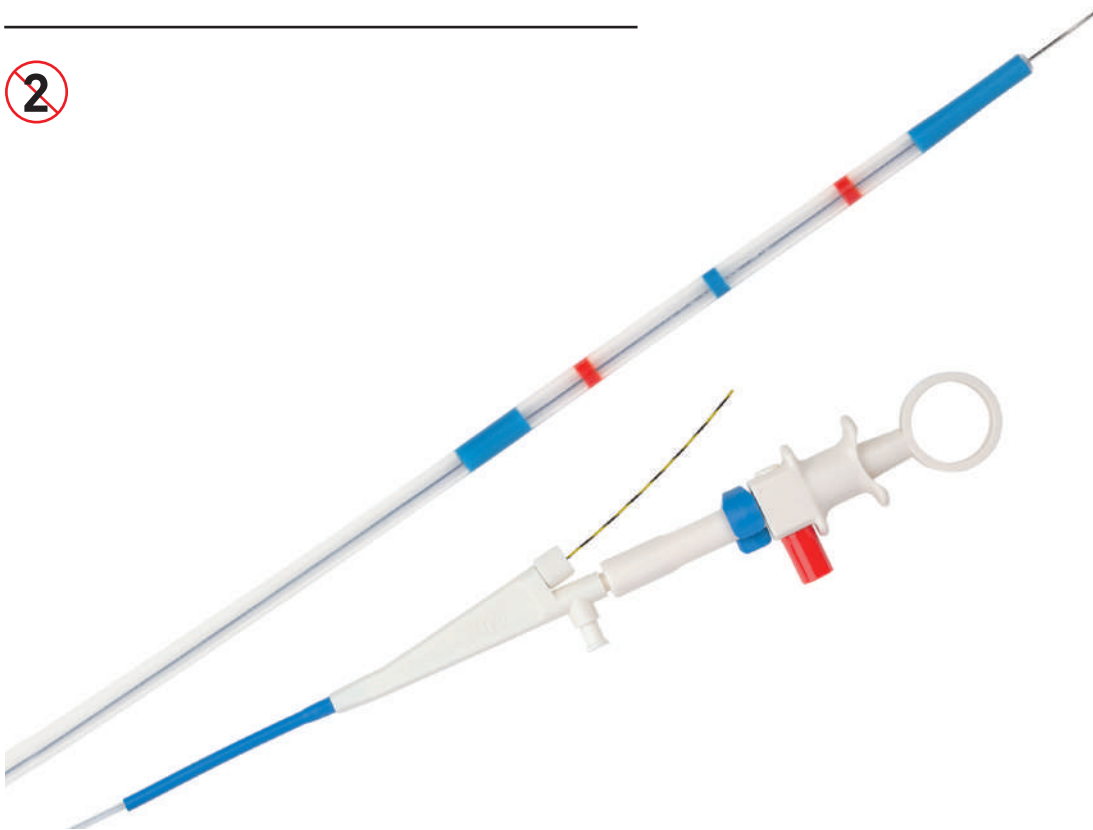


Order no.	Article no.	Diameter mm	Length cm	PU
99130101210 x2	99130101210	1,8	250	2
99130101310 x2	99130101310	2,3	250	2

PAPILLOTOME

Needle

2

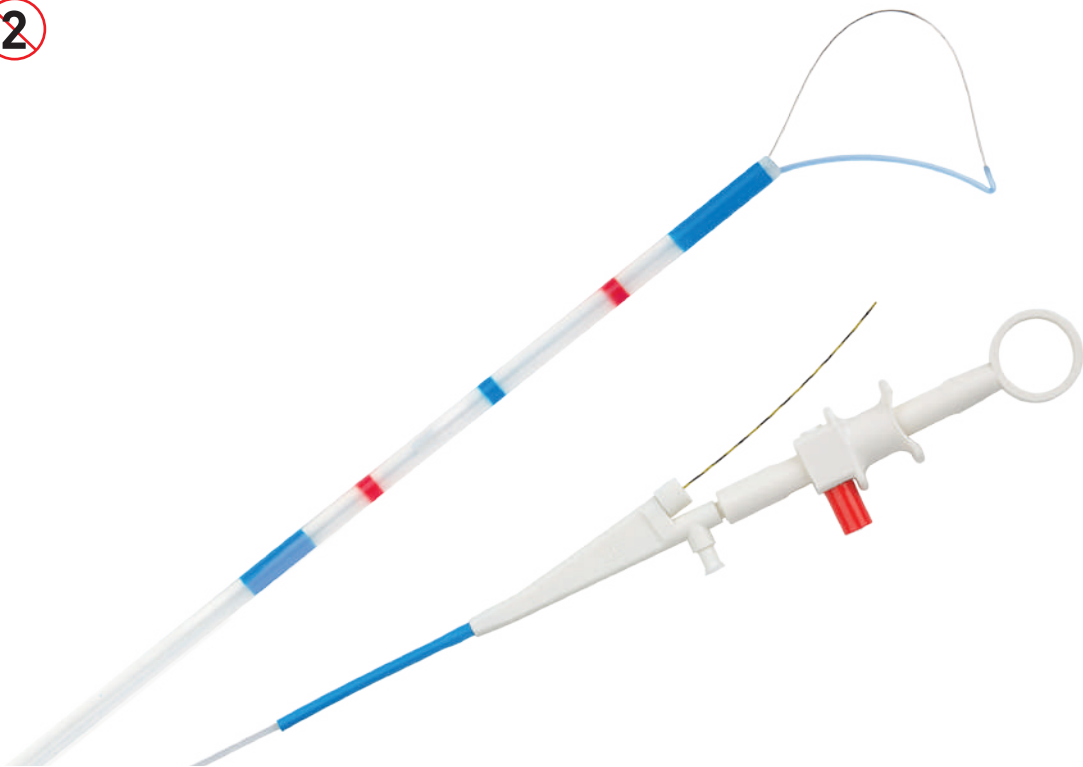


Order no.	Article no.	Cutting length mm	Diameter mm	Length cm	Guide wire inch	PU
9913023121	9913023121	6	2,3 > 1,8	250	0.035	1

PAPILLOTOME

for B-II stomach

2

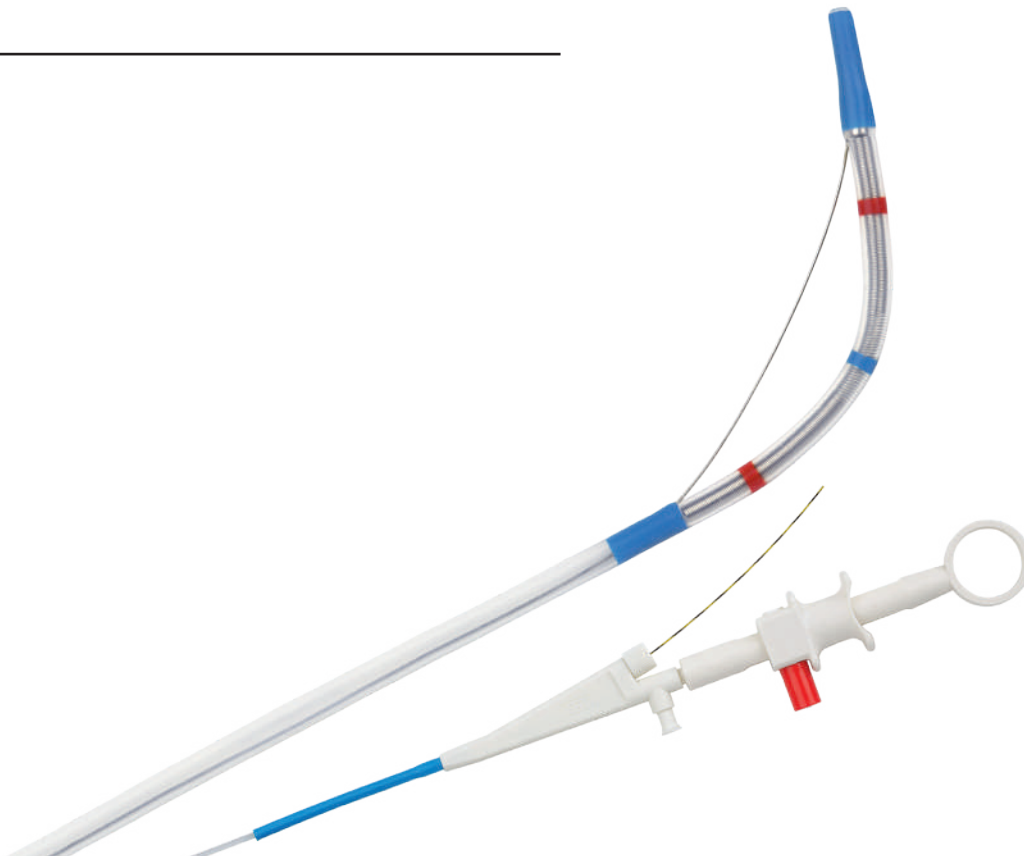


Order no.	Article no.	Maximum cutting arc mm	Diameter mm	Length cm	Guide wire inch	PU
9913023161	9913023161	20	2,3	250	0.035	1

PAPILLOTOME

filiform for guide wire

2

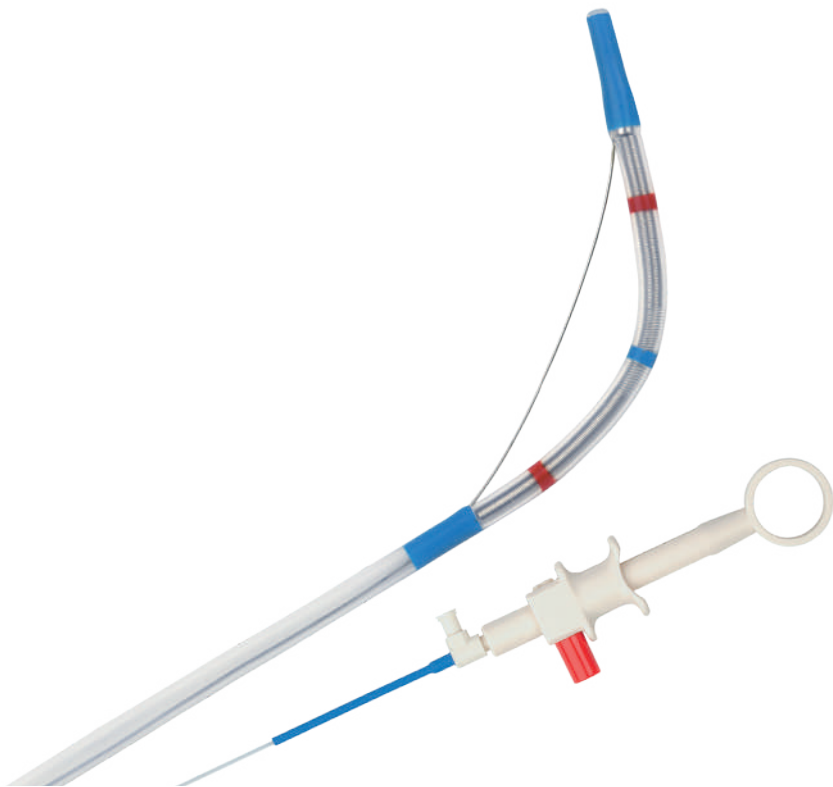


Order no.	Article no.	Special features	Spring reinforced	Guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
9913023051	9913023051	7 mm radiopaque tip	yes	0.035	30	2,3 > 1,8	250	1

PAPILLOTOME

filiform

2

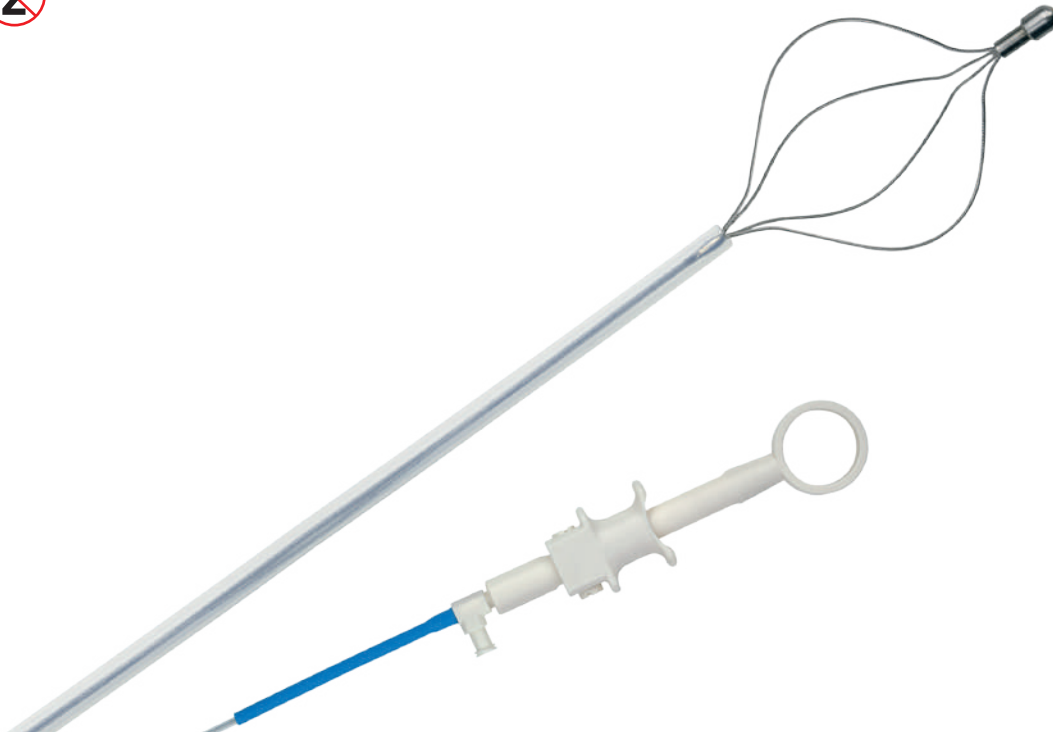


Order no.	Article no.	Special features	Cutting length mm	Diameter mm	Length cm	PU
9913020051	9913020051	7 mm radiopaque tip	30	1,6	250	1

LITHOTOMY BASKETS “EASY-CATCH”

4 wires, twisted, with nozzle for contrast medium

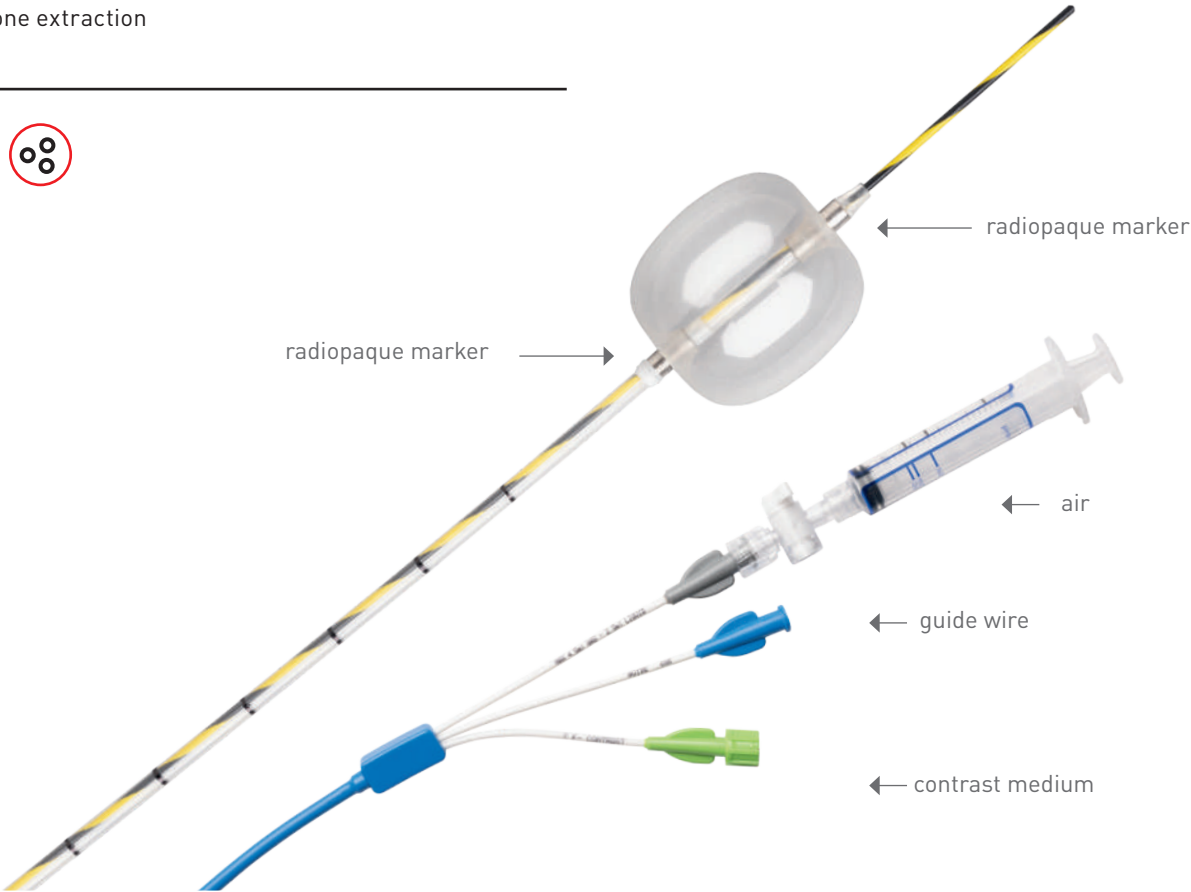
2



Order no.	Article no.	Basket dimensions expanded		Diameter mm	Length cm	PU
		Opening width mm	Opening length mm			
9913031024 x2	9913031024	20	30	1,8	250	2
9913031034 x2	9913031034	20	30	2,3	250	2
9913031036 x2	9913031036	30	45	2,3	250	2

BALLON CATHETERS

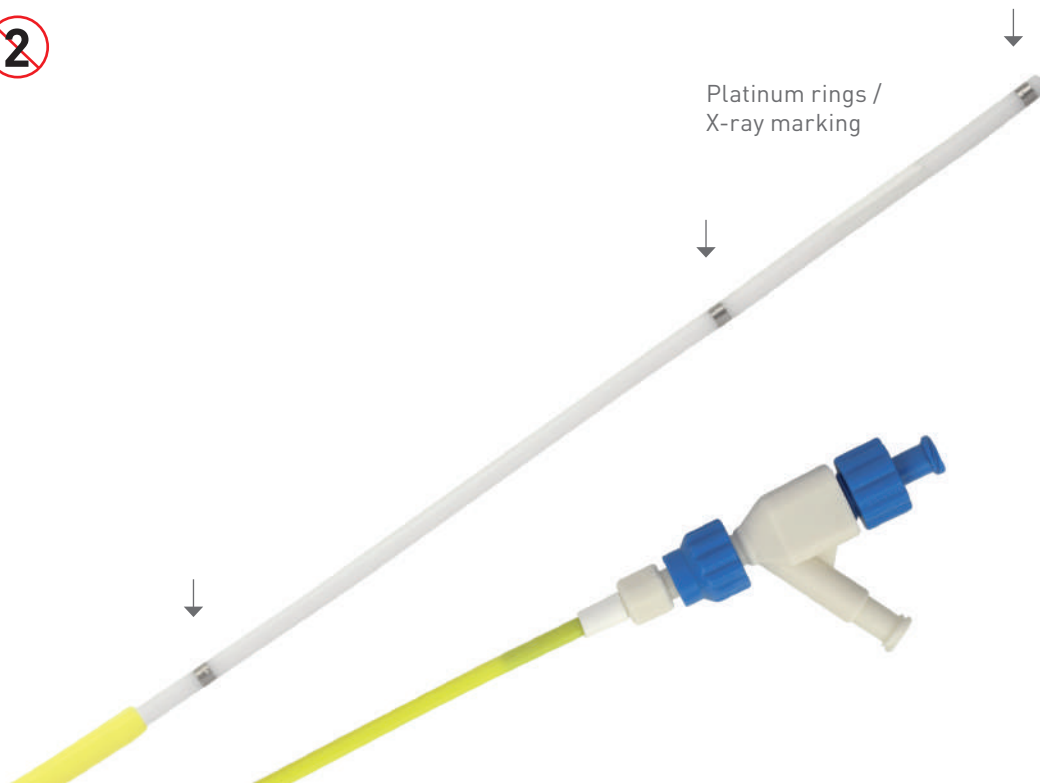
for stone extraction



Order no.	Article no.	Ballon diameter mm	Description	For guide wire inch	Diameter Ch.	Length cm	PU
1303267233T x2	1303267233T	16	triple-lumen, transparent catheter	0.035	7	250	2

INTRODUCER SYSTEM "JET-SET"

2

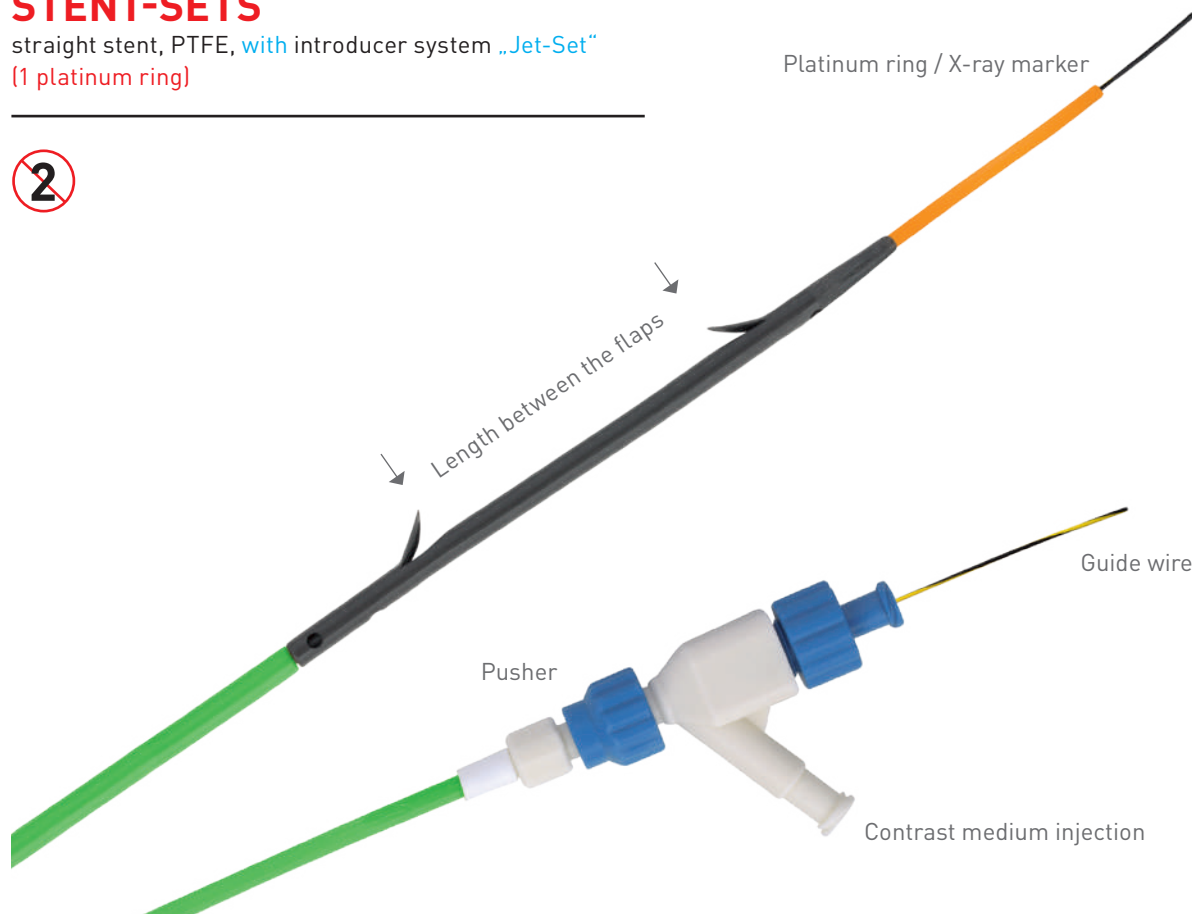


Order no.	Article no.	Diameter guiding catheter Ch.	Diameter for pusher Ch.	Total Length cm	Suitable for stents Ch.	Number of platinum rings	Suitable for guide wire inch	PU
0413818 x5	0413818	5	8,5	260	8,5	3	0.035	5

STENT-SETS

straight stent, PTFE, with introducer system „Jet-Set“
(1 platinum ring)

2



Order no. Ch.7	Article no.	Stent dimension			incl. introducer system "Jet-Set"		Suitable guide wire inch	Number of platinum rings	PU
		Length bet- ween the flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm			
0413701003 JS	0413701003 JS	30	50	7	7	260	0.035	1 *)	1
0413701005 JS	0413701005 JS	50	70	7	7	260	0.035	1 *)	1
0413701007 JS	0413701007 JS	70	90	7	7	260	0.035	1 *)	1
0413701010 JS	0413701010 JS	100	120	7	7	260	0.035	1 *)	1
0413701013 JS	0413701013 JS	130	150	7	7	260	0.035	1 *)	1

*) Guiding catheter with internal platinum ring

STENTS

straight

2



Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.5 PTFE			
0400501003	30	50	1
0400501005	50	70	1
0400501007	70	90	1
0400501010	100	120	1
0400501013	130	150	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.5 TPU			
0400501003W	30	50	1
0400501005W	50	70	1
0400501007W	70	90	1
0400501010W	100	120	1
0400501013W	130	150	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 PTFE			
0400701003	30	50	
0400701004	40	60	
0400701005	50	70	
0400701006	60	80	
0400701007	70	90	
0400701008	80	100	
0400701009	90	110	
0400701010	100	120	
0400701011	110	130	
0400701012	120	140	
0400701013	130	150	
0400701014	140	160	
0400701015	150	170	
0400701016	160	180	
0400701017	170	190	
0400701018	180	200	

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.7 TPU			
0400701003W	30	50	1
0400701004W	40	60	1
0400701005W	50	70	1
0400701006W	60	80	1
0400701007W	70	90	1
0400701008W	80	100	1
0400701009W	90	110	1
0400701010W	100	120	1
0400701011W	110	130	1
0400701012W	120	140	1
0400701013W	130	150	1
0400701014W	140	160	1
0400701015W	150	170	1
0400701016W	160	180	1
0400701017W	170	190	1
0400701018W	180	200	1

STENTS

straight

2



PTFE

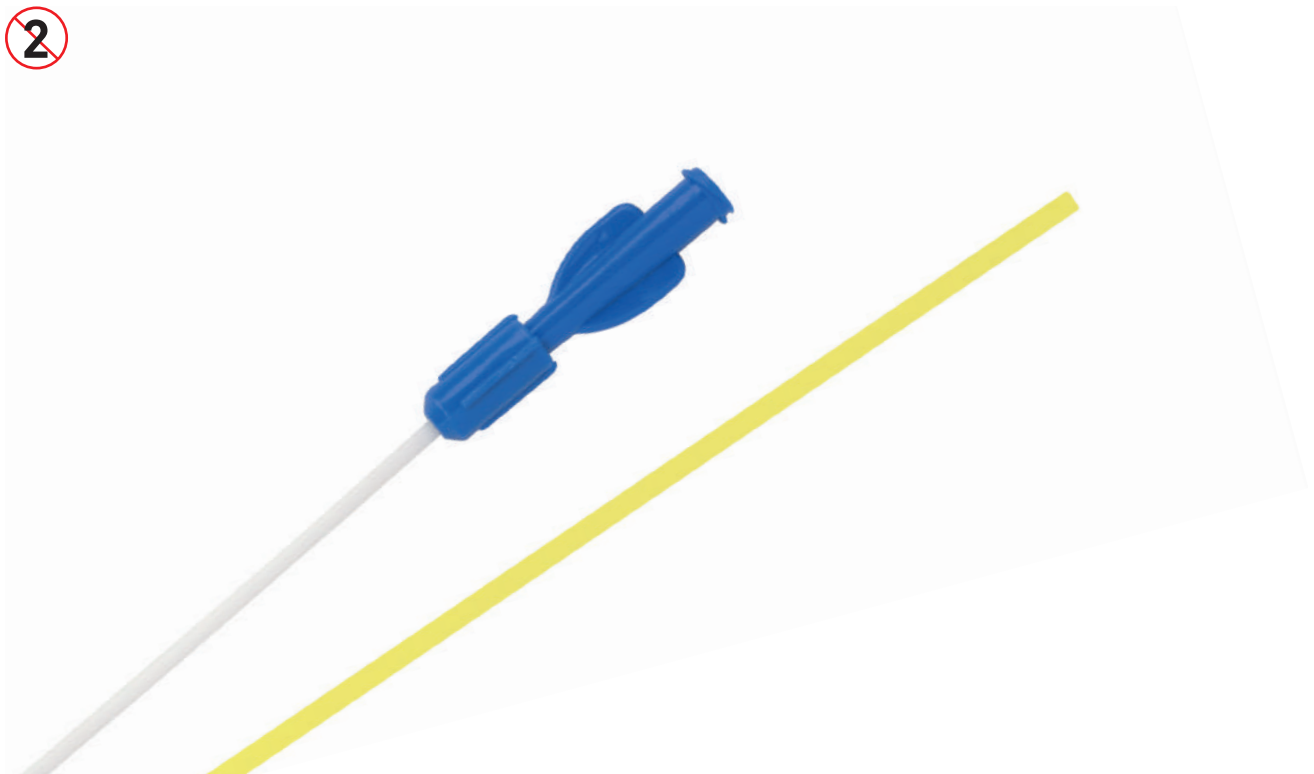
TPU

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 PTFE			
0400801003	30	50	1
0400801004	40	60	1
0400801005	50	70	1
0400801006	60	80	1
0400801007	70	90	1
0400801008	80	100	1
0400801009	90	110	1
0400801010	100	120	1
0400801011	110	130	1
0400801012	120	140	1
0400801013	130	150	1
0400801014	140	160	1
0400801015	150	170	1
0400801016	160	180	1
0400801017	170	190	1
0400801018	180	200	1

Order no. Article no.	Stent dimension		PU
	Length between flaps mm	Total length mm	
Ch.8,5 TPU			
0400801003W	30	50	1
0400801004W	40	60	1
0400801005W	50	70	1
0400801006W	60	80	1
0400801007W	70	90	1
0400801008W	80	100	1
0400801009W	90	110	1
0400801010W	100	120	1
0400801011W	110	130	1
0400801012W	120	140	1
0400801013W	130	150	1
0400801014W	140	160	1
0400801015W	150	170	1
0400801016W	160	180	1
0400801017W	170	190	1
0400801018W	180	200	1

PUSHERS

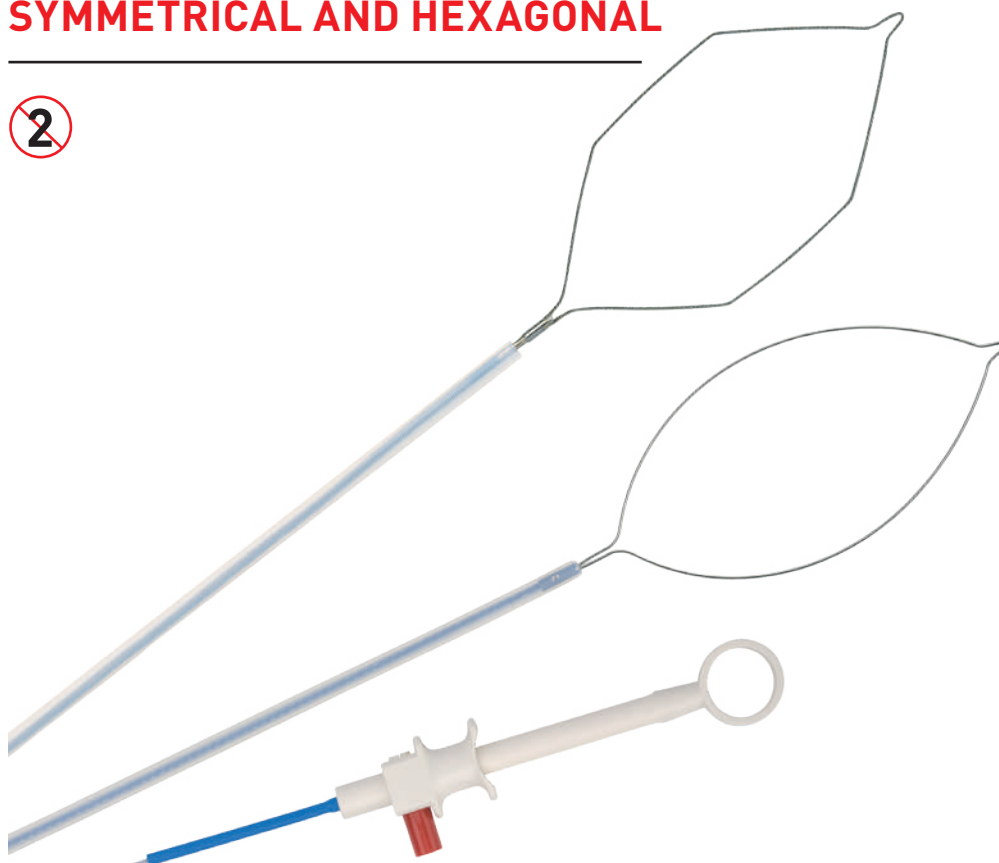
2



Order no.	Article no.	Diameter Ch.	Total length cm	Suitable for guiding catheter Ch.	Suitable for stents Ch.	Suitable for guide wire inch	PU
0413517 x5	0413517	5	250	---	5	0.035	5
0413717 x5	0413717	7	250	---	7	0.035	5

POLYPECTOMY SNARES, SYMMETRICAL AND HEXAGONAL

2



Order no.	Article no.	Shape	Opening range width x height mm	Type of snare wire	Diameter mm	Length cm	PU
99054011122 x5	99054011122	symmetrical	20x40	twisted	1,8	250	5
99054011212 x5	99054011212	symmetrical	20x40	twisted	2,3	250	5
99054011132 x5	99054011132	symmetrical	30x55	twisted	1,8	250	5
99054011232 x5	99054011232	symmetrical	30x55	twisted	2,3	250	5
99054011235 x5	99054011235	symmetrical	25x50	monofil	2,3	250	5
99054011114 x10	99054011114	hexagonal	15 x 30	twisted	1,8	250	10

INJECTION NEEDLES

Click locking, precise working

2



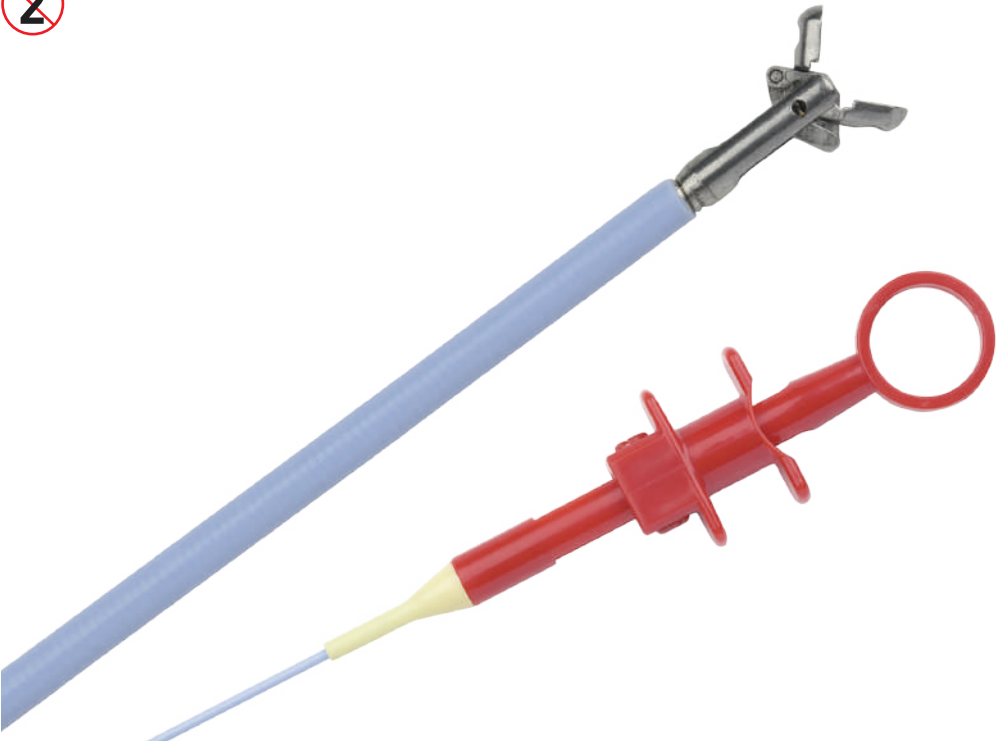
← Metal guide tube
prevents lateral
perforation

Order no.	Article no.	Cannula diameter mm	Needle length mm	Guiding tip metal	Diameter mm	Length cm	PU
0910728111 x10	0910728111	0,7	5	-	1,75	280	10
0910728212 x10	0910728212	0,7	5	•	2,35	280	10

BIOPSY FORCEPS

oval spoonshaped mouth,fenestrated, **covered**

2



Order no.	Article no.	Diameter mm	Length cm	PU
99063502806 x100	99063502806	2,3	250	100

CLEANING BRUSHES, ONE-SIDED

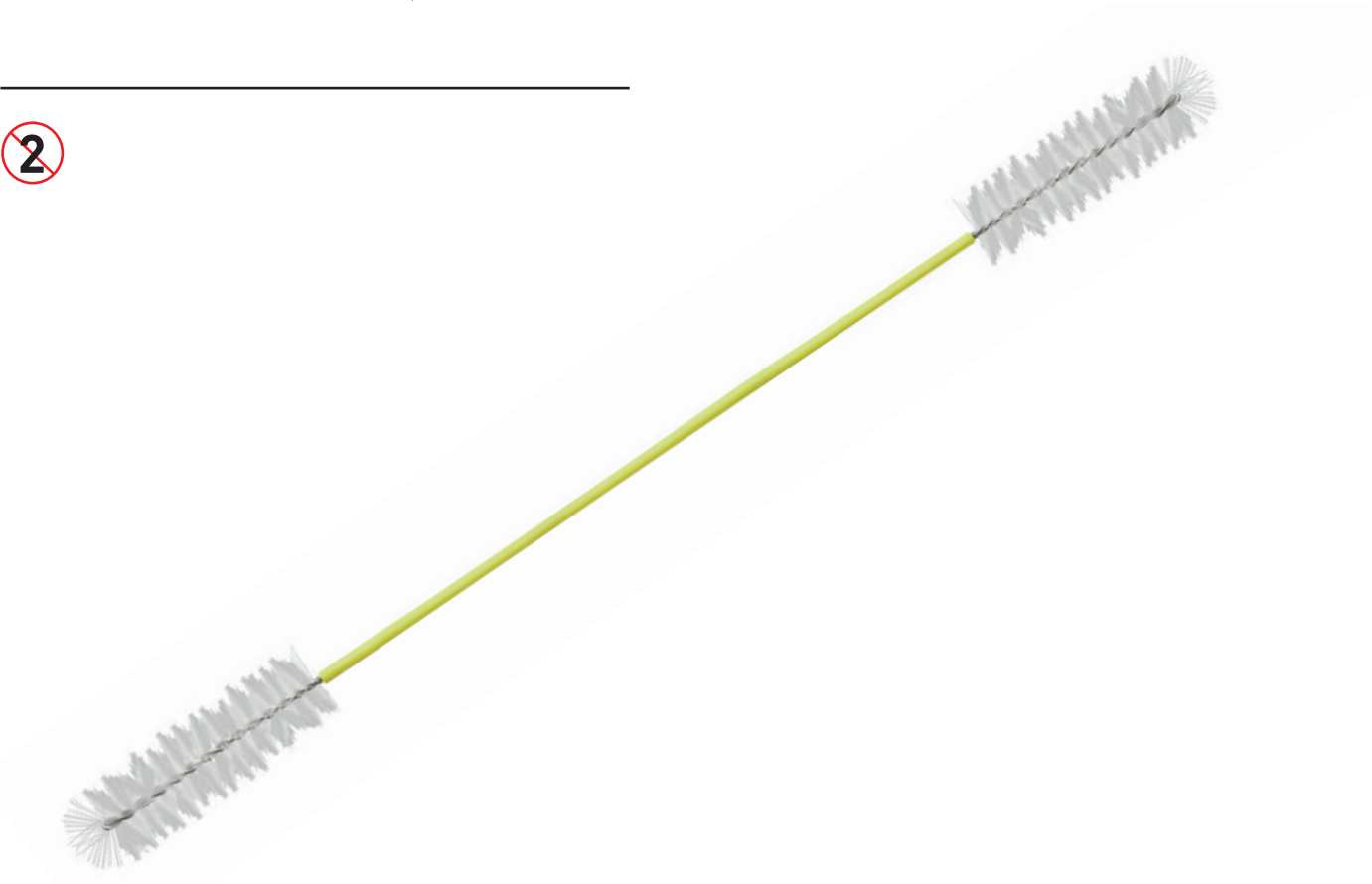
2



Order no.	Article no.	Diameter brush mm	Working channel mm	Diameter mm	Length cm	PU
0843350 x50	0843350	3,0	1,8	1,6	280	50

CLEANING BRUSHES, DOUBLE-SIDED

2

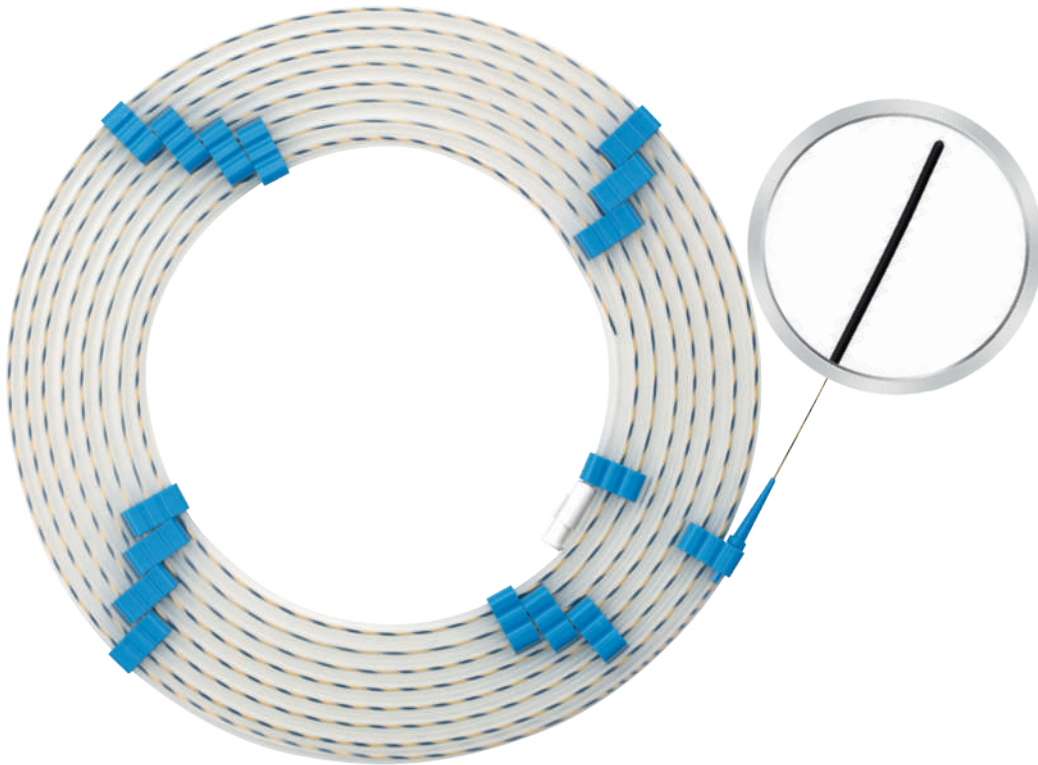


Order no.	Article no.	Diameter brush mm	Working channel mm	Diameter mm	Length cm	PU
0845352 x50	0845352	5,0	2,8	1,8	280	50

GUIDE WIRES "SNAP-TIP"

kink resistant, Nitinol

2



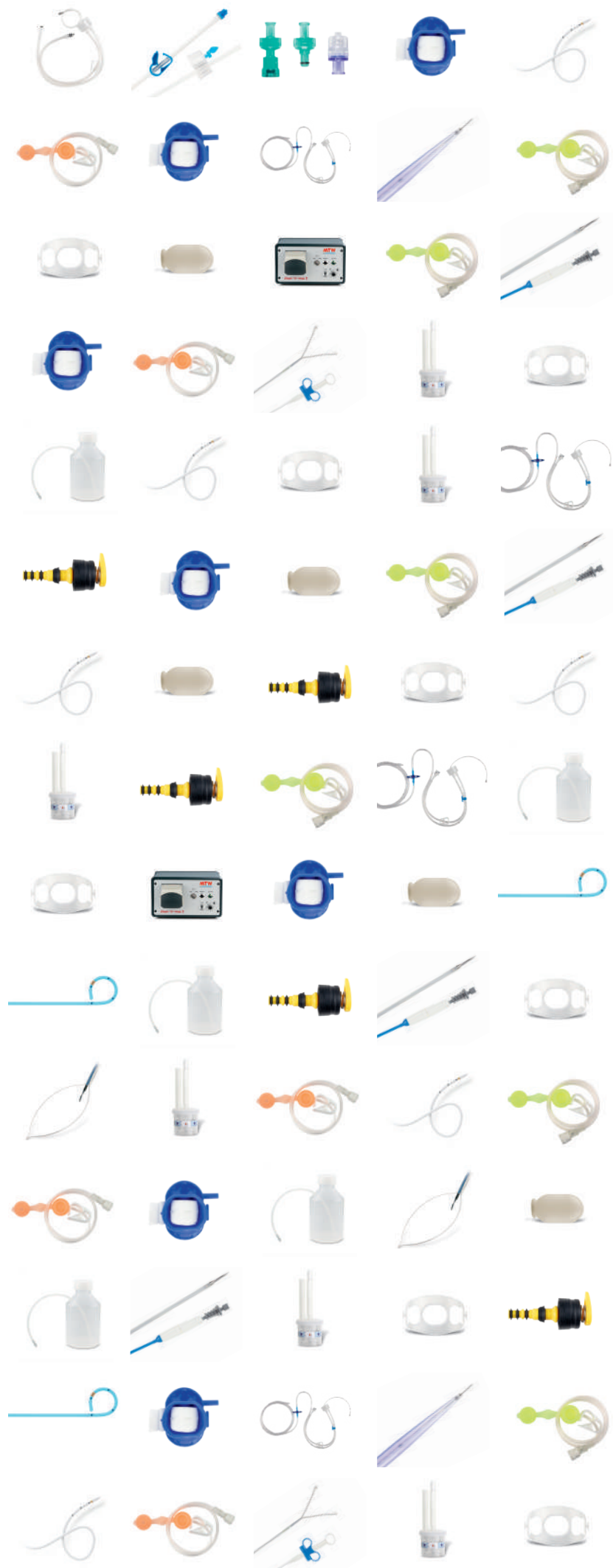
Order no.	Article no.	Guide wire tip	Diameter inch	Length cm	PU
002955	002955	straight, "Snap-Tip"	0.025	550	1
003955	003955	straight, "Snap-Tip"	0.035	550	1

COLOUR CODES AND SYMBOLS



— Disposable products

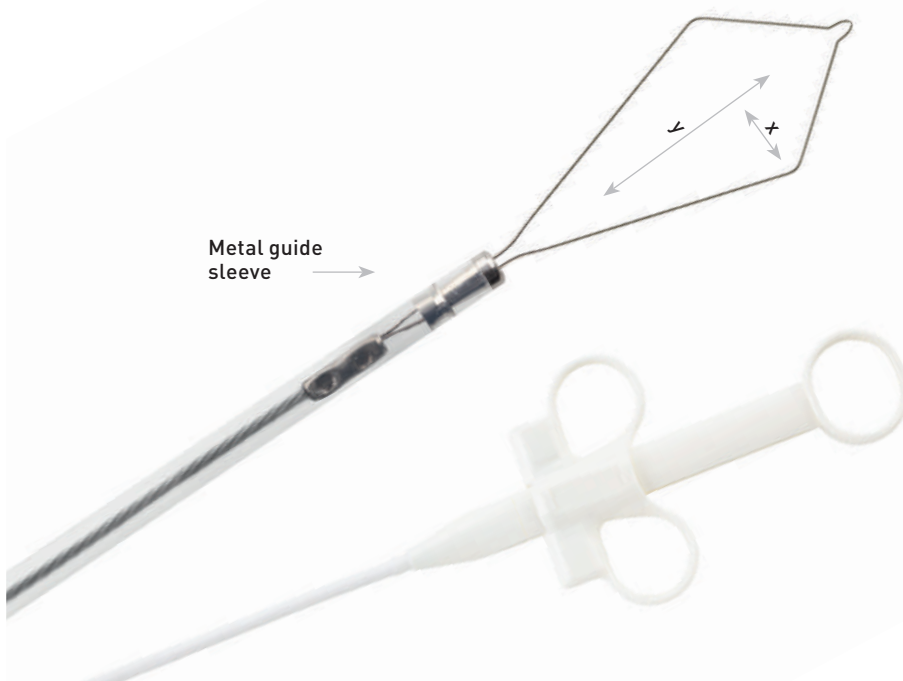
BASICS



POLYPECTOMY SNARE FOR COLD ABLATION

diamond shape, monofil wire, without HF Port

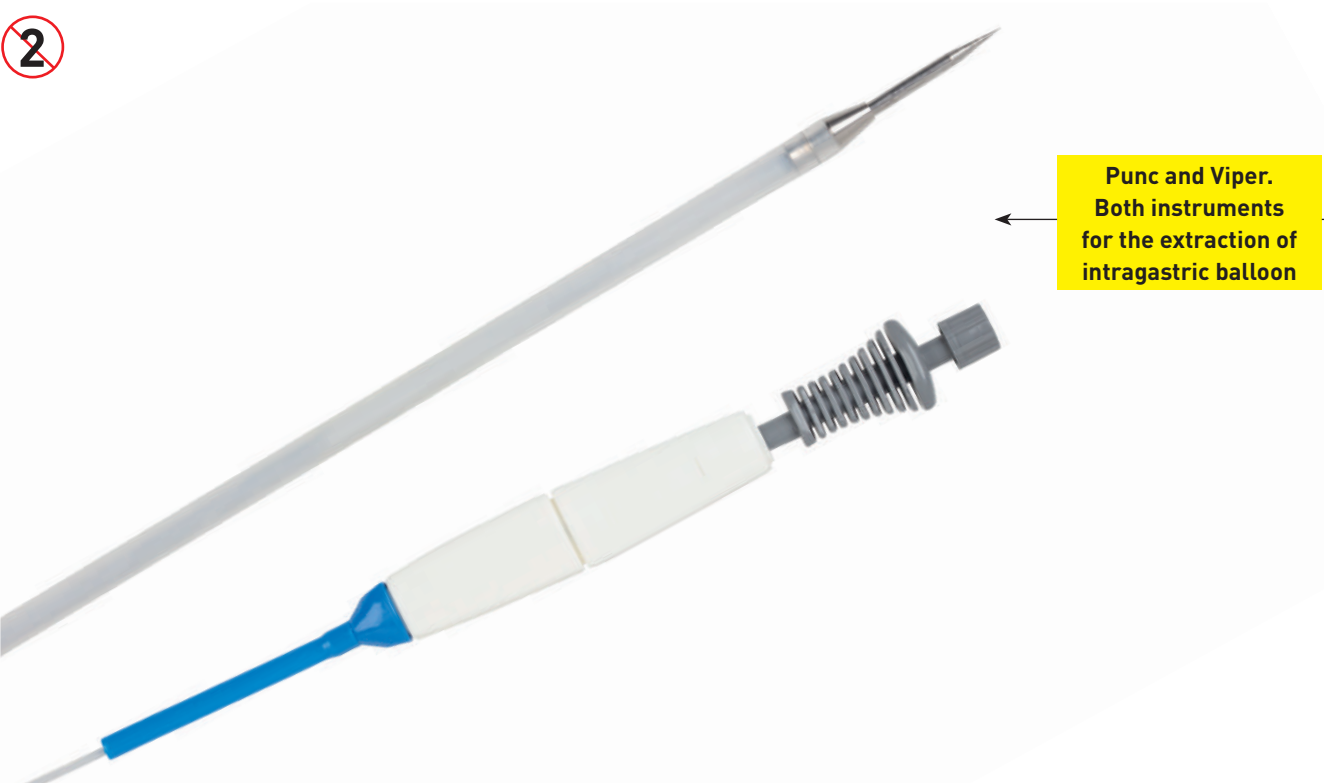
2



Order no.	Article no.	x mm	y mm	Wire	Diameter mm	Length cm	PU
AS4372523 x5	AS4372523	10	25	monofil	2,3	230	5

DEFLATION NEEDLE

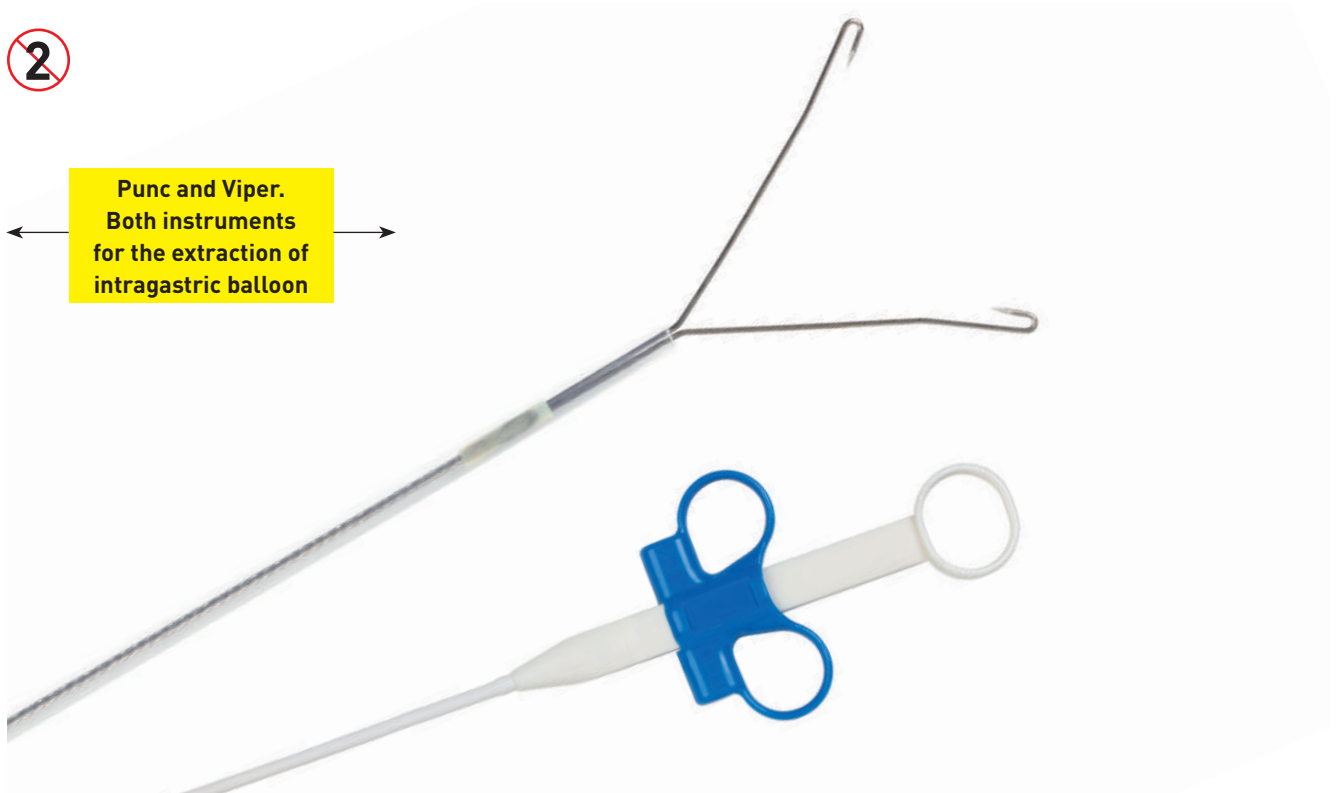
Punc



Order no.	Article no.	Cannula mm	Diameter mm	Length cm	PU
AS2640718 x5	AS2640718	1	2,35	180	5

FOREIGN BODY REMOVING FORCEPS, EXTRACTION FORCEPS

Viper



Order no.	Article no.	pincers	Diameter mm	Length cm	PU
AS2290718 x5	AS2290718	2	2,3	180	5

NASOBILIARY DRAINAGE CATHETER-SET

LL-connector, connecting tube, with funnel and three way stopcock length 150 cm, nasal tube length 50 cm



Order no. Article no.	Number of side holes	Diameter Ch.	Length cm	PU
0400553400	8	5.0	250	1
0400753400	8	7.0	250	1

NASOBILIARY DRAINAGE CATHETER-SET

LL-connector, connecting tube, with funnel and three way stopcock length 150 cm, nasal tube length 50 cm



Order no. Article no.	Number of side holes	Diameter Ch.	Length cm	PU
0400756400	18	7.0	250	1

NASOBILIARY DRAINAGE CATHETER-SET

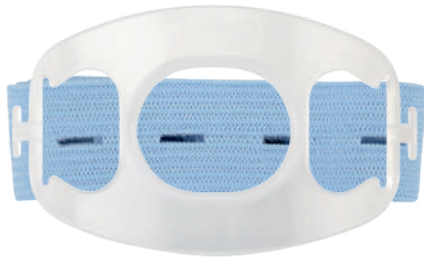
LL-connector, connecting tube with funnel and three way stopcock length 150 cm, nasal tube length 50 cm



Order no. Article no.	Number of side holes	Diameter Ch.	Length cm	PU
0400555400	7	5.0	250	1
0400755400	7	7.0	250	1
0401055400	7	10.0	250	1

BITE BLOCK

latex free



1001776
Ø 21,8 mm
Bite block, **with headstrap**



1001773
Ø 21,8 mm
Bite block, **with headstrap**



1001777
Ø 15 mm
Bite block, **with headstrap**



CKD-C1
Ø 22 mm
Bite block, **with headstrap**

Order no.	Article no.	Beschreibung	PU
CKD-C1 x50	CKD-C1	Bite bloc with Oxygene- insufflation , with headstrap	50
1001773 x100	1001773	Bite block, with headstrap , latex free	100
1001775 x100	1001775	Headstrap, textile-rubber latex free	100
1001776 x100	1001776	Bite block small, with headstrap, latex free	100
1001777 x20	1001777	Bite block for children, with headstrap, latex free	20

ESOPHAGEAL BOUGIE

atraumatic tip, latex-free (plastic polyvinyl fluoride, PVF)

Order no.	Article no.	Diameter mm	Length cm	PU
99120585	99120585	5	85	1
99120685	99120685	6	85	1
99120785	99120785	7	85	1
99120885	99120885	8	85	1
99120985	99120985	9	85	1
99121085	99121085	10	85	1
99121185	99121185	11	85	1
99121285	99121285	12	85	1
99121385	99121385	13	85	1
99121485	99121485	14	85	1
99121585	99121585	15	85	1
99121685	99121685	16	85	1
99121785	99121785	17	85	1
99121885	99121885	18	85	1
99121985	99121985	19	85	1
99122085	99122085	20	85	1

RECOMMENDED GUIDE WIRES

Order no.	Article no.	Description	Diameter mm	Length cm	PU
0088215 x5	0088215	Guide wire with flexible stainless steel spring	0.070/0.035	215	5
0088350 x5	0088350	Guide wire with flexible stainless steel spring	0.070/0.035	350	5
004126 x5	004126	Guide wire with flexible tip, for self expanding Esophagus-Stents and Esophagus-Bougies, extra stiff	0.035	260	5



CLEANING ADAPTER

Air-water channel



Order no.	Article no.	Description	PU
CAW-001 x100	CAW-001	for Olympus endoscope series	100

WATER JET CONNECTOR

Air-water channel



Order no.	Article no.	Description	PU
WJC-241 x100	WJC-241	for Olympus endoscope series	100

WATER JET CONNECTOR

Air-water channel



Order no.	Article no.	Description	PU
WJC-261 x100	WJC-261	for Pentax endoscope series 90	100



ENDOSCOPE VALVES SYSTEM

5 parts: Biopsy Valve, Air/Water Valve, Suction Valve, **Water Jet Connector**, Cleaning Adapter Air-Water-Channel



Order no.	Article no.	for Olympus endoscope series	PU
CVK-007 x200	CVK-007	140/160/180/190/ 240/260/290	200

ENDOSCOPE VALVES SYSTEM

4 parts: Biopsy Valve, Air/Water Valve, Suction Valve, **Water Jet Connector**



Order no.	Article no.	for Olympus endoscope series	PU
CVK-006 x200	CVK-006	140/160/180/190/ 240/260/290	200

ENDOSCOPE VALVES SYSTEM

3 parts: Biopsy Valve, Air/Water Valve, Suction Valve



Order no.	Article no.	for Fujifilm endoscope series	PU
CVK-004 x200	CVK-004	700	200

ENDOSCOPE VALVES SYSTEM

4 parts: Biopsy Valve, Air/Water Valve, Suction Valve, **Water Jet Connector**



Order no.	Article no.	for Fujifilm endoscope series	PU
CVK-003 x200	CVK-003	700	200

ENDOSCOPE VALVES SYSTEM

3 parts: Biopsy Valve, Air/Water Valve, Suction Valve



Order no.	Article no.	for Olympus endoscope series	PU
CVK-002 x200	CVK-002	140/160/180/190/ 240/260/290	200

ENDOSCOPE VALVES SYSTEM

4 parts: Biopsy Valve, Air/Water Valve, Suction Valve,
Water Jet Connector



Order no.	Article no.	for Olympus endoscope series	PU
CVK-001 x200	CVK-001	140/160/180/190/ 240/260/290	200

ENDOSCOPE VALVES SYSTEM

3 parts: Biopsy Valve, Air/Water Valve, Suction Valve



Order no.	Article no.	for Olympus endoscope series	PU
10911 x200	10911	140/160/180/190/ 240/260	200

ENDOSCOPE VALVES SYSTEM

3 parts: Biopsy Valve, Air/Water Valve, Suction Valve



Order no.	Article no.	for Pentax endoscope series	PU
10912 x200	10912	Serie i 10/90	200

ENDOSCOPE VALVES SYSTEM

3 parts: Biopsy Valve, Air/Water Valve, Suction Valve



Order no.	Article no.	Description	PU
10913 x200	10913	for Fujifilm Endoscope Series 700	200

BIOPSY VALVE

with lateral rinsing adapter



Order no.	Article no.	Description	PU
10821 x50	10821	instrument channel type Olympus and Fujifilm	50

BIOPSY VALVE

with lateral rinsing adapter



Order no.	Article no.	Description	PU
10822 x50	10822	instrument channel type Pentax	50

FOREIGN BODY PROTECTOR HOOD



Order no.	Article no.	Description	PU
1002007 x10	1002007	Latex	10

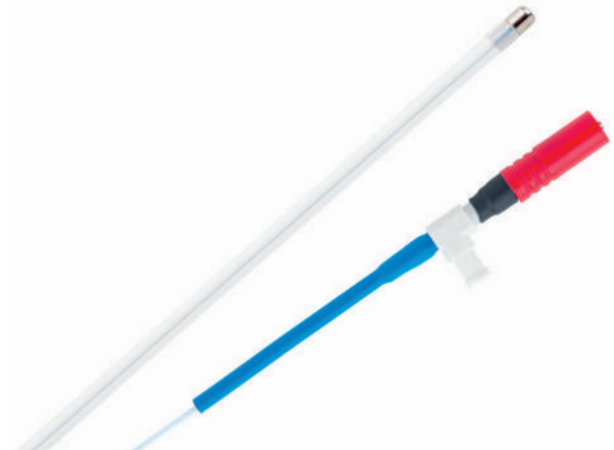
ANTIFOAMING NEEDLE / SAB-NEEDLE



Order no.	Article no.	Diameter mm	Length cm	PU
100604 x10	100604	2,2	50	10

COAGULATION PROBE

with nozzle for sucking off



Order no.	Article no.	Diameter mm	Length cm	PU
991025052 x2	991025052	2,3	215	2

BIOPSY VALVE

latexfree

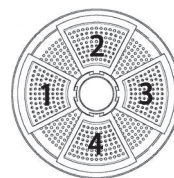


Order no.	Article no.	Description	PU
10901 x50	10901	for Olympus - and Fujifilm -endoscopes	50
10902 x50	10902	for Pentax -endoscopes *	50

* Not illustrated

SUCTION POLYP TRAP

Easy Transport System, 4 compartments



4 compartments



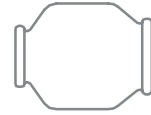
Order no.	Article no.	PU
CPT-04 x 25	CPT-04	25

1



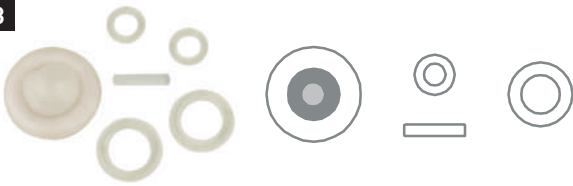
Article no. 10701
Model Olympus, 2 openings, small

2



Article no. 10702
Model Olympus, 2 openings, large

3



Article no. 10703
Model Pentax, 1 opening

4



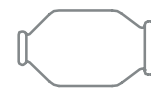
Article no. 10704
Model Olympus, 1 opening

5



Article no. 10705
Model Pentax, 2 openings

6



Article no. 10706
Model Olympus Serie 160, 2 openings

7



Article no. 10707
Model Fujifilm, 1 opening

8



Article no. 10708
Model Fujifilm, 2 openings

9

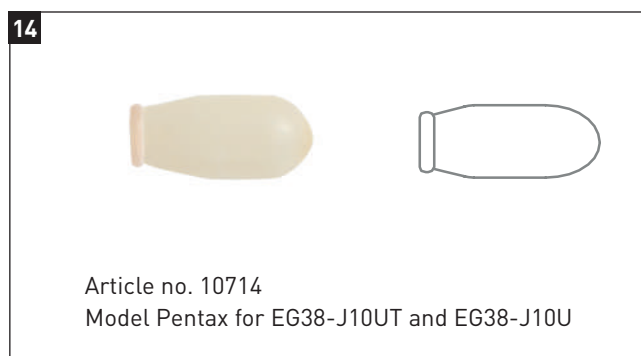
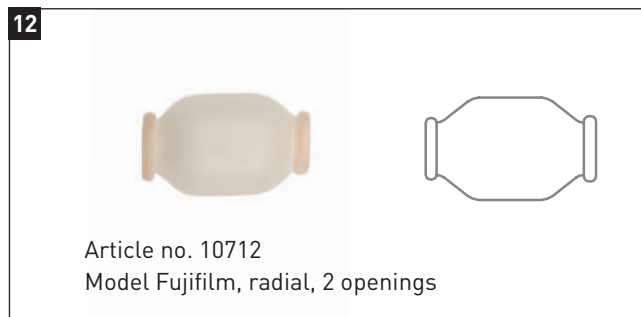
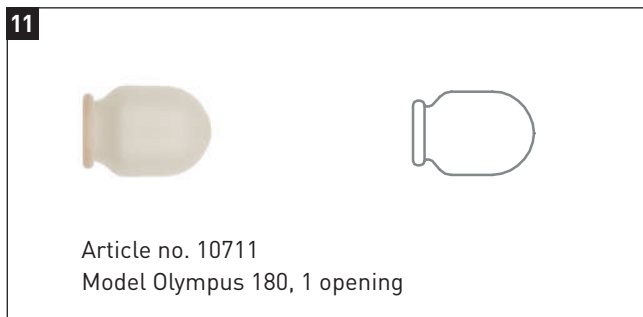


Article no. 10709
Model Olympus, 2 openings

10



Article no. 10710
Model Pentax 3270, 2 openings



ECHO-HOODS

Balloons for echo endoscopy

Images in original size

Order no.	Article no.	Description	Special features	Image	PU
10701 x20	10701	Model Olympus, 2 openings, small	for echo-duodenoscope	1	20
10702 x20	10702	Model Olympus, 2 openings, large	for echo-coloscope	2	20
10703 x20	10703	Model Pentax, 1 opening	for echo-duodenoscope	3	20
10704 x20	10704	Model Olympus, 1 opening	for echo-duodenoscope	4	20
10705 x20	10705	Model Pentax, 2 openings	for echo-duodenoscope	5	20
10706 x20	10706	Model Olympus series 160, 2 openings		6	20
10707 x20	10707	Model Fujifilm, 1 opening		7	20
10708 x20	10708	Model Fujifilm, 2 openings		8	20
10709 x20	10709	Model Olympus, 2 openings	for echo-bronchoscope	9	20
10710 x20	10710	Model Pentax 3270, 2 openings	for echo-duodenoscope	10	20
10711 x20	10711	Model Olympus 180	for echo-duodenoscope	11	20
10712 x20	10712	Model Fujifilm, radial, 2 openings		12	20
10713 x20	10713	Model Fujifilm, convex, 1 opening		13	20
10714 x20	10714*	Model Pentax	for EG38-J10UT and EG38-J10U	14	20

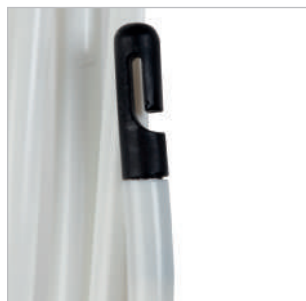
* available shortly



Handle with winding drum



Ligator cartridge



Pull catheter



Irrigation needle

The Multi Band Ligator for endoscopic ligation of esophageal varices consists of:

- Barrel cylinder out of ultra clear polycarbonate with high quality elastic ligation bands
- Handel with winding drum enabling smooth movement for reliable band deployment
- Available in three versions
- Pull catheter
- Irrigation needle

MULTI BAND LIGATOR

with 4, 6 or 7 ligation bands for endoscopic ligation of esophageal varices

Order no.	Article no.	Description	Consists of:	PU
ZBL18-4A x5	ZBL18-4A	Multi Band Ligator	Barrel with 4 bands for endoscope Ø 8,6 ~ 13,0 mm	5
ZBL18-6A x5	ZBL18-6A	Multi Band Ligator	Barrel with 6 bands for endoscope Ø 8,6 ~ 13,0 mm	5
ZBL18-7A x5	ZBL18-7A	Multi Band Ligator	Barrel with 7 bands for endoscope Ø 8,6 ~ 13,0 mm	5

Multi Band Ligator

with 4, 6 or 7 ligation bands for endoscopic ligation of esophageal varices



RINSING APPARATUS CLEAN-“O“-MAX 3

complete with pump unit, foot switch and power supply unit

Two basic settings of the flow:

“Low” for the jet-channel or for small working channel diameter and “High” for the working channel of flexible endoscopes. Both basic settings can be finely adjusted to regulate the quantity.
Selective insertion of rising liquids, for example intestinal lavages wash away bleeding and clots or debris in the intestinal tract, to restore visibility.

When using the instrument / rinsing adapter (available as an accessory) and with channel tubes of suitable sizes, it is also possible to rinse the instrument at the same time. Achievement of individual hygiene standards can be aligned with reusable and disposable accessories and spare parts.



Order no. Article no.	Description	PU
10015	complete with pump unit, foot switch and power supply unit	1
801000SP	Bottle holder for 2 litre bottle	1
802000SP	Bottle holder for 1 litre bottle	1
803000SP	Bottle holder for 2 x 1 litre bottle	1

ENDOSCOPY RINSING SYSTEM ES 100

für rinsing apparatus clean-“o”-max 2+3



Order no	Article no.	with check valve	PU
140459 x30	140459	•	30
140491 x40	140491		40

IRRIGATION TUBE FOR IRRIGATION UNITS

e.g. for rinsing apparatus clean-“o”-max 2 + 3



Order no	Article no.	Description	PU
CIT-005C x80	CIT-005C	for Olympus OFP u. OFP2 irrigation units	80

RINSING ADAPTER

for Olympus with valve cal



Order no.	PU
Article no.	
1001005	1

SPARE GASKETS

for rinsing adapter Olympus



Order no.	PU
Article no.	
1001015	Bag with 20 gaskets

RINSING ADAPTER

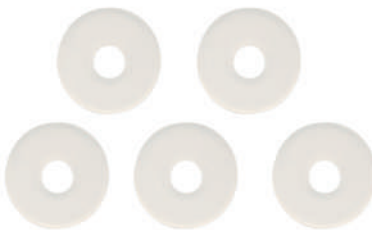
for Pentax with valve ca



Order no.	PU
Article no.	
1001006	1

SPARE GASKETS

for rinsing adapter Pentax



Order no.	PU
Article no.	
1001016	Bag with 20 gaskets

RINSING ADAPTER

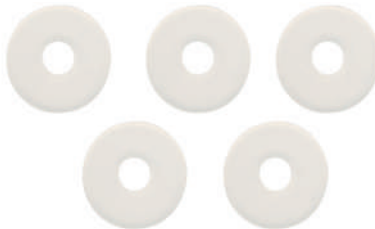
for Fujifilm with valve ca



Order no.	PU
Article no.	
1001007	1

SPARE GASKETS

for rinsing adapter Fujifilm



Order no.	PU
Article no.	
1001017	Bag with 20 gaskets

FOOT SWITCH

for rinsing apparatus clean-"o"-max 2+3



Order no.
Article no.

700002SP

PU

1

POWER SUPPLY UNIT



Order no.
Article no.

700000NT

PU

1

REDUCING RING

for bottle carrier that fits to the standard bottle of NaCl



Order no.
Article no.

701000SP

PU

1

PUMP UNIT

for rinsing apparatus clean-"o"-max 2+3



Order no.
Article no.

700010SP

PU

1

LIQUID CONTAINER FOR RINSING APPARATUS

liquid container of plastic, complete equipped with plug and aspiration, desinfectable



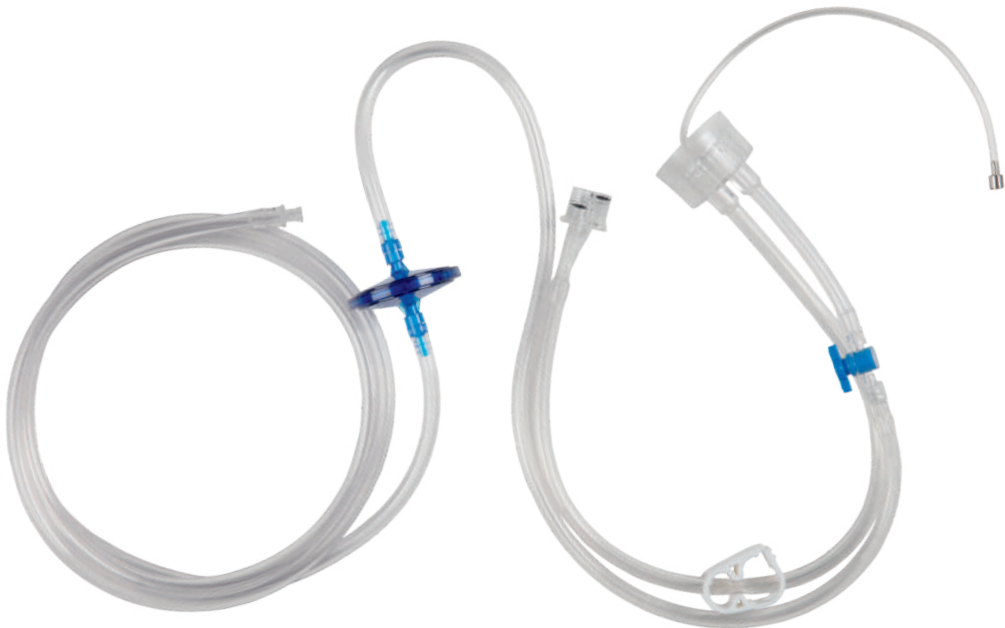
Order no.
Article no.

600003SP

PU

1

CLEAN CAP WITH CO² SOURCE TUBE



With 2-way valve for use with and without CO²



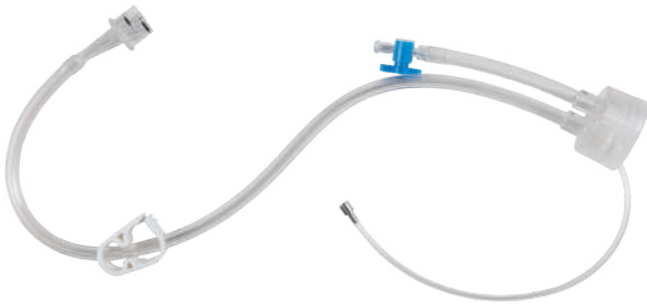
Filter with CO² hose



Connection to the supply plug

Order no.	Article no.	Description	PU
CIT-001-KT x60	CIT-001-KT	for Olympus endoscope series 140/160/180/190/260/290	60
CIT-002-KT x60	CIT-002-KT	for Fujifilm endoscope series 500/600	60
CIT-003-KT x60	CIT-003-KT	for Pentax endoscope series 90	60
CIT-003D-KT x60	CIT-003D-KT	for Pentax endoscope series 90 with hose for ambient air	60

CLEAN CONNECTION TUBE „CLEAN CAP“



Order no.	Article no.	Description	PU
CIT-001 x40	CIT-001	for Olympus endoscope series 140/160/180/190/260/290	40
CIT-002 x40	CIT-002	for Fujifilm endoscope series 500/600	40

CLEAN CONNECTION TUBE „CLEAN CAP“



Order no.	Article no.	Description	PU
CIT-004 x40	CIT-004	for Pentax endoscope series	40

CO² SOURCE TUBE

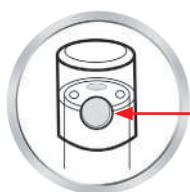


Order no.	Article no.	Description	PU
CFT-001 x60	CFT-001	for Olympus , Fujifilm , Pentax	60

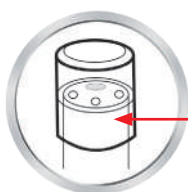
SUCTION CLEANING ADAPTER for **Olympus** endoscope series



Order no.	Article no.	Description	PU
CBC-001-EX x25	CBC-001-EX	for Olympus endoscope series	25



Ø 3 mm



NH models

No hole

ENDOSCOPIC DISTAL ATTACHMENT

EXTREMELY TRANSPARENT, ATRAUMATIC, SOFT STRUCTURE



Order no.	Article no.	For endoscope diameter mm	Working distance mm	Suitable for the following endoscope models			PU
ST-092-40 x10	ST-092-40	8.9 - 9.5	4.0	EG-2770 EG-2790K	GIF-H190 GIF-Q260		10
ST-092-40-NH x10	ST-092-40-NH	8.9 - 9.5	4.0	EG-2770 EG-2790K	GIF-H190 GIF-Q260		10
ST-098-40 x10	ST-098-40	9.6 - 10	4.0	GIF-H180, GIF-H260	PCF-PH190L/I GIF-HQ190		10
ST-098-40-NH x10	ST-098-40-NH	9.6 - 10	4.0	GIF-H180, GIF-H260	PCF-PH190L/I GIF-HQ190		10
ST-099-40 x10	ST-099-40	9.9 - 10.5	4.0	EC-2990Fi EC-2990Li	EC-2990Mi	EG-2990K	10
ST-105-40 x10	ST-105-40	10.3 ≈ 10.7	4.0	PCF-Q260J	EC-3490TLi	EG-2990K EG-2990Zi	10
ST-108-40 x10	ST-108-40	10.7 - 11.1	4.0	EG-2990i EG-450CT5	EG-590ZW	GIF-H260Z	10
ST-115-40 x10	ST-115-40	11.3 ≈ 11.7	4.0	EC-3470MK/FK/LK EC-3490FK/Fi/LK	EG-3470K EG-3490K EG-450D5	PCF-H180AI/L PCF-H190DI/L	10
ST-115-40-NH x10	ST-115-40-NH	11.3 ≈ 11.7	4.0	EC-3470MK/FK/LK EC-3490FK/Fi/LK	EG-3470K EG-3490K EG-450D5	PCF-H180AI/L PCF-H190DI/L	10
ST-122-40 x10	ST-122-40	12.1 ≈ 12.5	4.0	CF-Q260A CF-Q260D			10
ST-128-40 x10	ST-128-40	12.6 ≈ 12.9	4.0	EC-250WM5 EC-380Kp	EC-3890LZi, FZi, MZi EC-450WM5/W15	EC-530WM/WI EC-590WM/ZW	10
ST-132-40 x10	ST-132-40	13.0 ≈ 13.5	4.0	CF-H190L/I CF-HQ190L/I CF-Q180AL/I	EC-3890Mi/Fi/Li EC-3890TFK/TLK	EG-3890TK	10
ST-132-40-NH x10	ST-132-40-NH	13.0 ≈ 13.5	4.0	CF-H190L/I CF-HQ190L/I CF-Q180AL/I	EC-3890Mi/Fi/Li EC-3890TFK/TLK	EG-3890TK	10



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