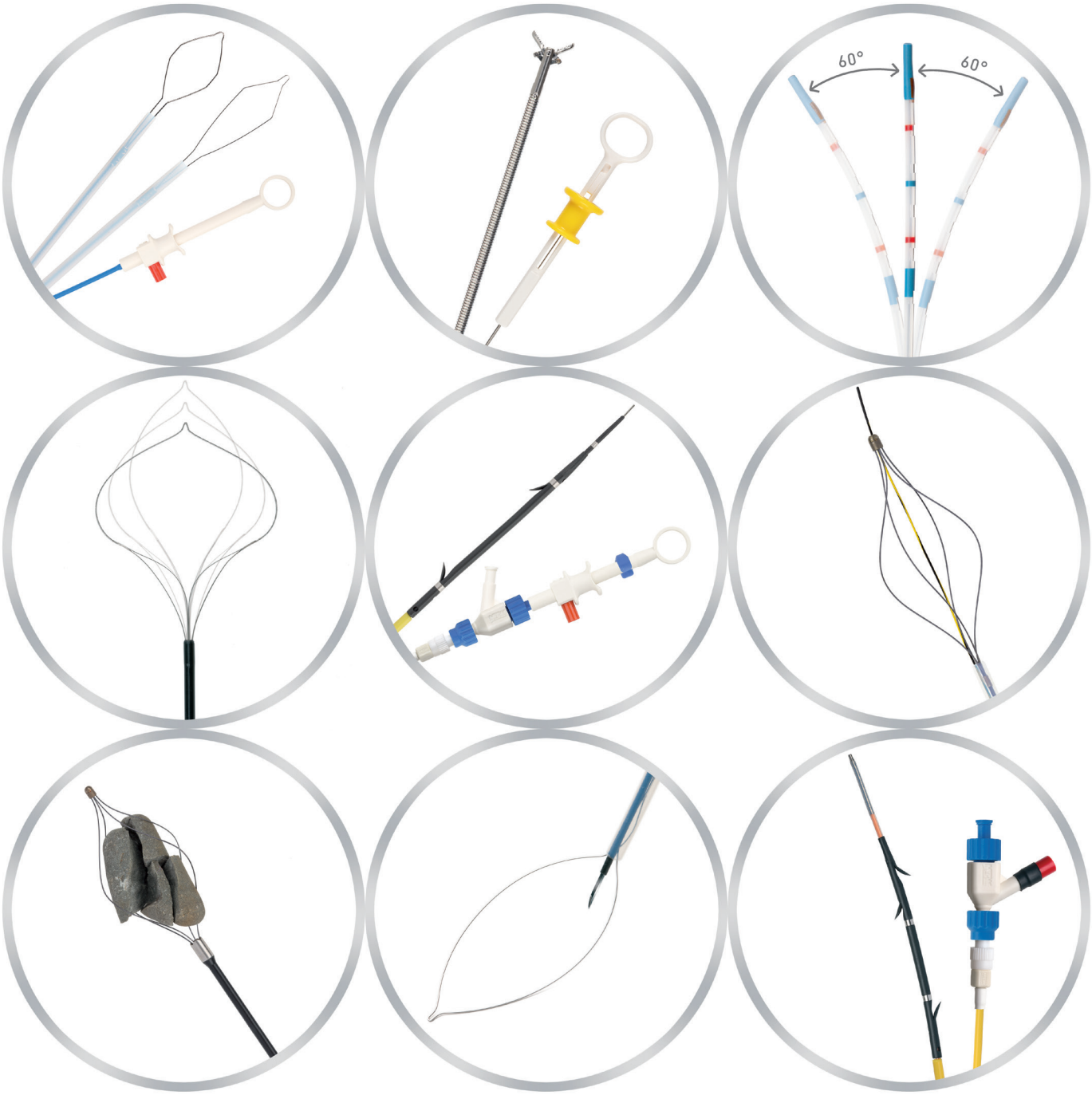
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ERCP-CATHETERS
SPRAY CATHETERS / WASH-OUT PROBES

PAPILLOTOMES
CYSTOSTOME / ESD-KNIVES

BASKETS
LITHOTOMY BASKETS / LITHOTRIPTOR / BALLOON CATHETERS

STENT WITH INTRODUCER SYSTEM
STENTS / INTRODUCER SYSTEM / GUIDING CATHETER / PUSHER INTRODUCER SYSTEMS (JET-SET AND QUICK-SET) / DILATATION CATHETER / CYST DRAINAGE SYSTEM / RING KNIFE SYSTEM

POLYPECTOMY SNARES

BIOPSY FORCEPS
HOT-BIOPSY FORCEPS / MICRO-BITES

FOREIGN BODY REMOVING FORCEPS
POLYPOTOMES / POLYP TRAP NET LOOPS / BASKET FOR FOREIGN BODY

BRUSHES
CYTOLOGY BRUSHES/ CLEANING BRUSHES

INJECTION NEEDLES
ULTRASOUND BIOPSY NEEDLE

GUIDE WIRES

BASICS

ERCP-CATHETERS
SPRAY CATHETERS
WASH-OUT PROBES

01

SYMBOLS

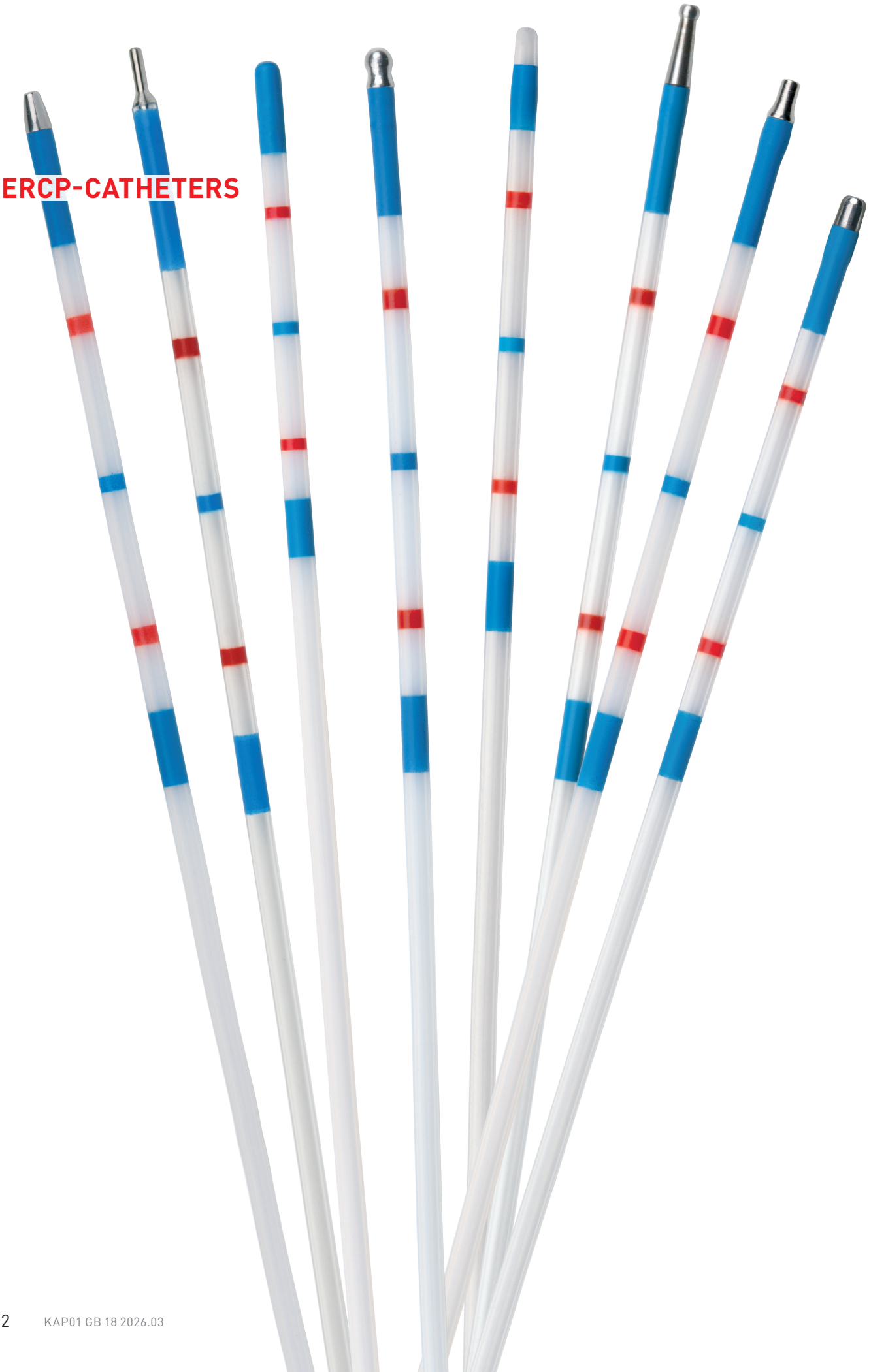


— Disposable products



— Reusable products

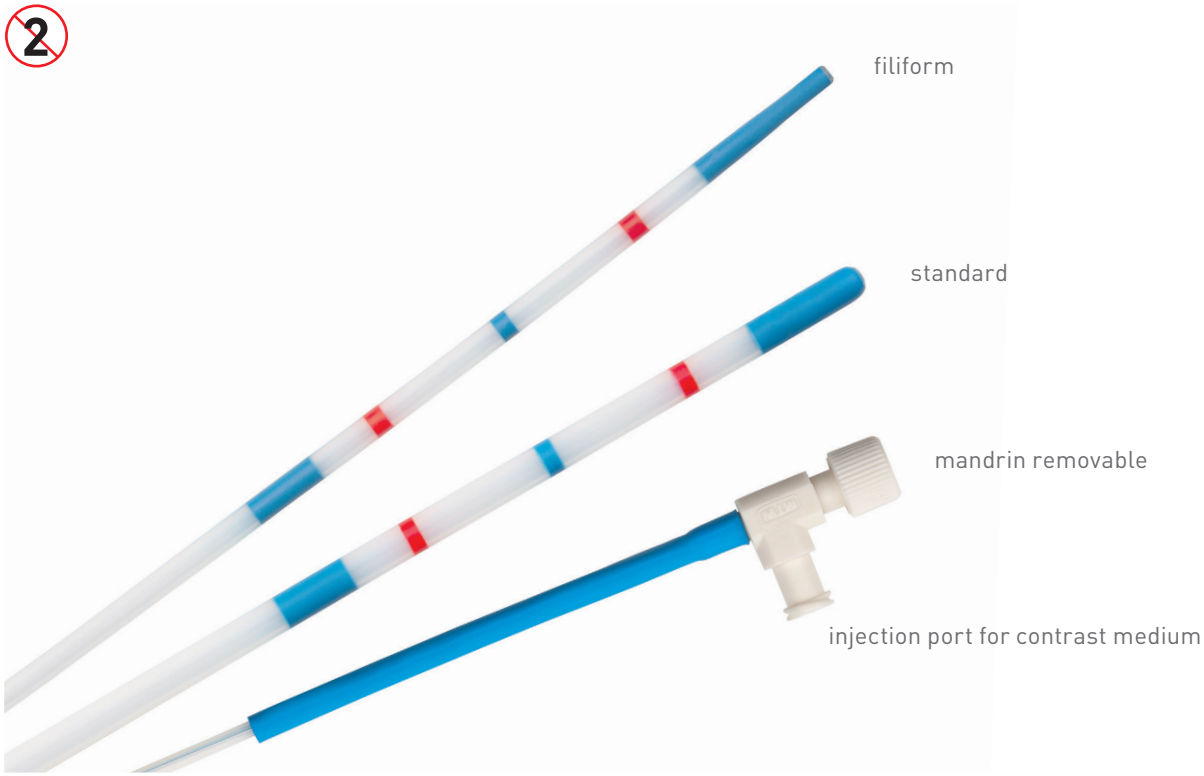
ERCP-CATHETERS



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ERCP-CATHETERS

Luer-Lock connection, mandrin removable

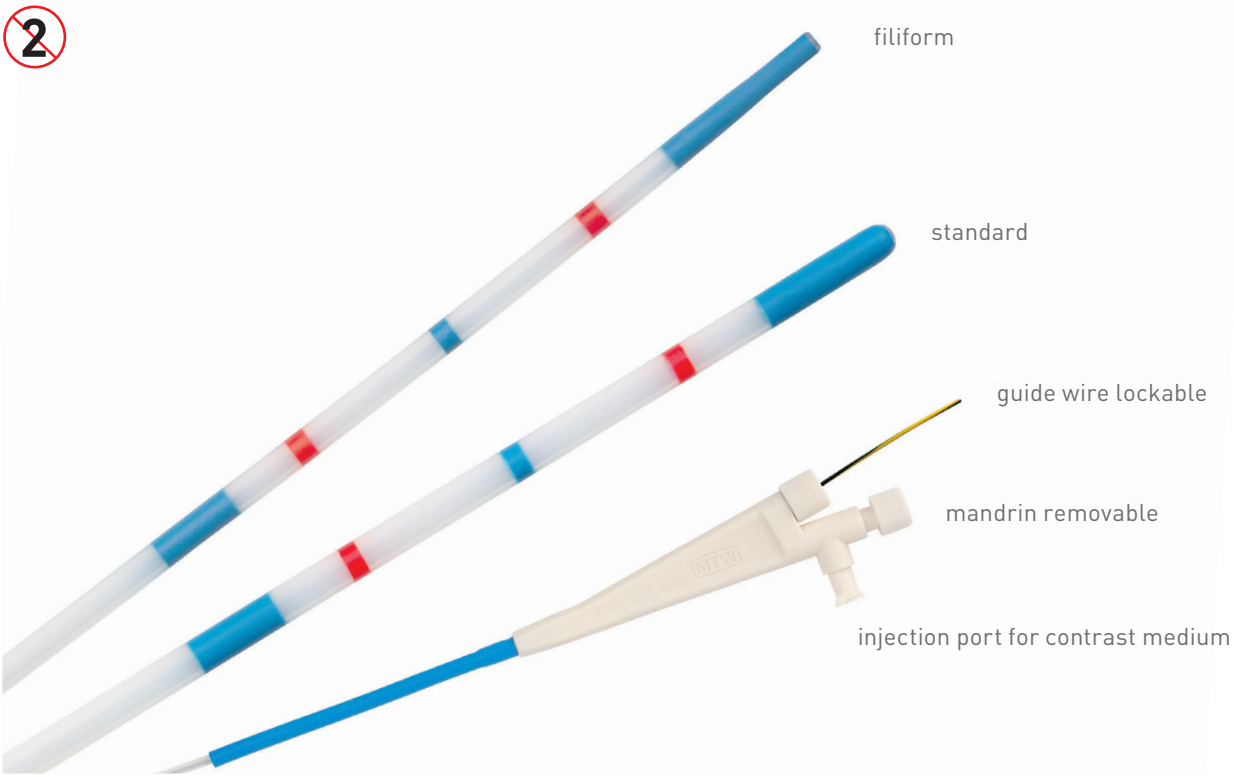


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990130100 x5	990130100	standard	1,8	215	0.035	5
990130200 x5	990130200	filiform	1,8	215	0.035	5

Figure shows article REF 990130100, 990130200

ERCP-CATHETERS

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

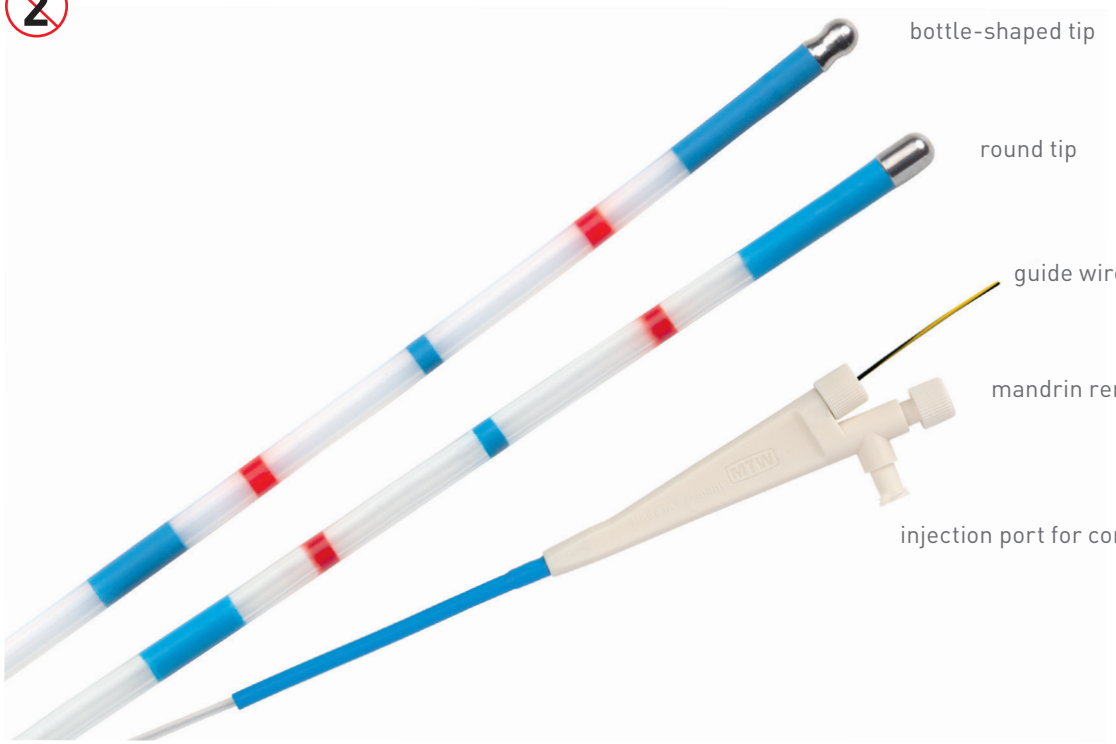


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990130102 x5	990130102	standard	2,3 > 1,8	215	0.035	5
990130112 x5	990130112	standard / with inside metal ring	2,3 > 1,8	215	0.035	5
990130132 x5	990130132*	standard / with inside metal ring with short tapered tube	2,3 > 1,8	215	0.035	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 990130102, 990130202
* with short tapered tubus

ERCP-CATHETERS

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

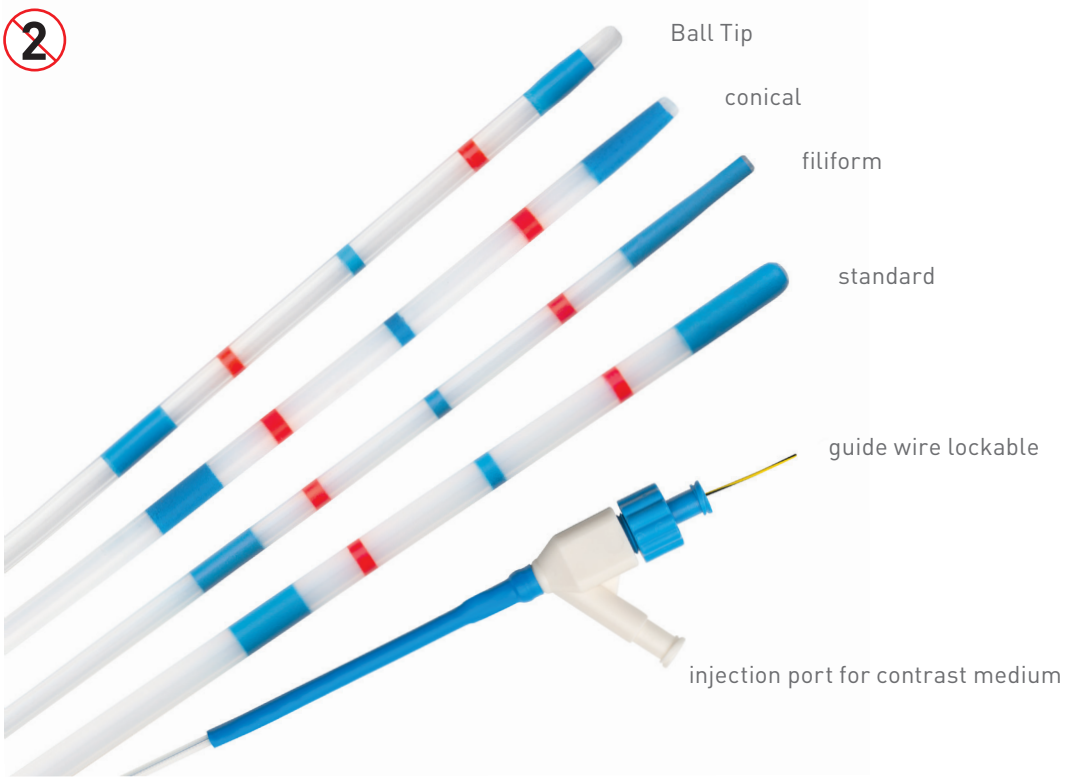


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990130312 x5	990130312	round metal tip	2,3 > 1,8	215	0.035	5
990130512 x5	990130512	bottle-shaped metal tip	2,3 > 1,8	215	0.035	5

Figure shows article REF 990130312, 990130512

ERCP-CATHETERS

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



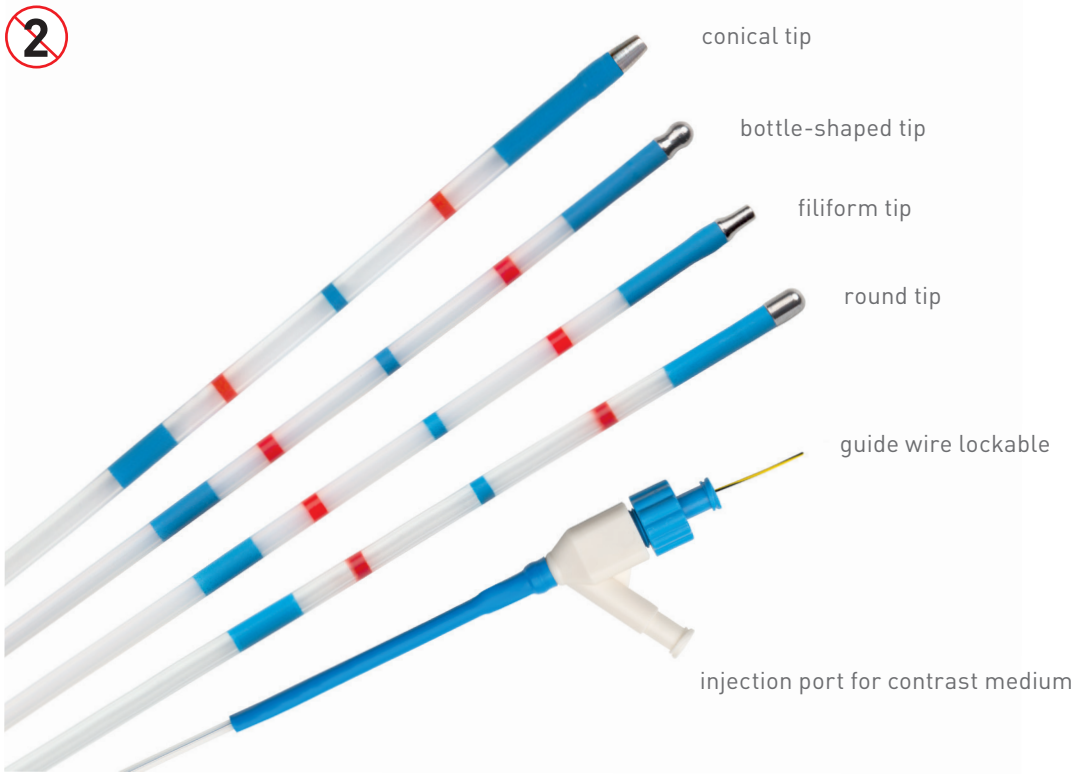
Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990120111 x5	990120111	standard / with inside metal ring	2,3 > 1,5	215	0.025	5
990120211 x5	990120211	filiform / with inside metal ring	2,3 > 1,6	215	0.025	5
99130120211 x2	99130120211	filiform / with inside metal ring	2,3 > 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
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

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ERCP-CATHETERS

tapered, metal tip, guide wire lockable,
integrated mandrin

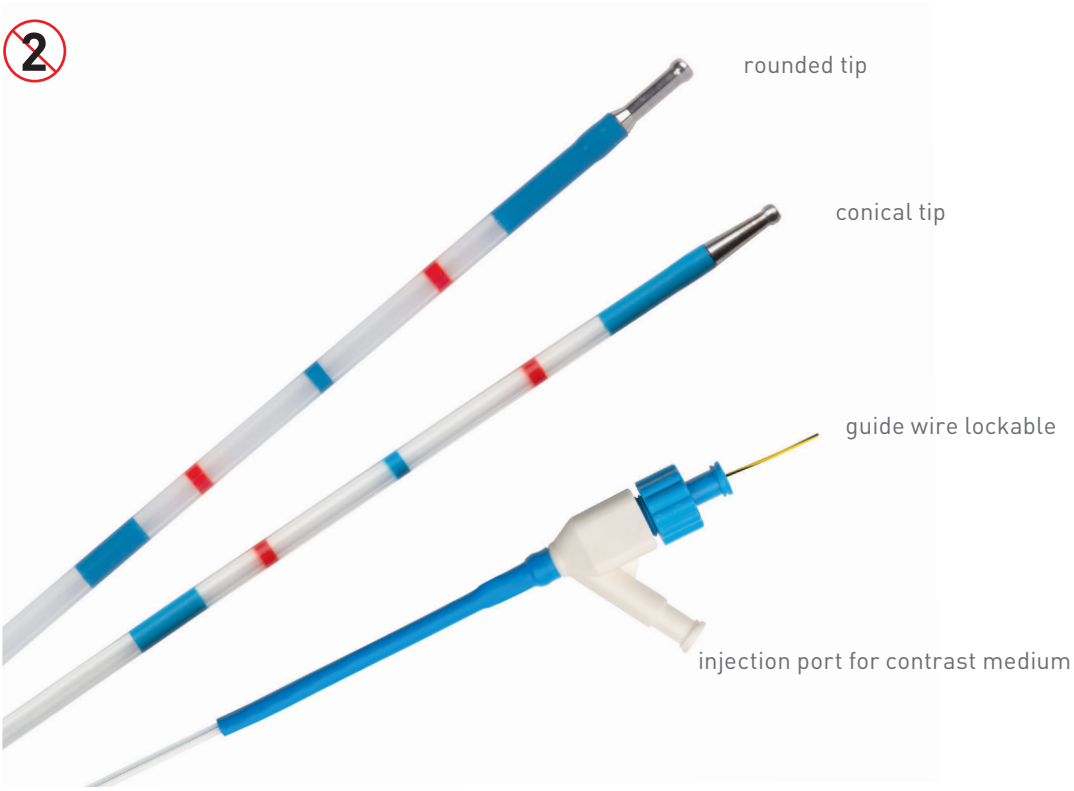


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
990130311 x5	990130311	round metal tip	2,3 > 1,8	215	0.035	5
990130411 x5	990130411	filiform metal tip	2,3 > 1,8	215	0.035	5
990130511 x5	990130511	bottle-shaped metal tip	2,3 > 1,8	215	0.035	5
990130611 x5	990130611	conical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



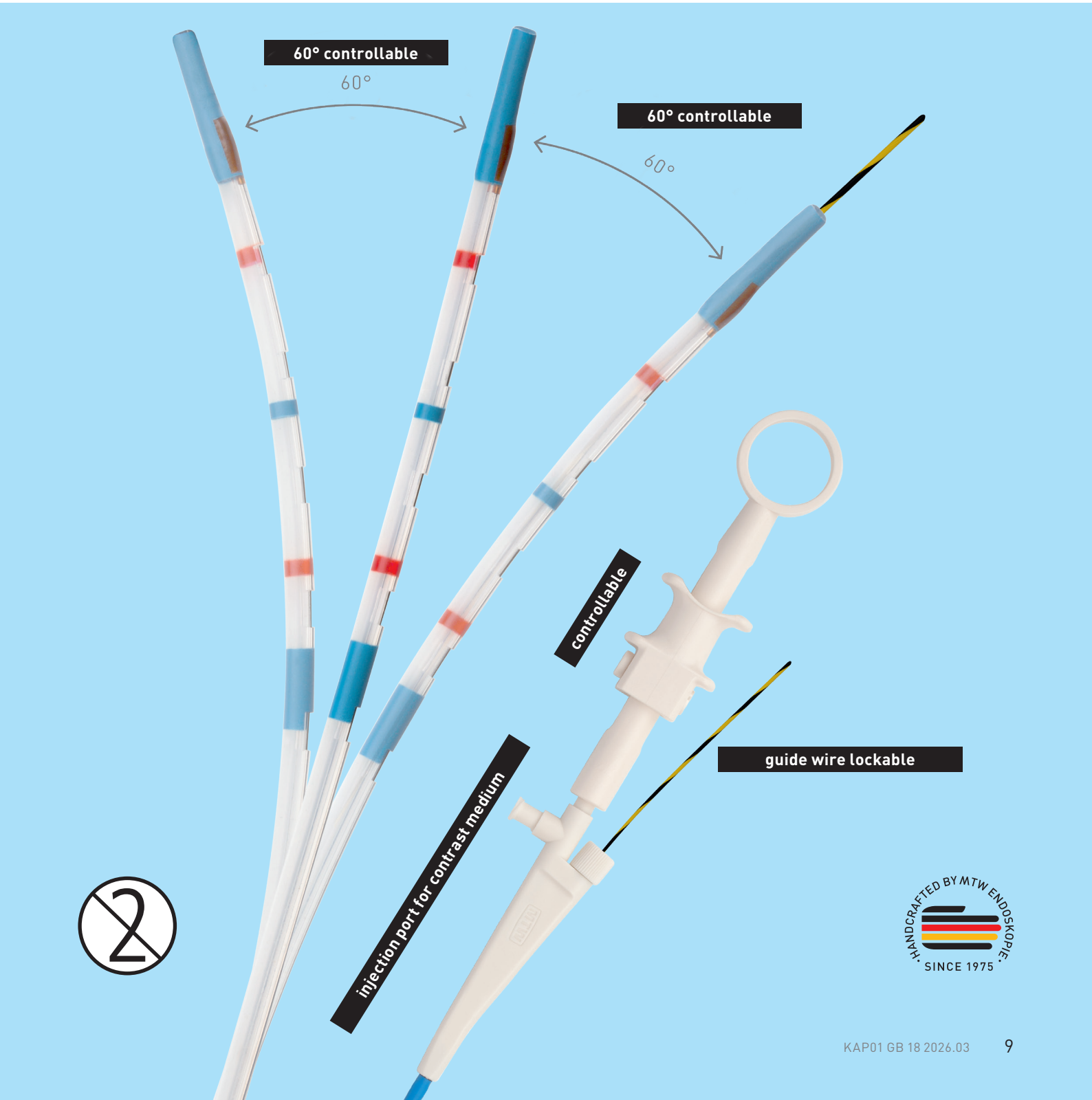
Order no.	Article no.	Catheter tip with diameter	Diameter mm	Length cm	For guide wire inch	PU
990103120 x5	990103120	rounded metal cannula / 1,6	2,3 > 1,8	215	0.035	5
990102220 x5	990102220	conical metal cannula / 1,3	2,3 > 1,6	215	0.025	5

Figure shows article REF 990103120, 990102220

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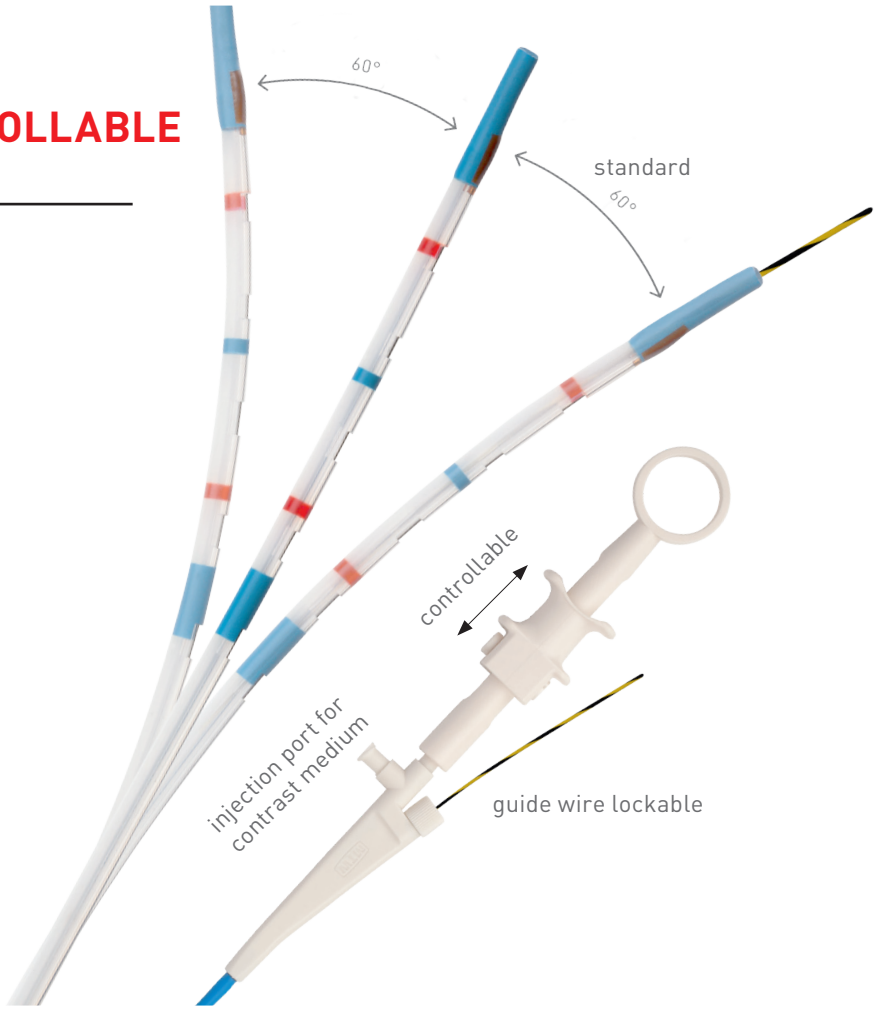
ERCP-CATHETER, CONTROLLABLE

tapered, guide wire lockable



ERCP-CATHETER, CONTROLLABLE

tapered, guide wire lockable



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

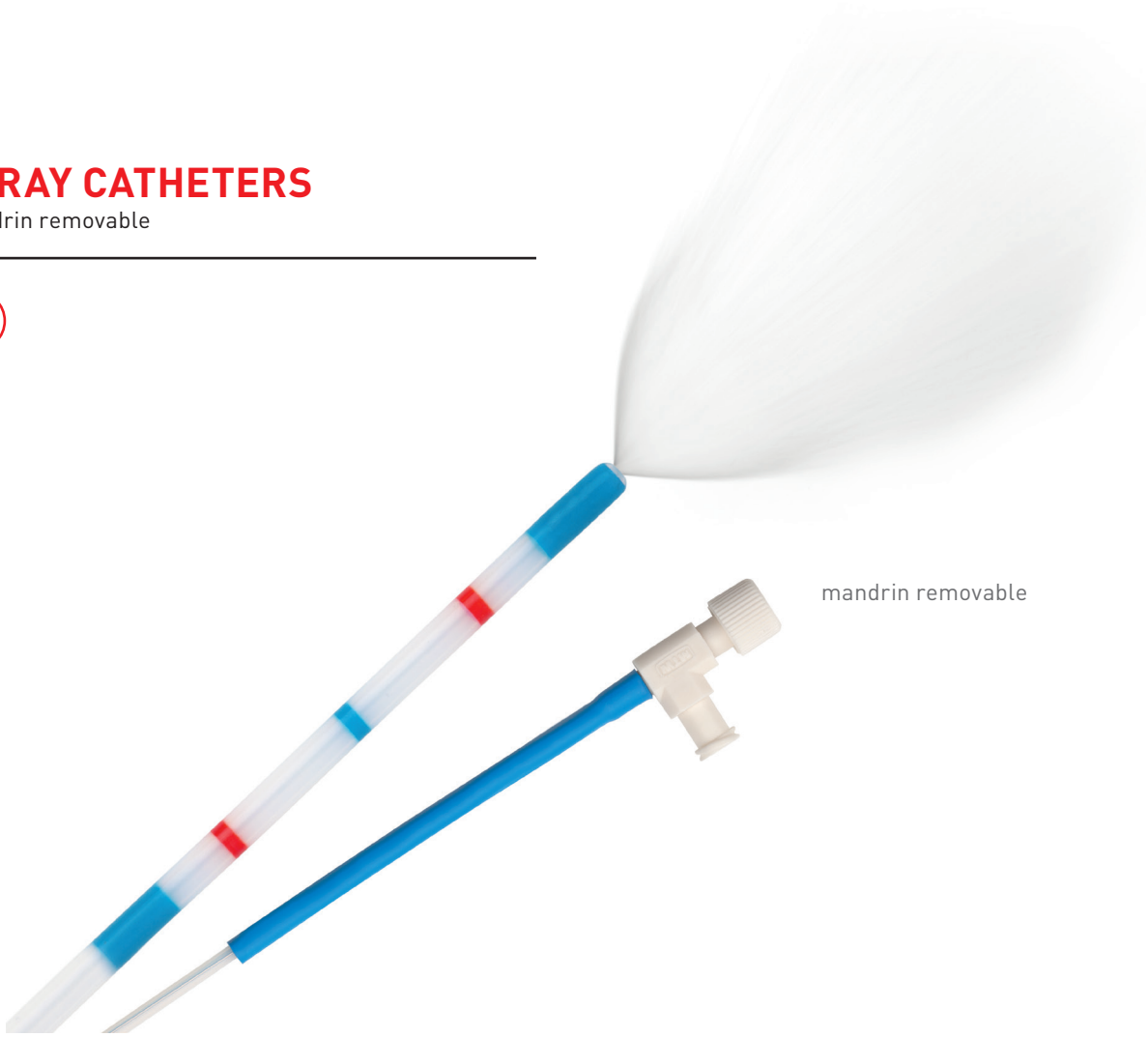
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SPRAY CATHETERS AND WASH-OUT PROBES



SPRAY CATHETERS

mandrin removable



mandrin removable

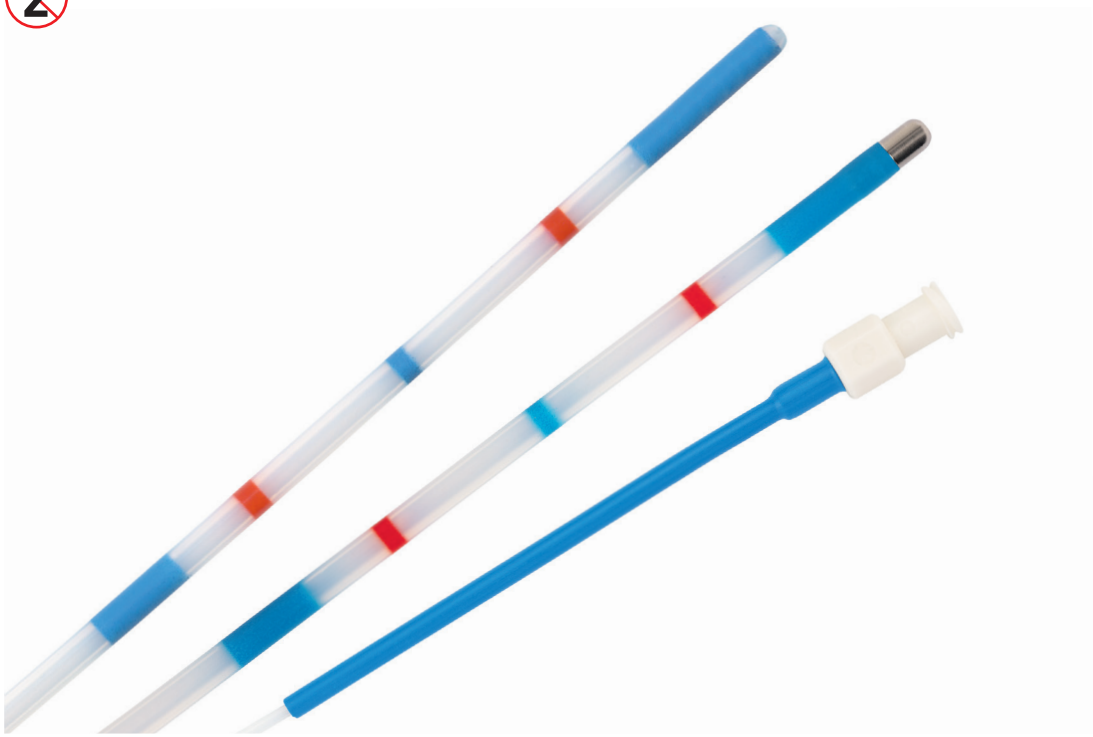
Order no.	Article no.	Diameter mm	Length cm	PU
99110101210 x5	99110101210	1,8	120	5
AS2791823 x5	AS2791823*	1,8	230	5
99130101210 x2	99130101210	1,8	250	2
990101310 x5	990101310	2,3	215	5
99130101310 x2	99130101310	2,3	250	2

Figure shows article REF 990101310
* without color marking

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WASH-OUT PROBES

mandrin removable

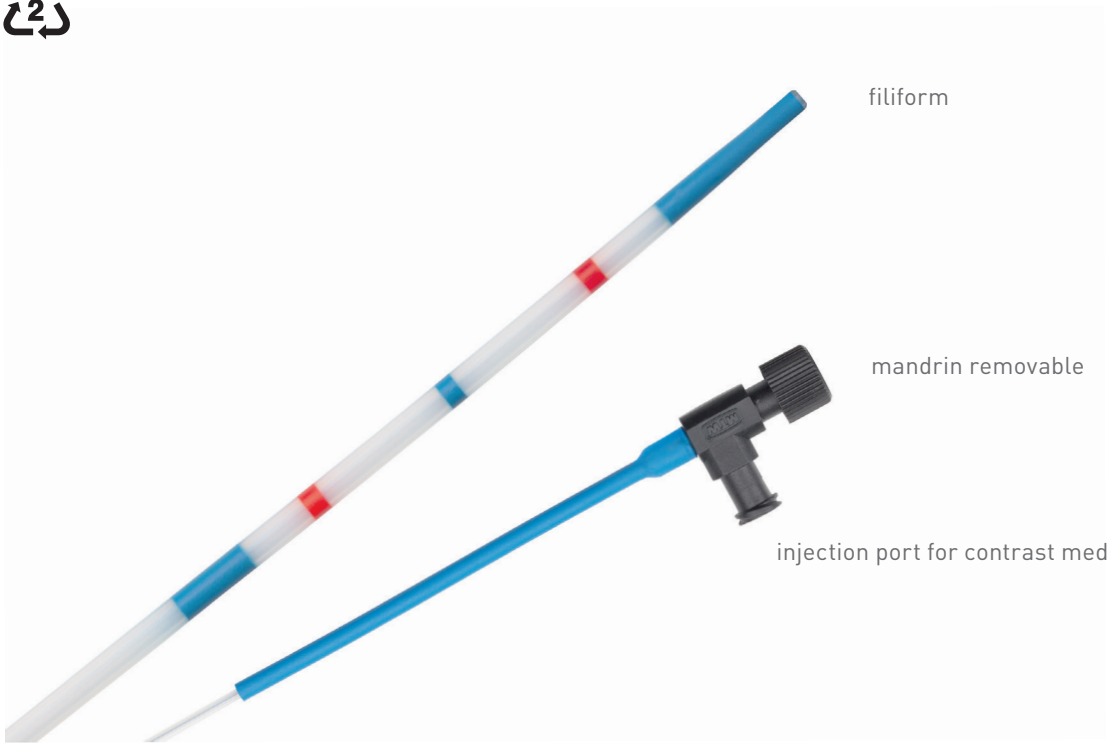


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	PU
99112000210 x10	99112000210*	without metal head, sheath without ring marking	1,8	120	10
99110120100 x10	99110120100	without metal head, sheath with ring marking	1,6	120	10
99112100210 x5	99112100210	without metal head, sheath with ring marking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

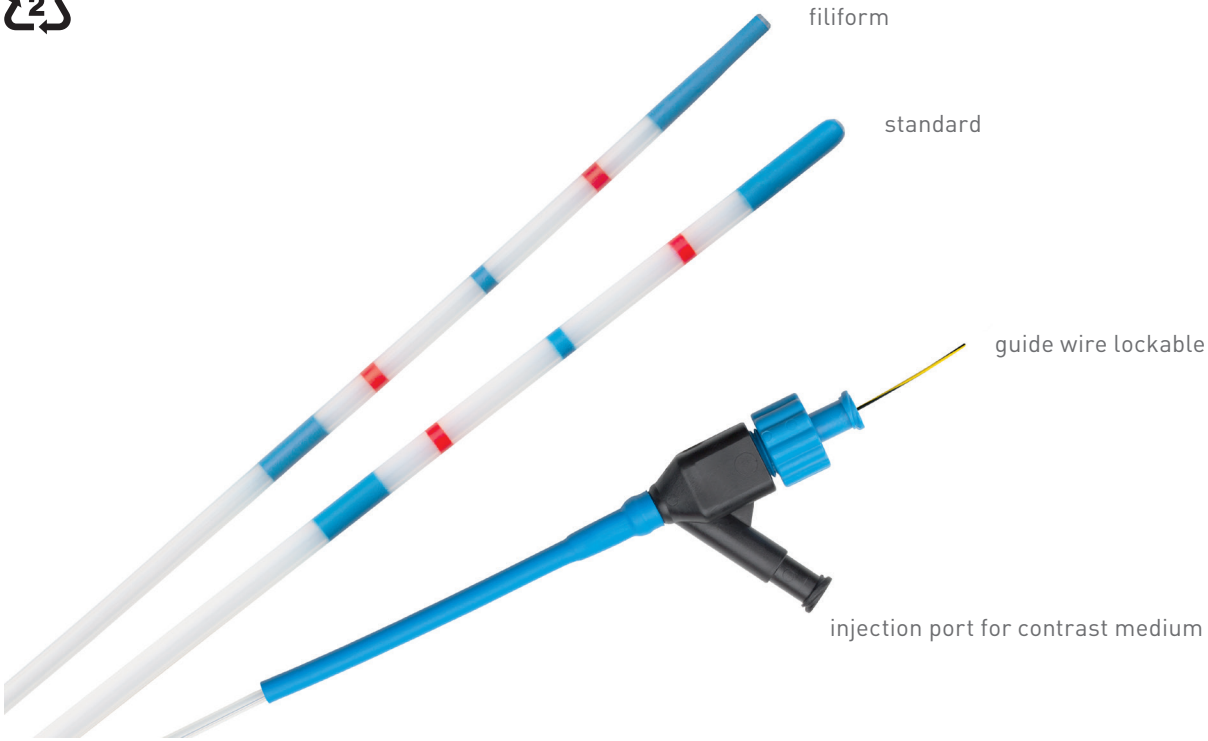


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
0120200	0120200	filiform	1,6	215	0.025	1
0130200	0130200	filiform	1,8	215	0.035	1

Figure shows article REF 0130200

ERCP-CATHETERS

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

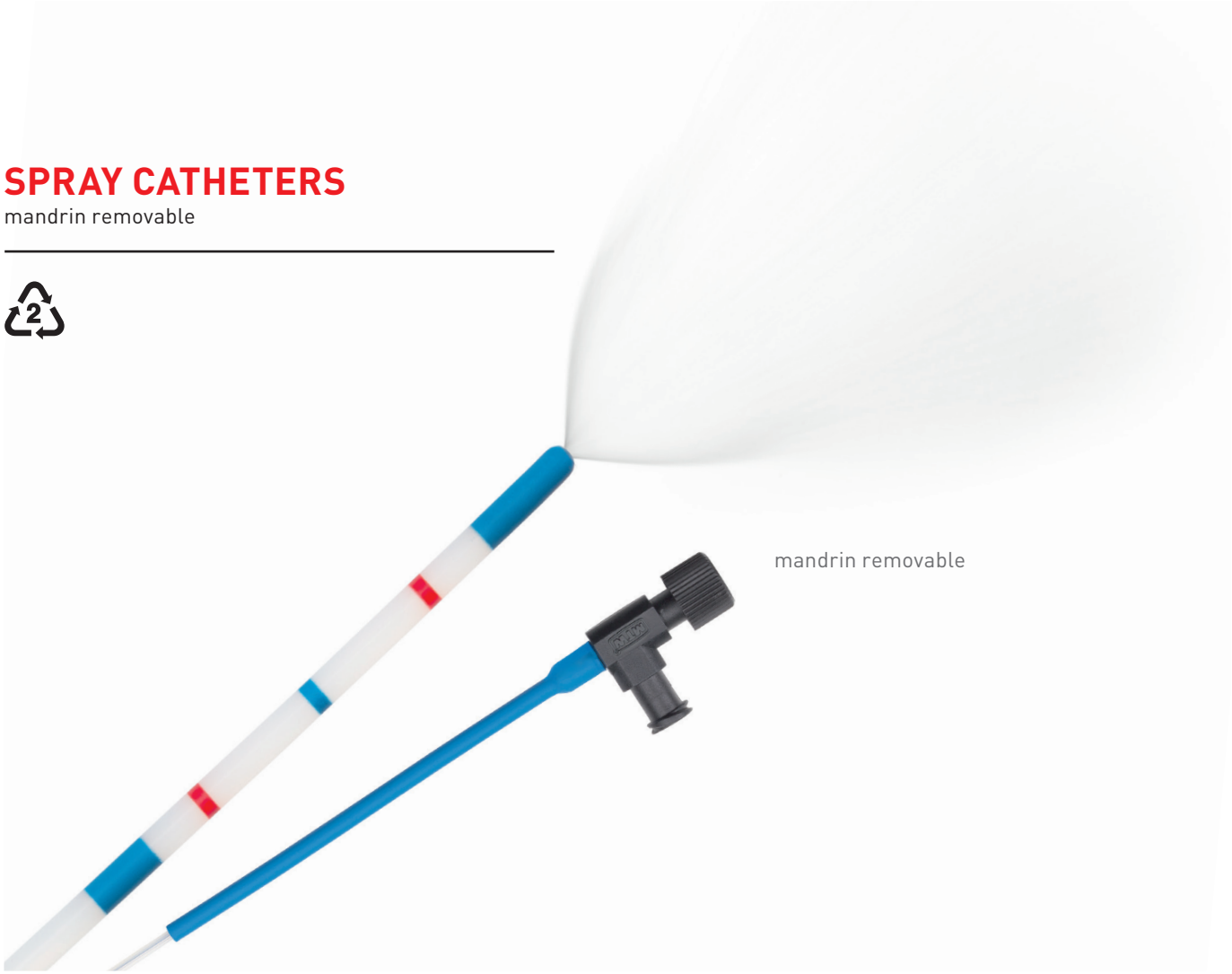


Order no.	Article no.	Catheter tip	Diameter mm	Length cm	For guide wire inch	PU
0131110	0131110	standard / with inside metal ring	2,3 > 1,8	215	0.035	1
0120211	0120211	filiform / with inside metal ring	2,3 > 1,6	215	0.025	1
0130211	0130211	filiform / with inside metal ring	2,3 > 1,8	215	0.035	1

Figure shows article REF 0120211, 0131110

SPRAY CATHETERS

mandrin removable



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

COLOUR CODES AND SYMBOLS

 — Disposable products

 — Reusable products

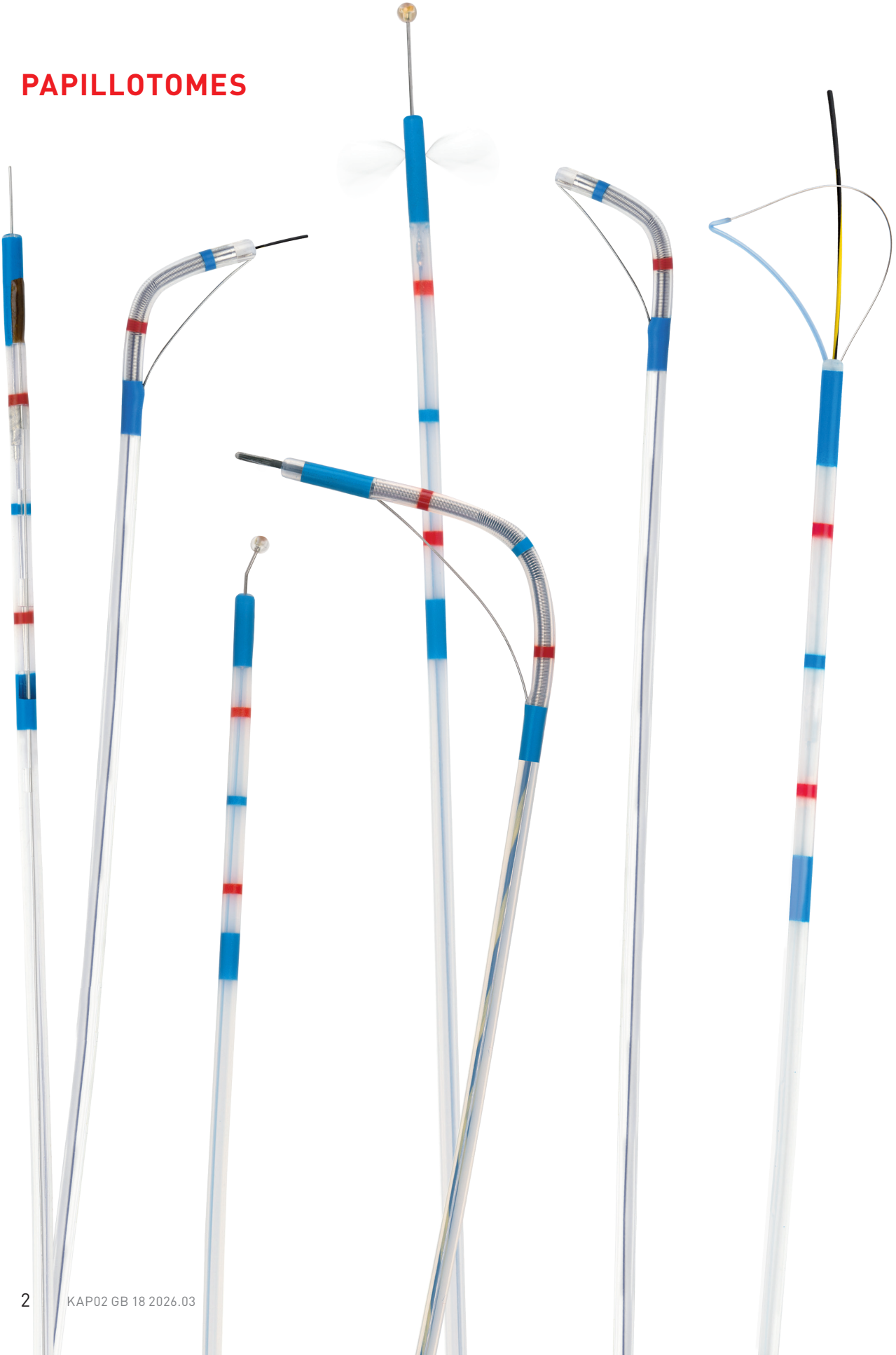
 — Single-lumen products

 — Double-lumen products

 — Triple-lumen products

 — Shape-stabilizer

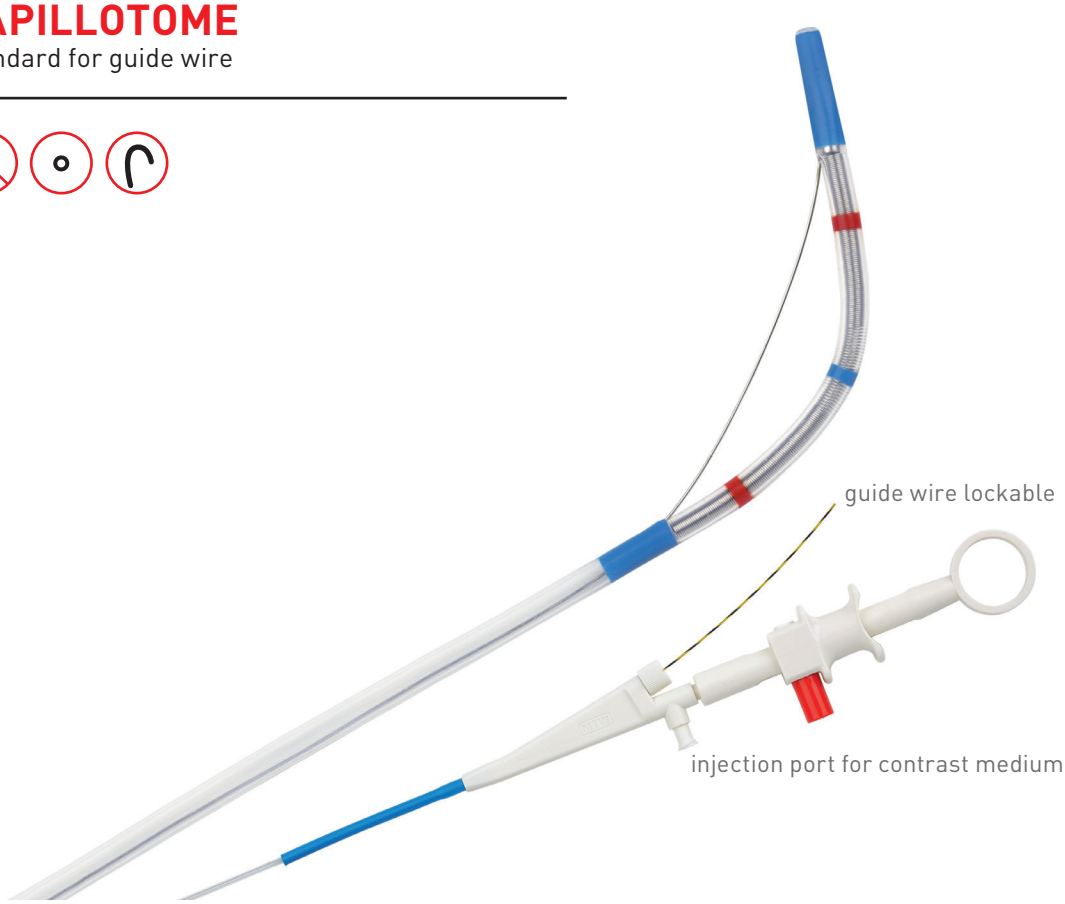
PAPILLOTOMES



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PAPILLOTOME

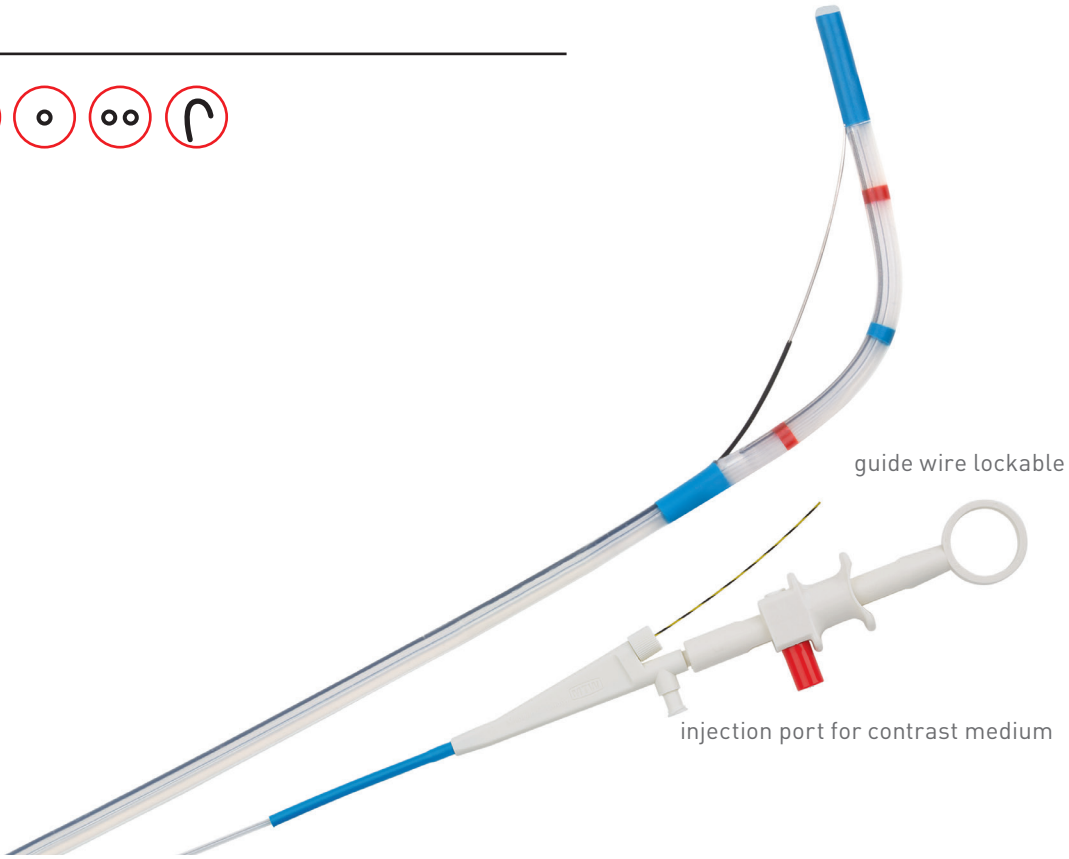
standard for guide wire



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", partly insulated cutting wire

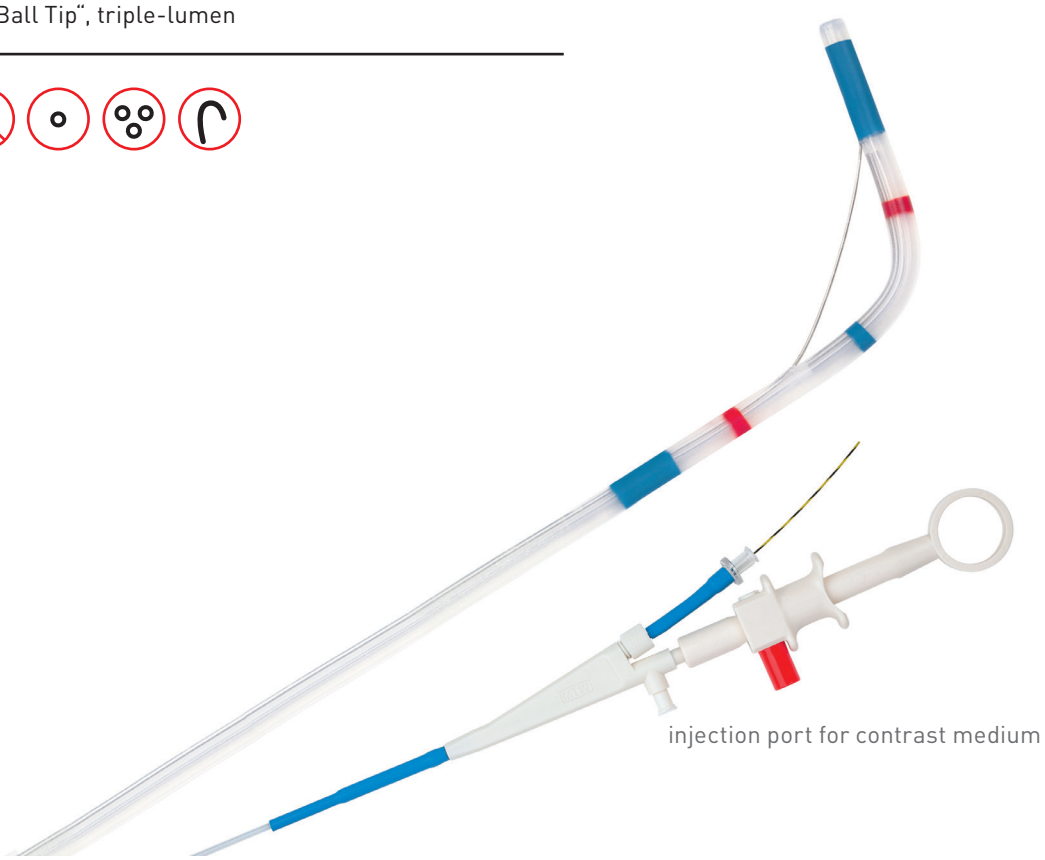


Order no.	Article no.	Special features	Lumen	Feather strengthe-ned	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99028141 x5	99028141	8 mm guiding tip	o	yes	0.035	30, partly insulated	2,3 > 1,8	215	5
99028241	99028241	8 mm guiding tip	oo	yes	0.035	30, partly insulated	2,3 > 1,8	215	1

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PAPILLOTOMES

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



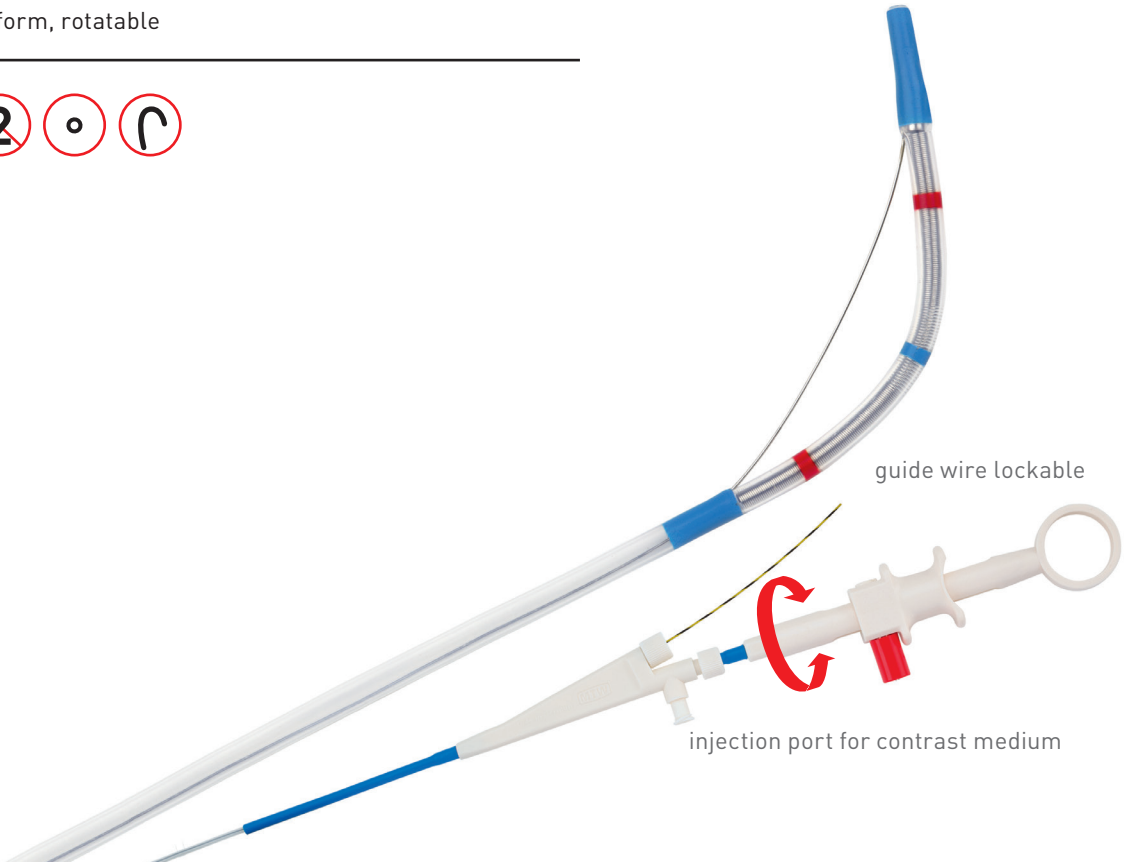
injection port for contrast medium

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

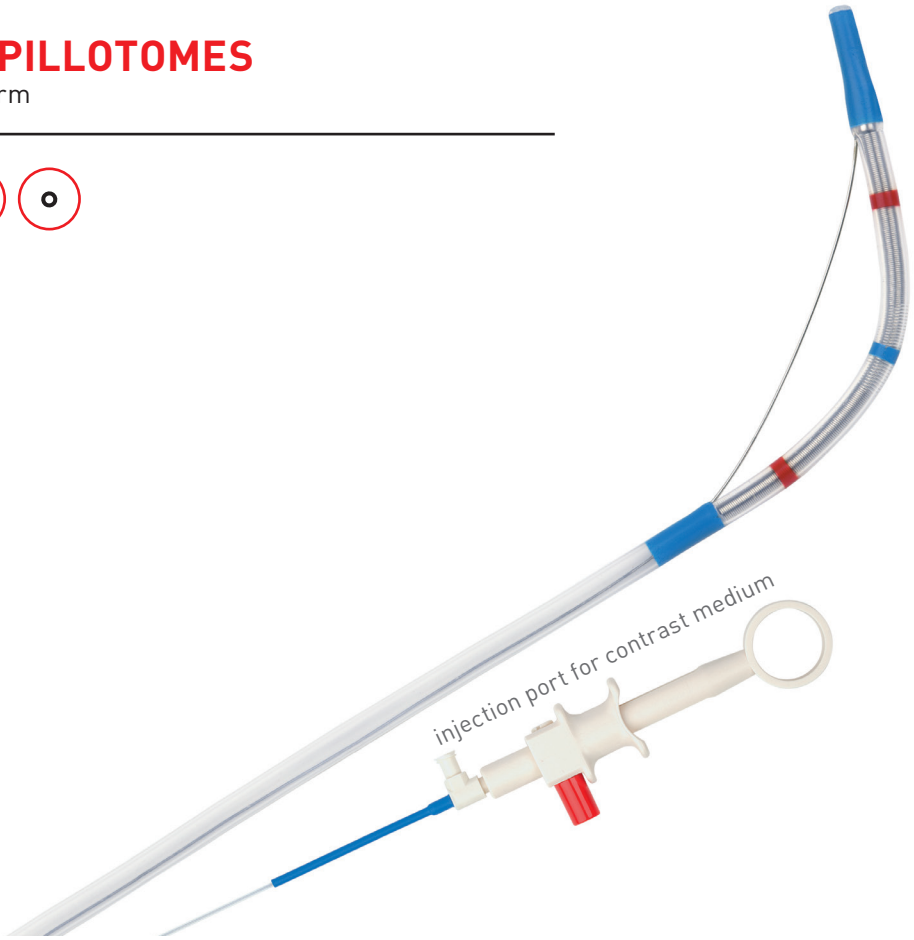


Order no.	Article no.	Special features	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99021651 x2	99021651*)	7 mm radiopaque tip	yes	0.018	20	1,6	215	2
99023681 x5	99023681	7 mm radiopaque tip	yes	0.035	20	2,3 > 1,8	215	5
99023081 x5	99023081	7 mm radiopaque tip	yes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

Figure shows article REF 99023081
*) without shape-stabilizer

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PAPILLOTOMES
filiform



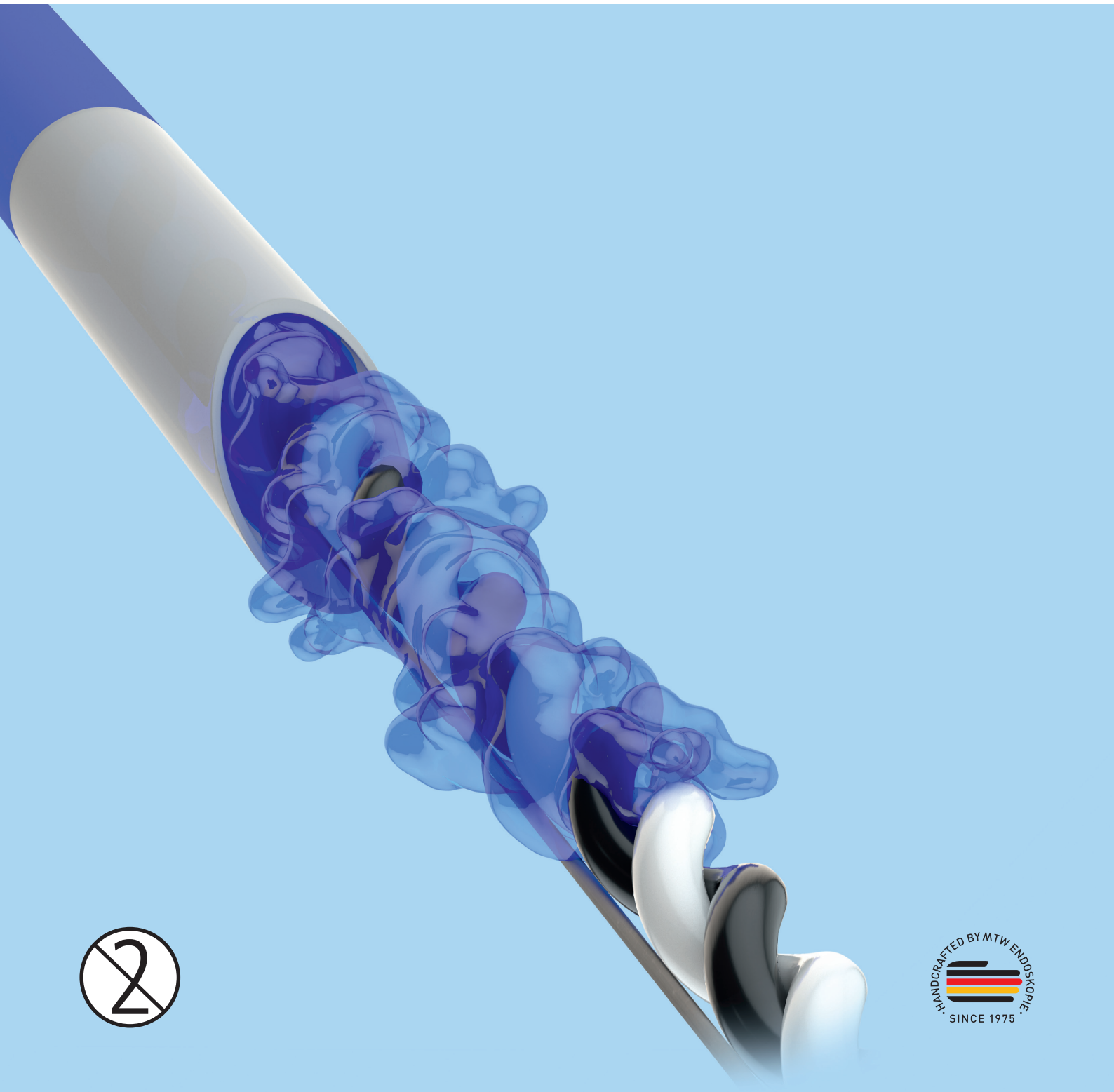
Order no.	Article no.	Special features	Cutting length mm	Diameter mm	Length cm	PU
99020051 x5	99020051	7 mm radiopaque tip	30	1,6	215	5
9913020051	9913020051	7 mm radiopaque tip	30	1,6	250	1

Figure shows article REF 99020051

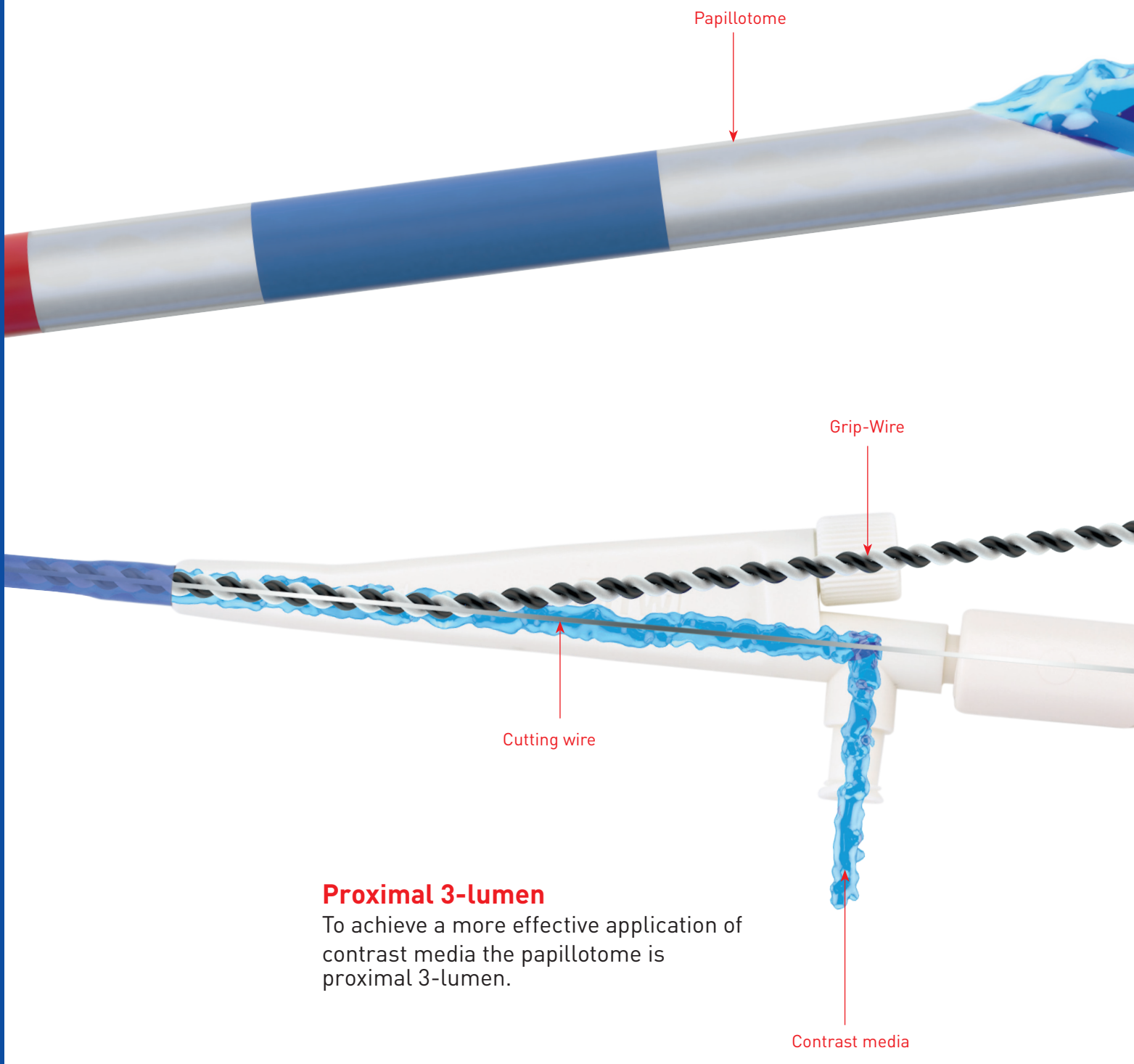
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Liquid Tip Papillotome

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

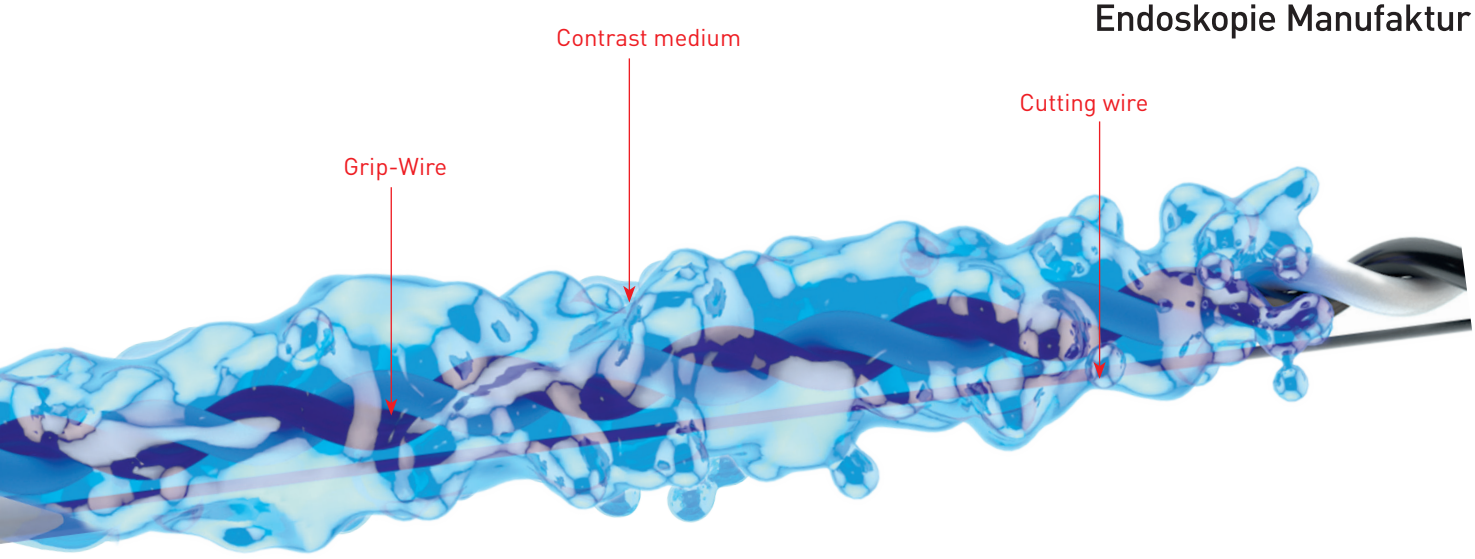


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Proximal 3-lumen

To achieve a more effective application of contrast media the papillotome is proximal 3-lumen.

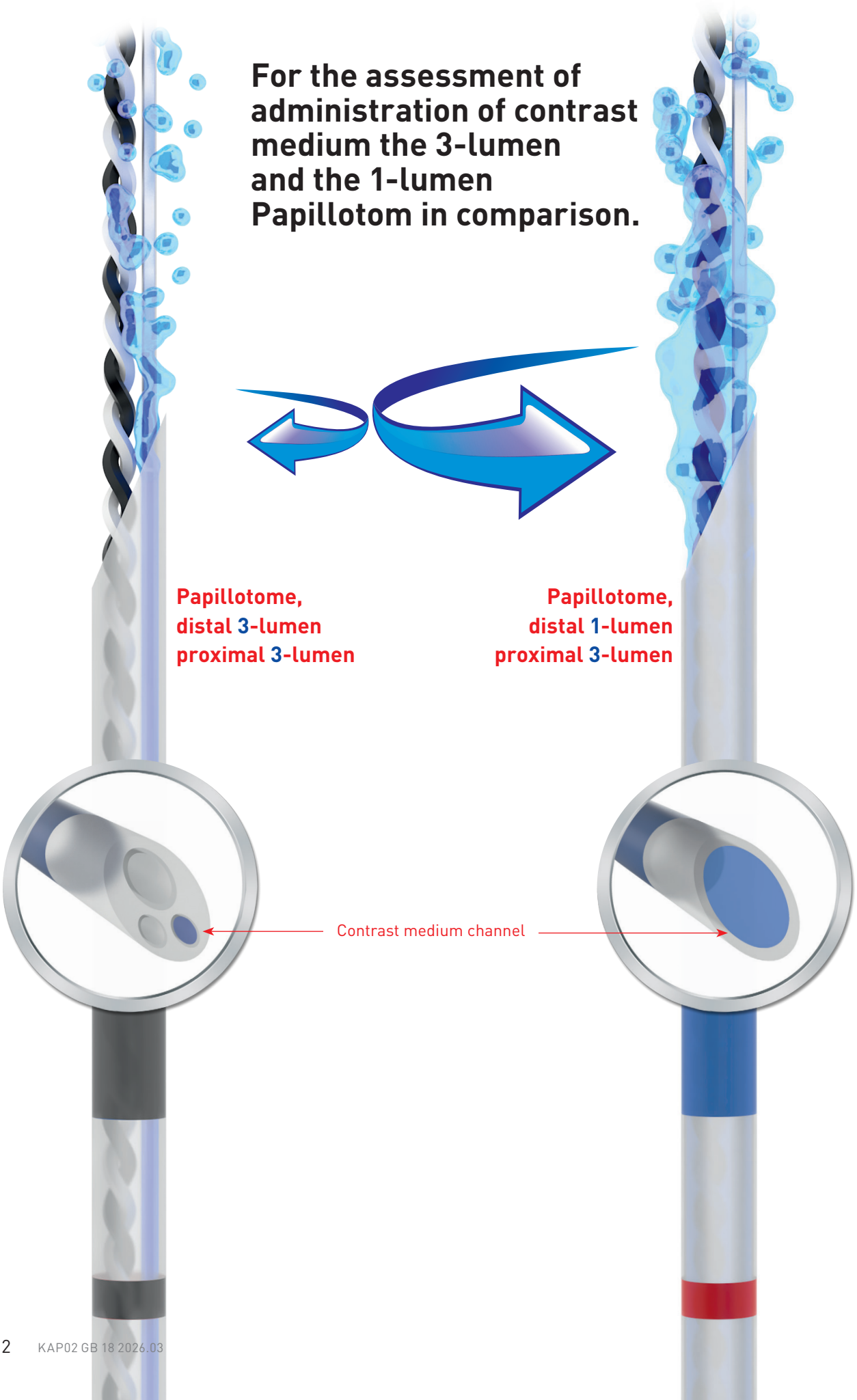


Distal 1-lumen

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



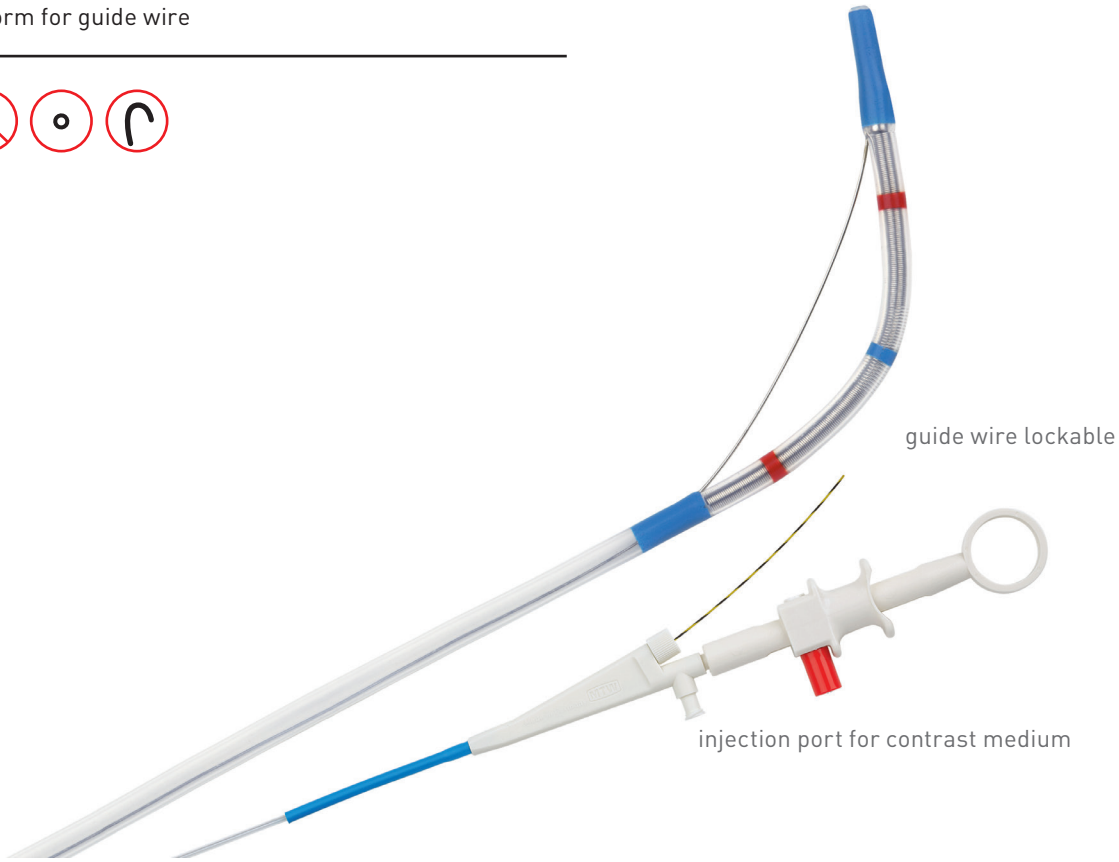
For the assessment of administration of contrast medium the 3-lumen and the 1-lumen Papillotom in comparison.



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PAPILLOTOMES

filiform for guide wire

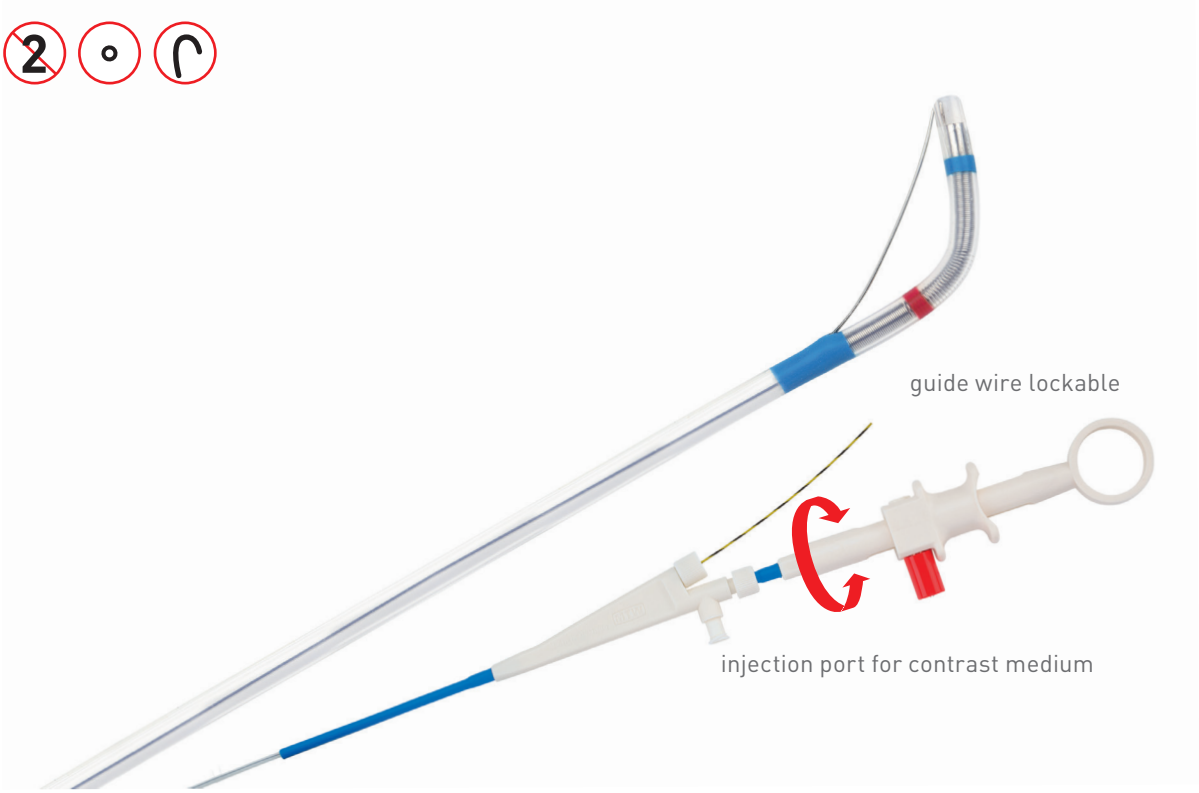


Order no.	Article no.	Special features	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99023651 x5	99023651	7 mm radiopaque tip	yes	0.035	20	2,3 > 1,8	215	5
99023051 x5	99023051	7 mm radiopaque tip	yes	0.035	30	2,3 > 1,8	215	5
9913023051	9913023051	7 mm radiopaque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

Figure shows article REF 99023051

PAPILLOTOME

precut, rotatable

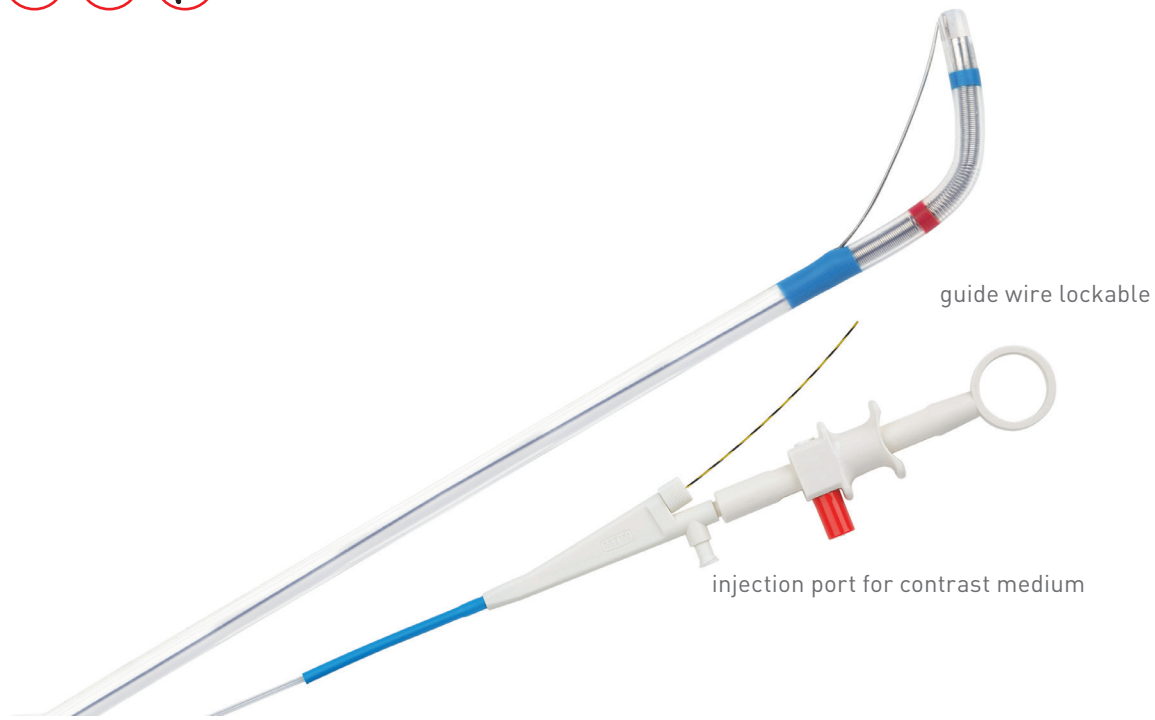


Order no.	Article no.	Feather strengthened	For guide wire inch	Cutting length mm	Diameter mm	Length cm	PU
99023091 x5	99023091	yes	0.035	20	2,3 > 1,8	215	5

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PAPILLOTOME

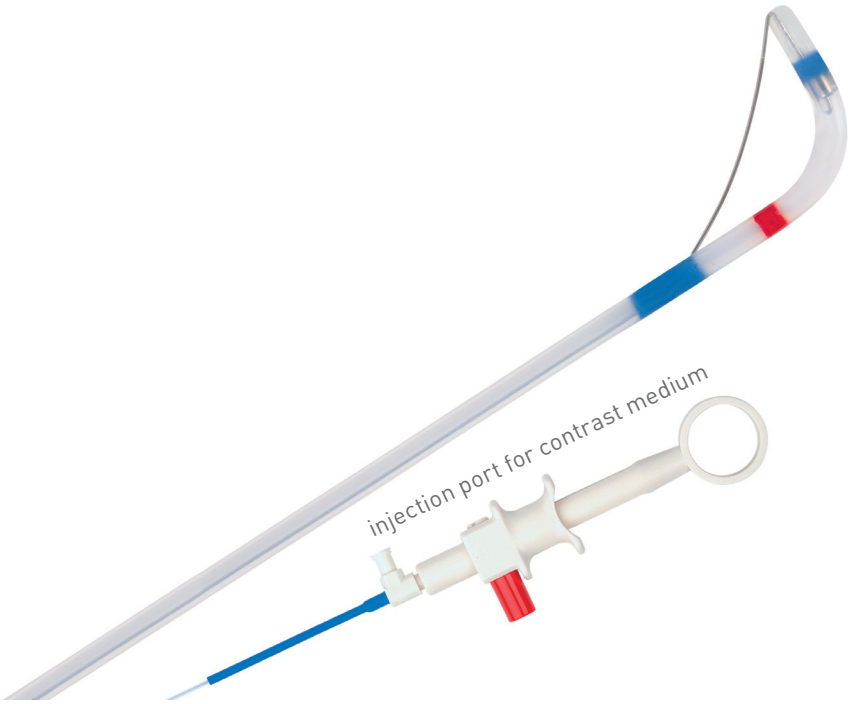
precut, for guide wire



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

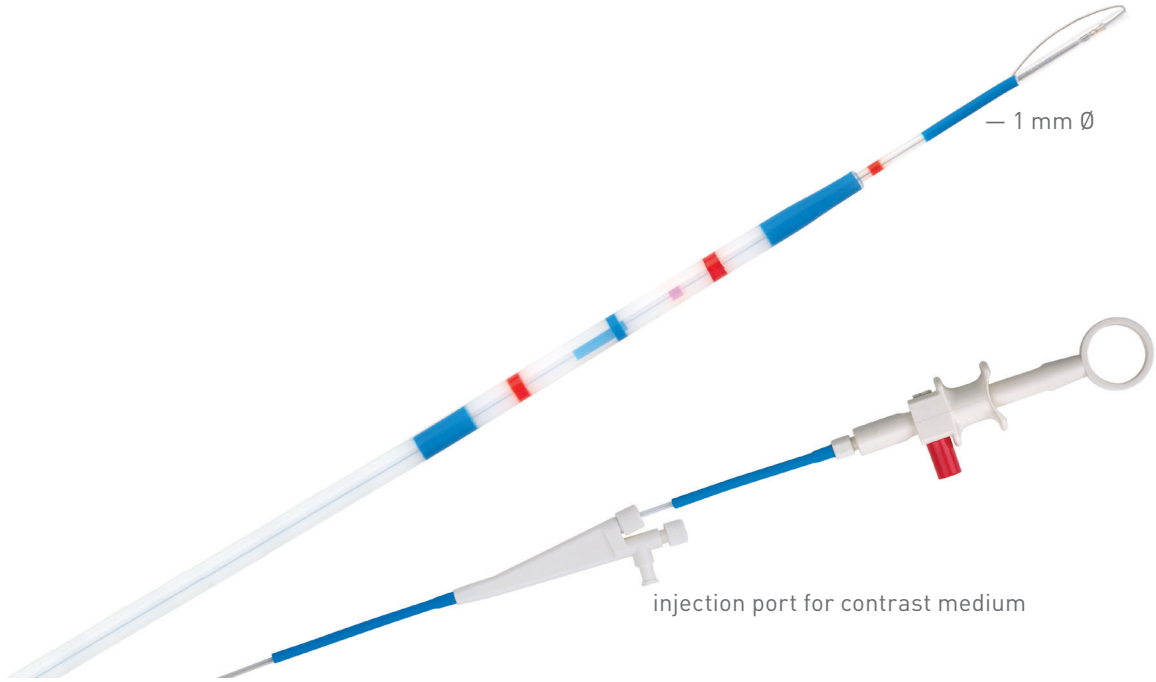
precut



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

PAPILLOTOMES “EASY-CUT-SET“

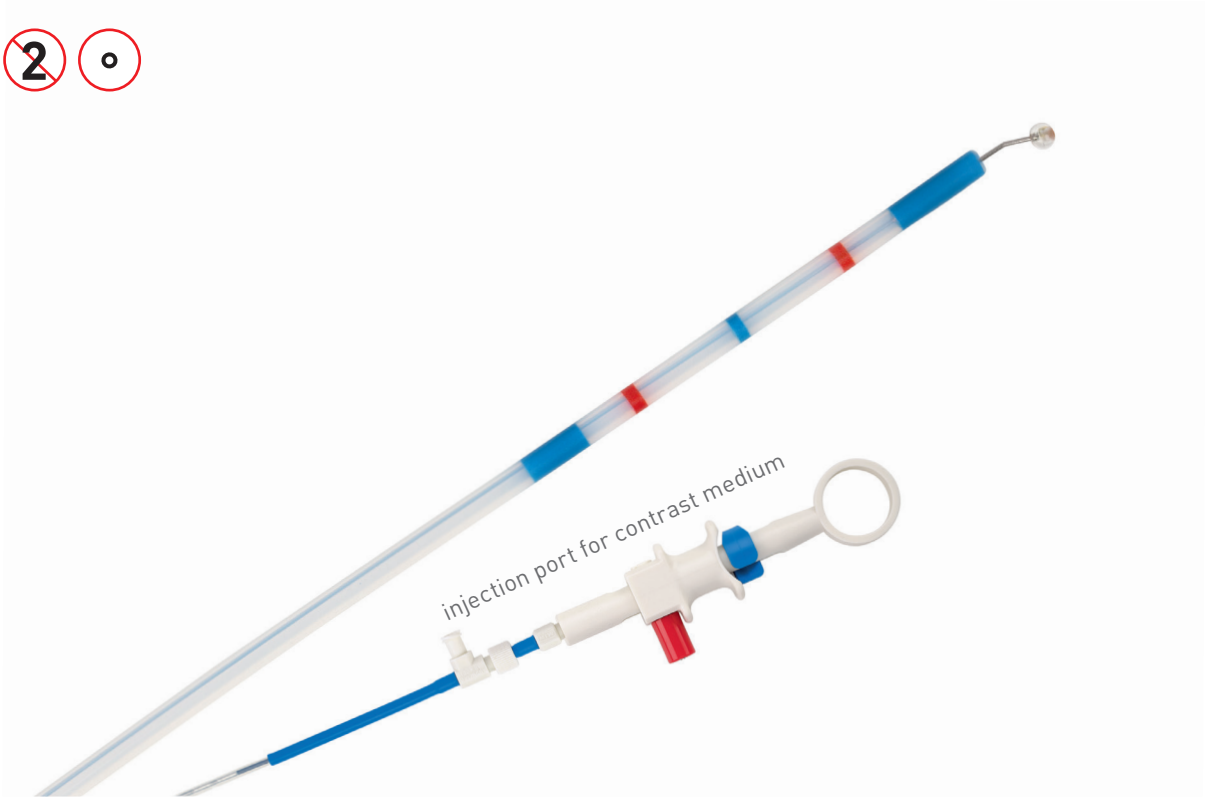
- “Easy-Cut-Set“, papillotome, precut, in filiform catheter



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, trans-parent with ring marking	2,3	230	1

PAPILLOTOME

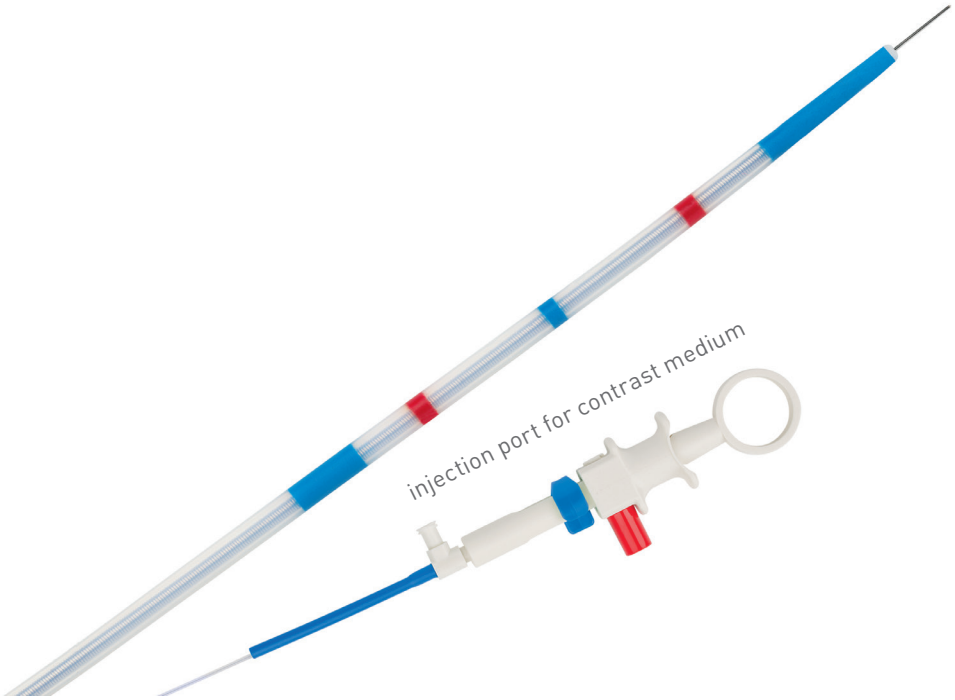
"Angulotome"



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

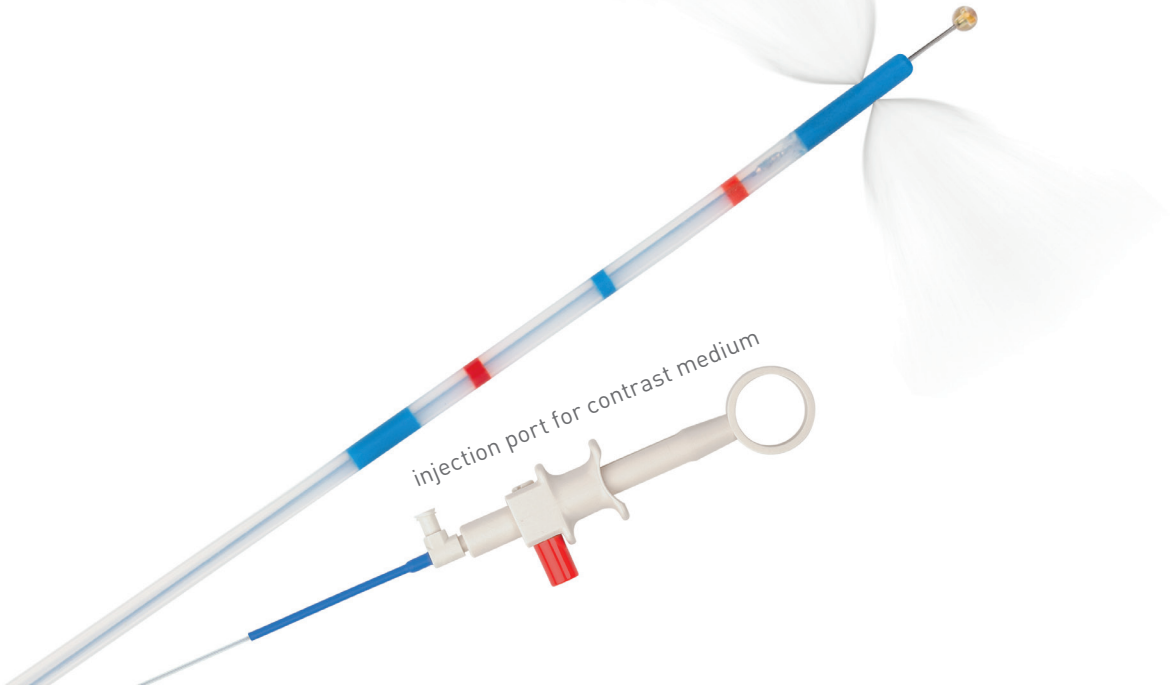


Order no.	Article no.	Cutting length mm	Diameter mm	Length cm	PU
99020111 x5	99020111	4	1,6	215	5
99020121 x5	99020121	6	1,6	215	5

Figure shows article REF 99020121

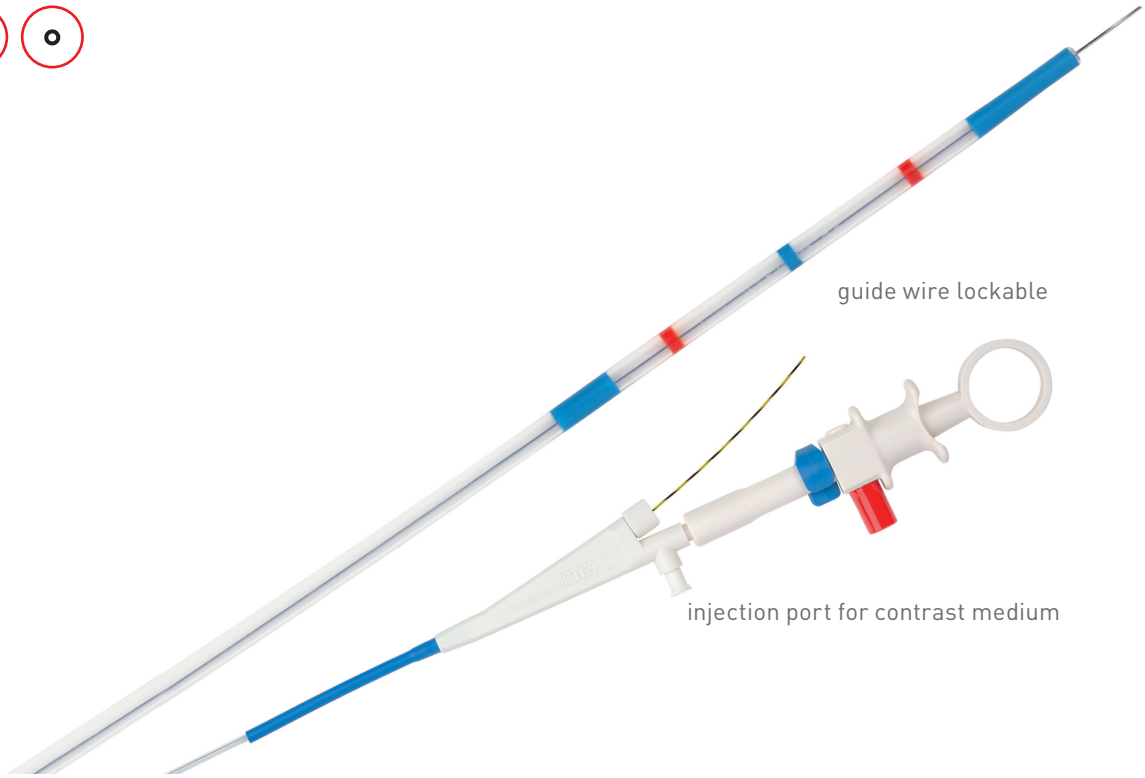
PAPILLOTOME

"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

PAPILLOTOME, NEEDLES & PAPILLOTOME, KNIFE

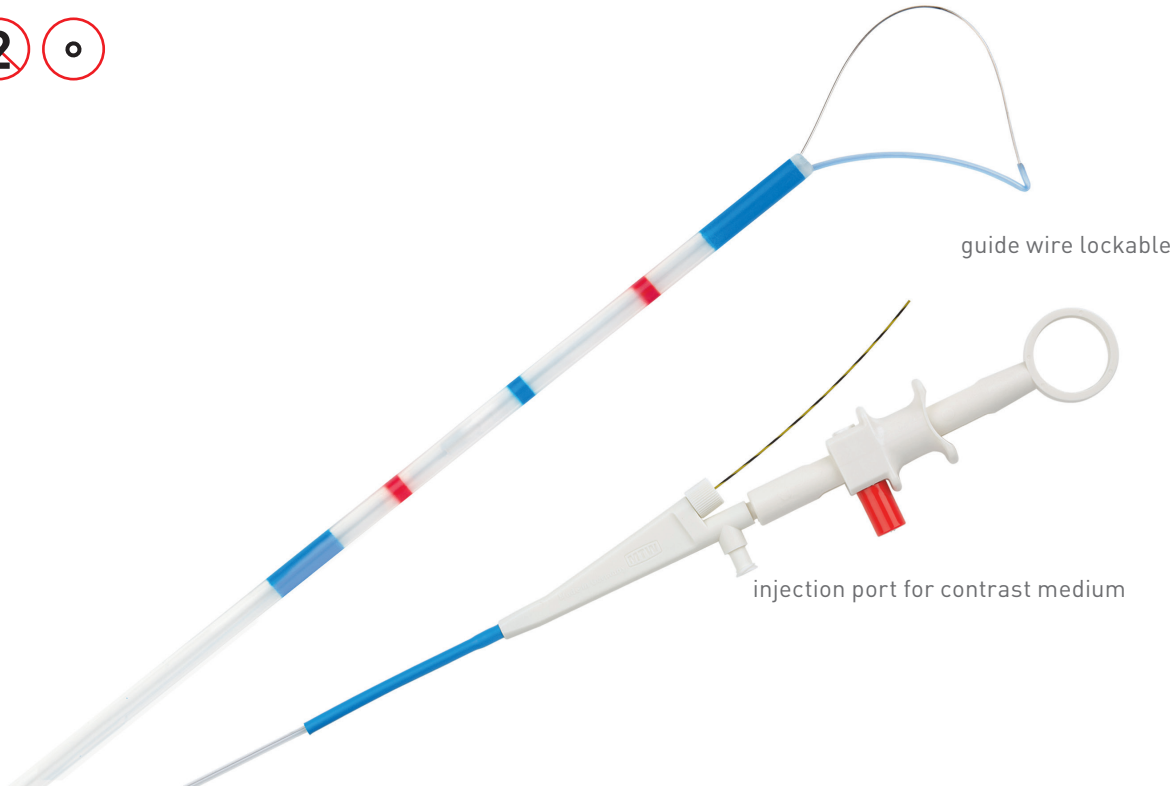


Order no.	Article no.	Papillotome type	Cutting length mm	For guide wire inch	Diameter mm	Length cm	PU
99023121 x5	99023121	needle	6	0.035	2,3 > 1,8	215	5
9913023121	9913023121	needle	6	0.035	2,3 > 1,8	250	1
99023131 x5	99023131	knife	6	0.035	2,3 > 1,8	215	5

Figure shows article REF 99023121

PAPILLOTOMES

for B-II-stomach

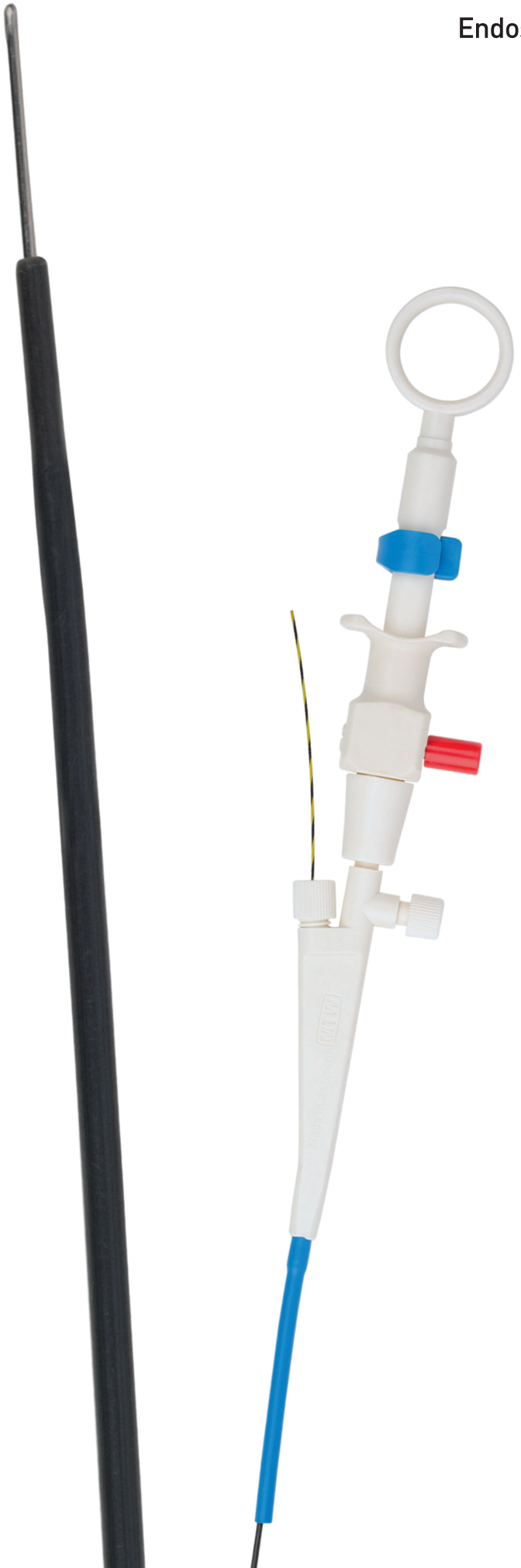


Order no.	Article no.	For guide wire inch	Maximum cutting arc mm	Diameter mm	Length cm	PU
99023161 x5	99023161	0.035	20	2,3	215	5
9913023161	9913023161	0.035	20	2,3	250	1

Figure shows article REF 99023161

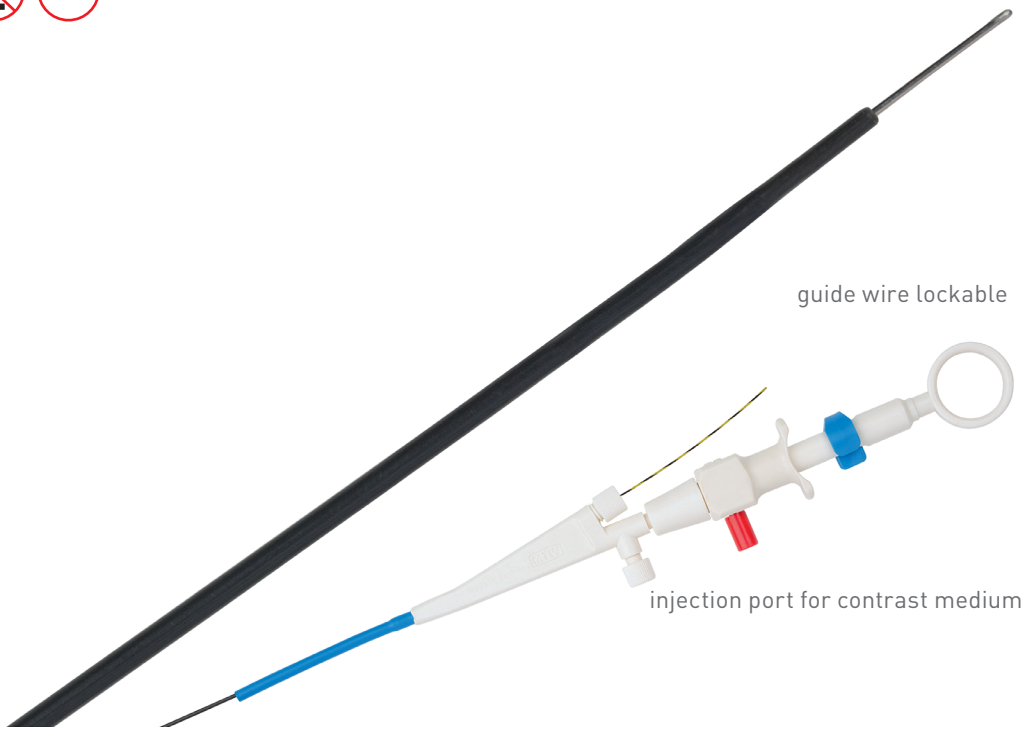
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CYSTOSTOME



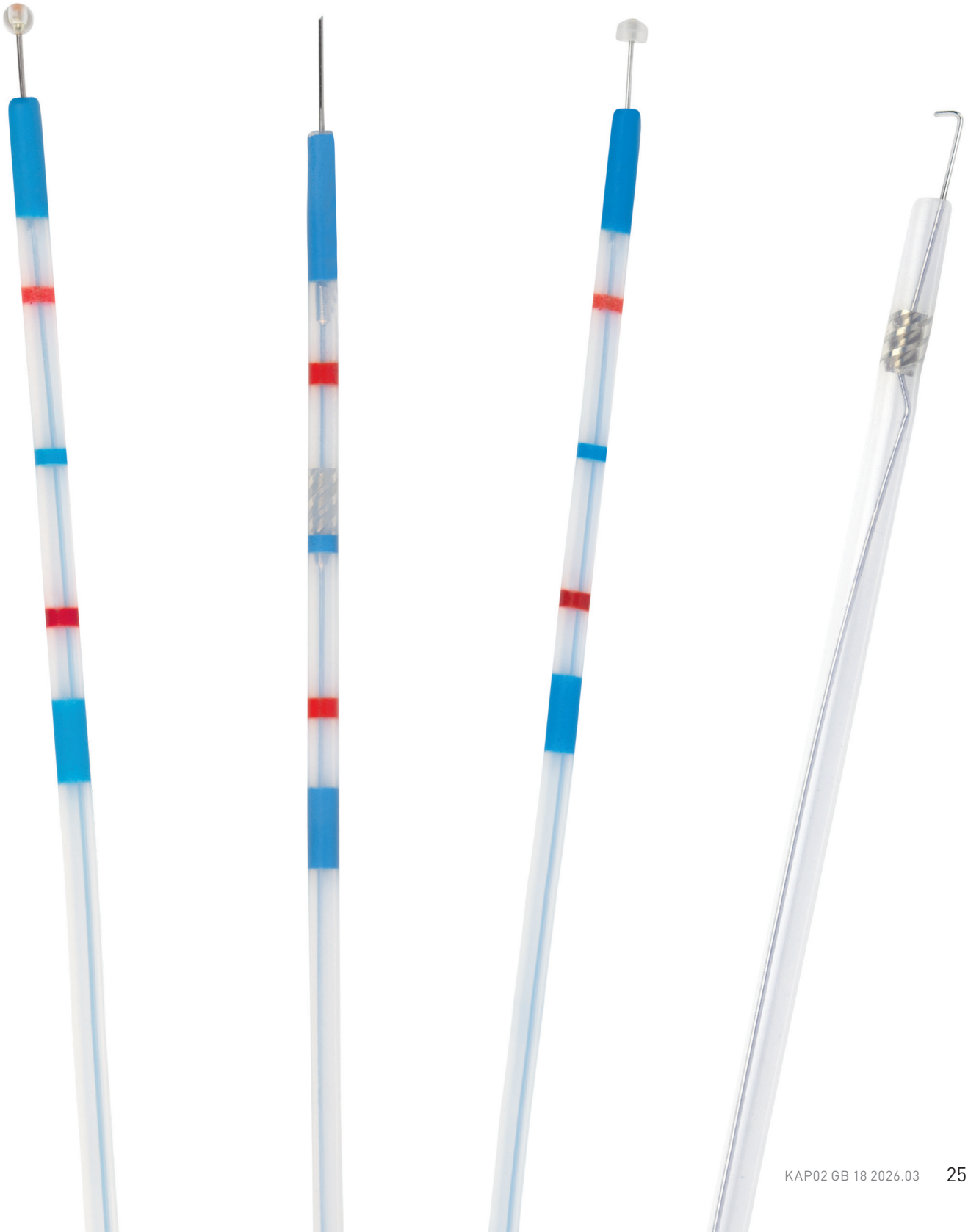
CYSTOSTOME

filiform



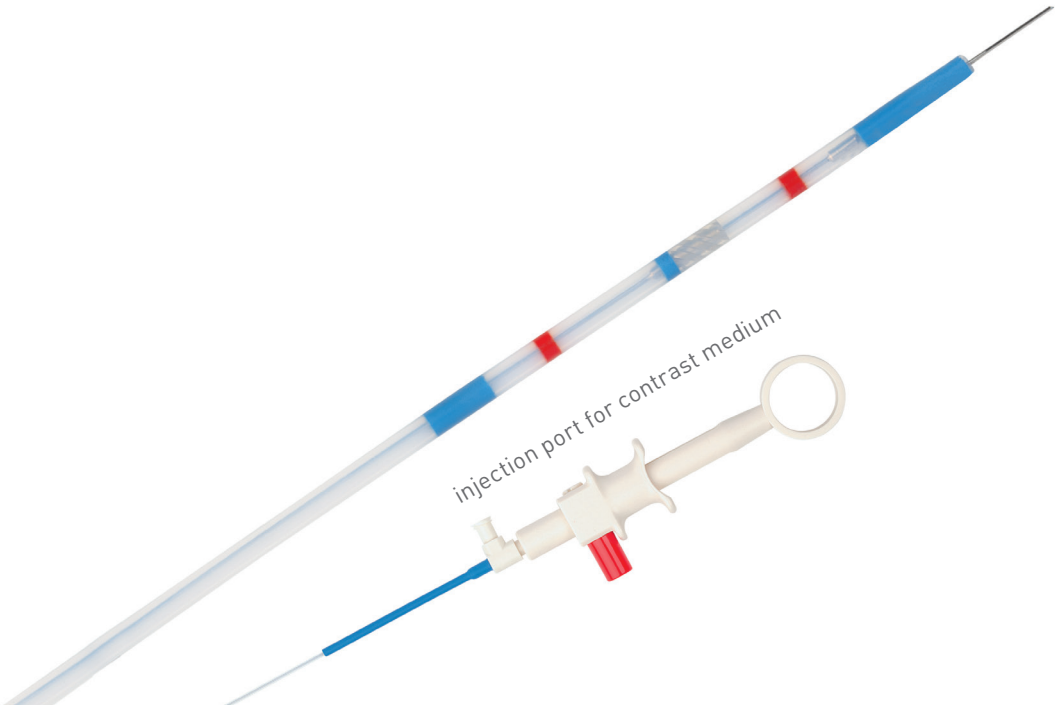
Order no.	Article no.	Needle diameter mm	Needle length mm	For guide wire inch	Diameter mm	Length cm	PU
99023892 x2	99023892	0,6	10	0.035	1,7	200	2

ESD-KNIVES



ESD-KNIVES

type “a“ (needle),

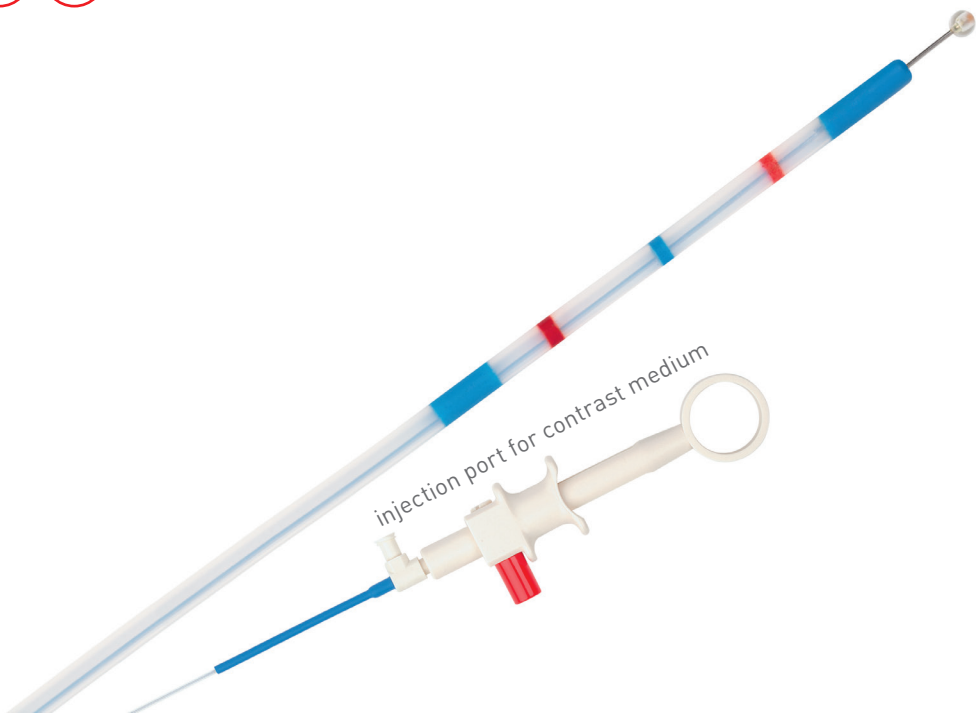


Order no.	Article no.	Needle diameter mm	Needle length mm	Diameter mm	Length cm	PU
99020211	99020211	0,4	6	1,6	185	1

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ESD-KNIFE

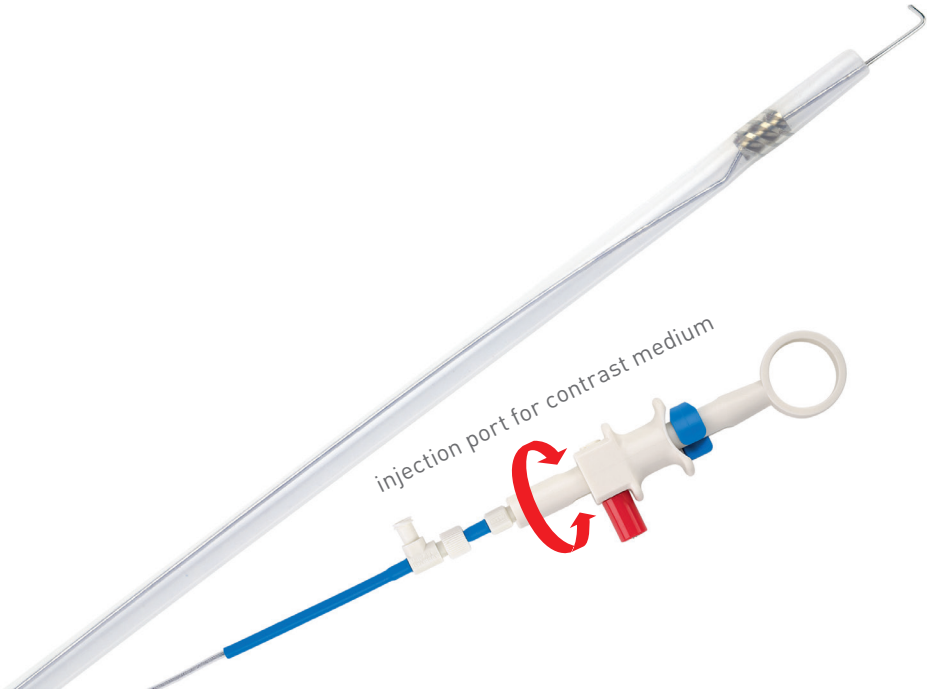
type “b“ (ball)



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

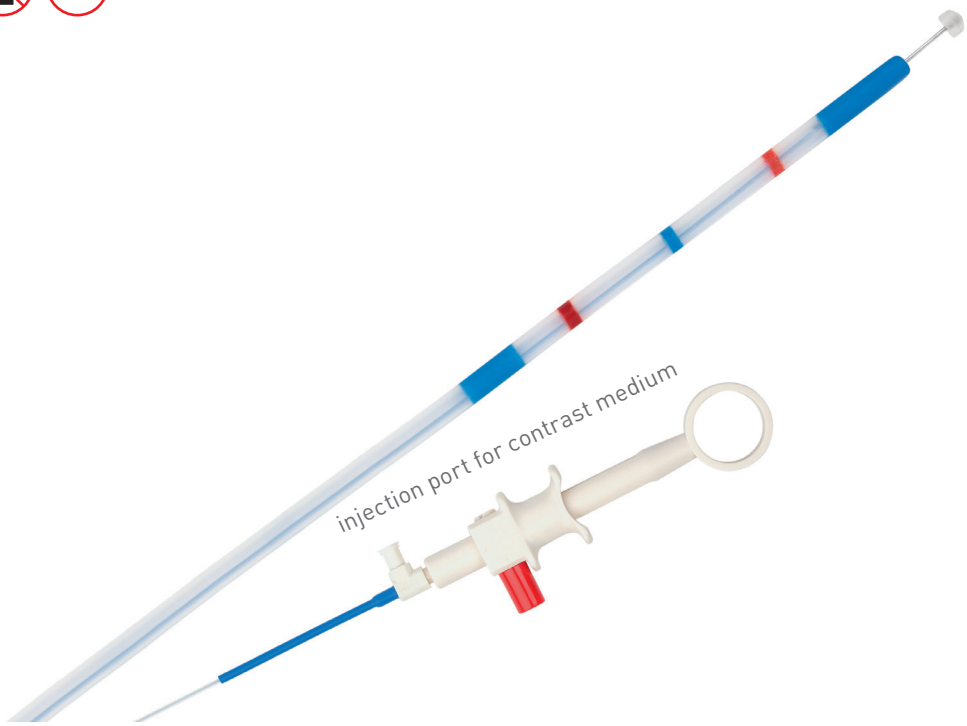
type “c“ (hook)



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

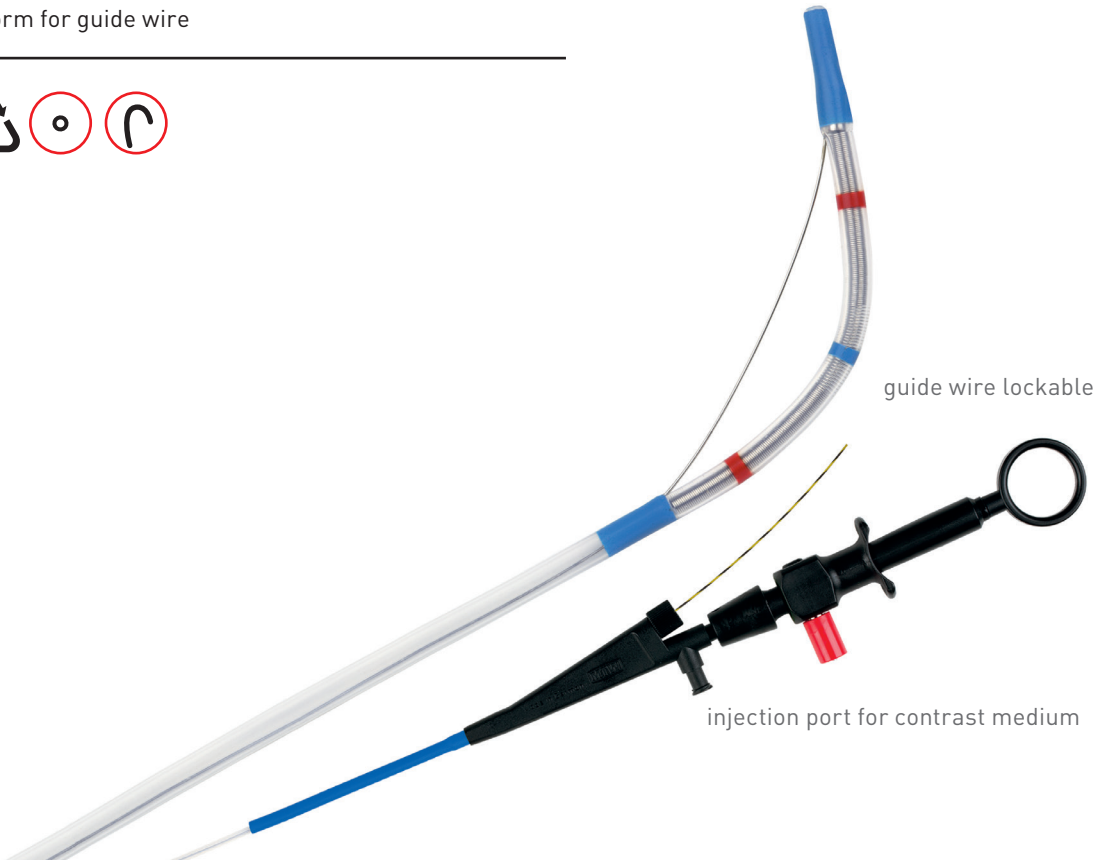
type “e“ (hemisphere)



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

PAPILLOTOMES

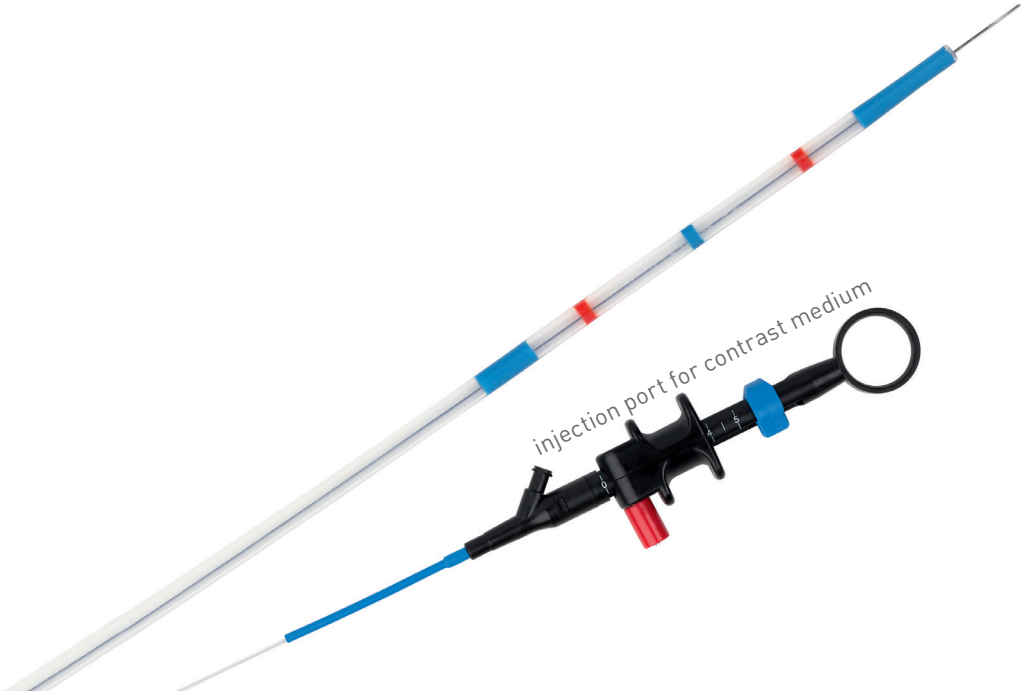
filiform for guide wire



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
BALLOON CATHETERS

03

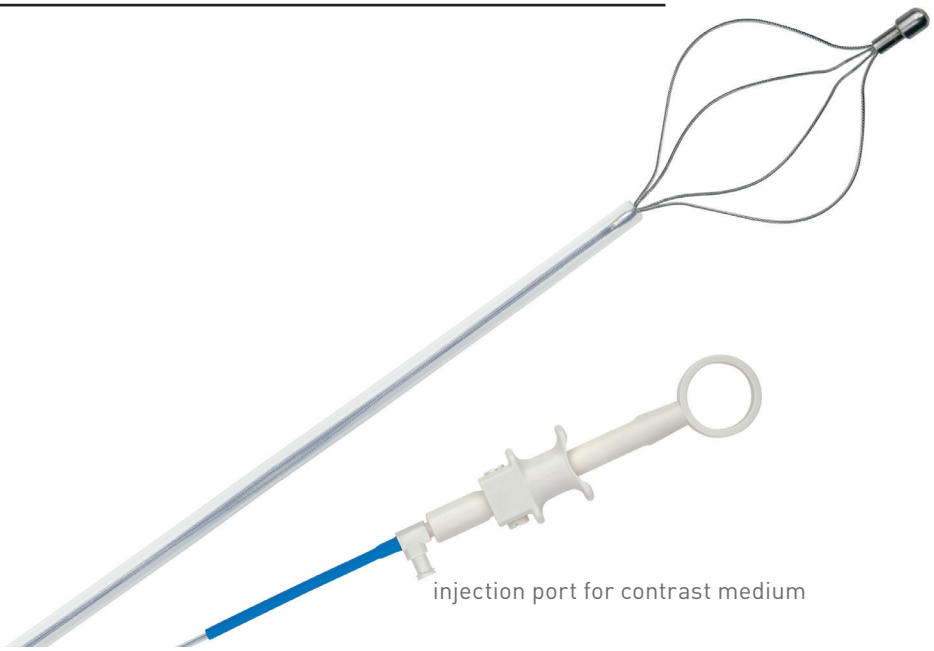
BASKETS



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LITHOTOMY BASKETS “EASY-CATCH“

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

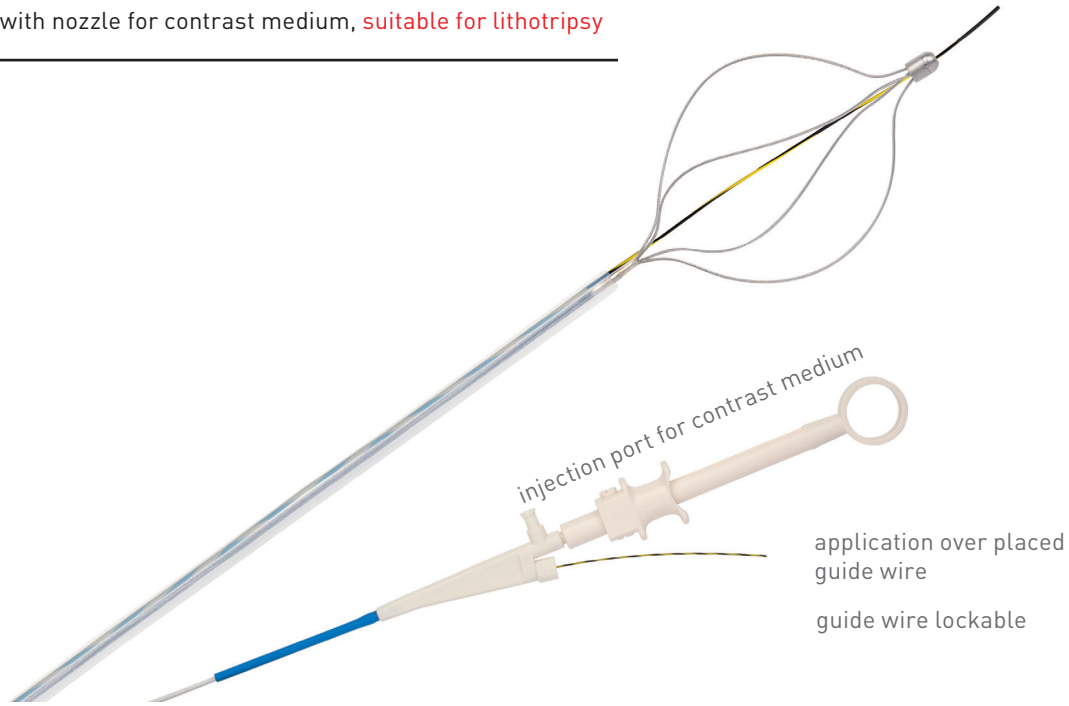


Order no.	Article no.	Basket expanded dimension mm		Basket type	Diameter mm	Length cm	PU
		Opening width	Opening length				
9903103404 x5	9903103404	20	30	slightly turned	2,6	215	5
9903103504 x5	9903103504	25	40	slightly turned	2,6	215	5
9903103604 x5	9903103604	30	45	slightly turned	2,6	215	5
9903103704 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



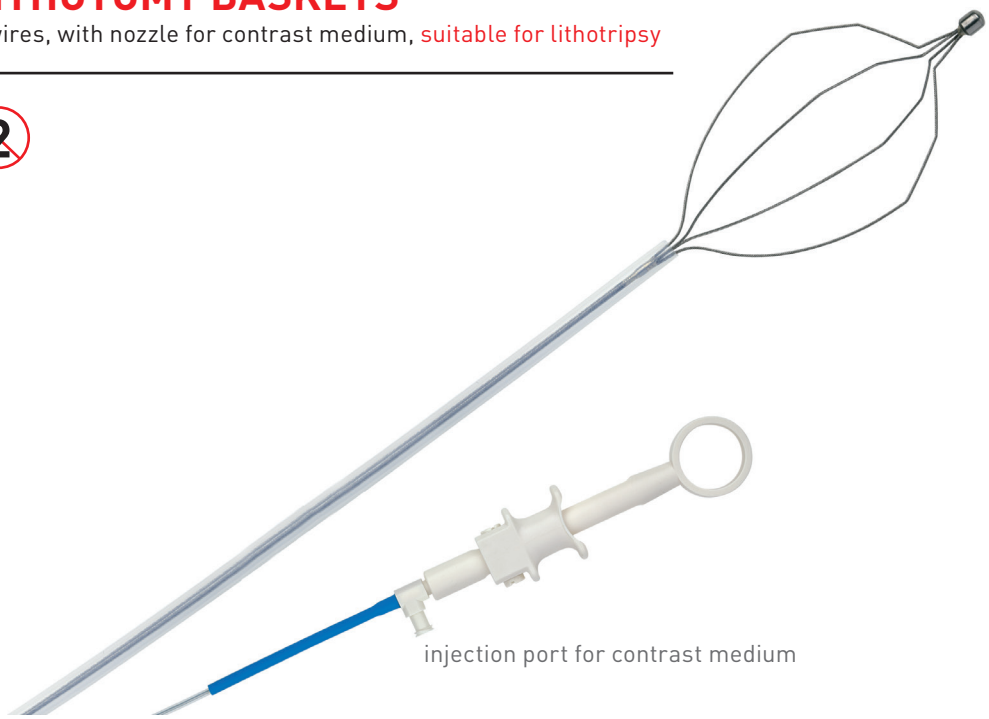
Order no.	Article no.	Basket expanded dimension mm		Basket type	For guide wire inch	Diameter mm	Length cm	PU
		Opening width	Opening length					
9903102324 x2	9903102324	15	25	slightly turned	0.025	1,8	215	2
9903102424 x2	9903102424	20	30	slightly turned	0.025	1,8	215	2
9903104433 x2	9903104433	20	30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

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LITHOTOMY BASKETS

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

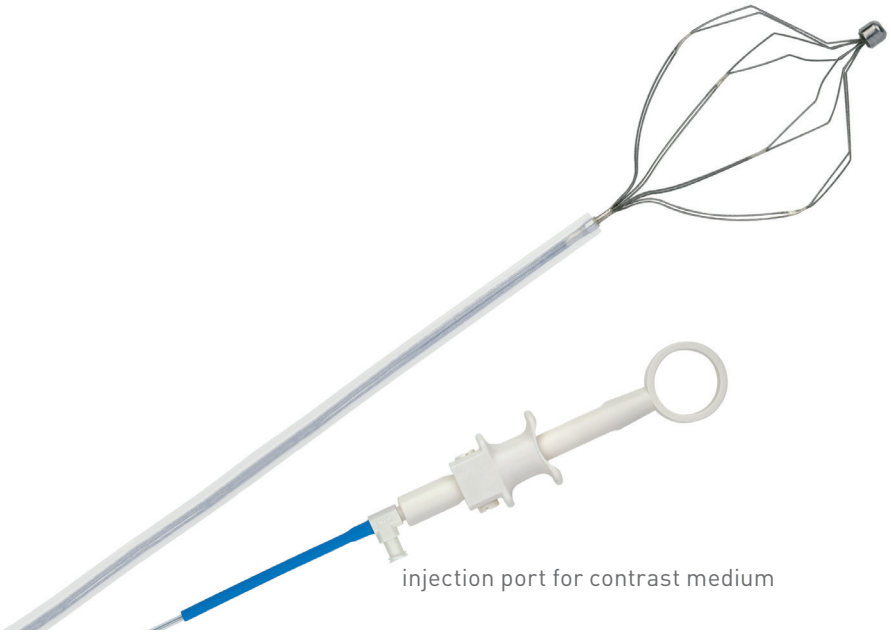


Order no.	Article no.	Basket expanded dimension mm		Basket type	Diameter mm	Length cm	PU
		Opening width	Opening length				
9903112104 x5	9903112104	10	20	straight	1,8	215	5
9903112304 x5	9903112304	15	25	straight	1,8	215	5
9903112404 x5	9903112404	20	30	straight	1,8	215	5
9903112504 x5	9903112504	25	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

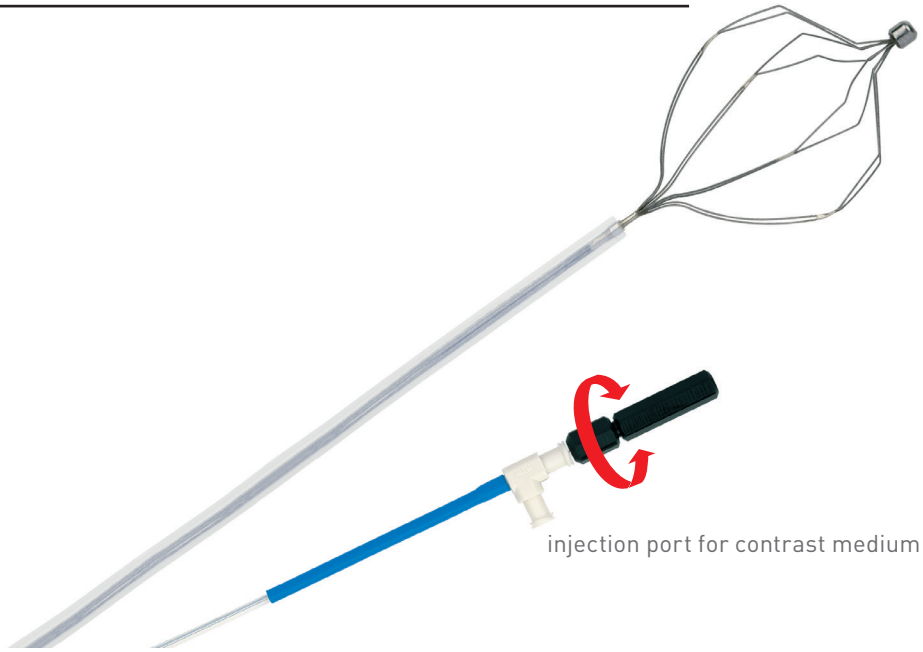
4 to 8 wires, twisted with nozzle for contrast medium, **not** suitable for lithotripsy



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

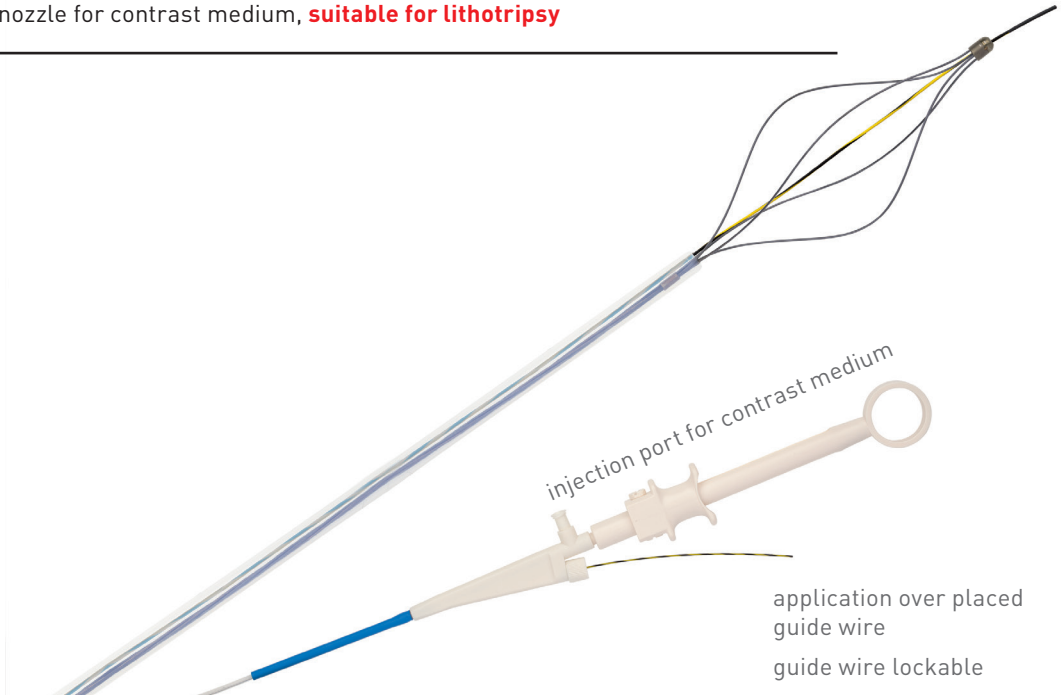
4 to 8 wires, rotatable, with nozzle for contrast medium, **not** suitable for lithotripsy



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**



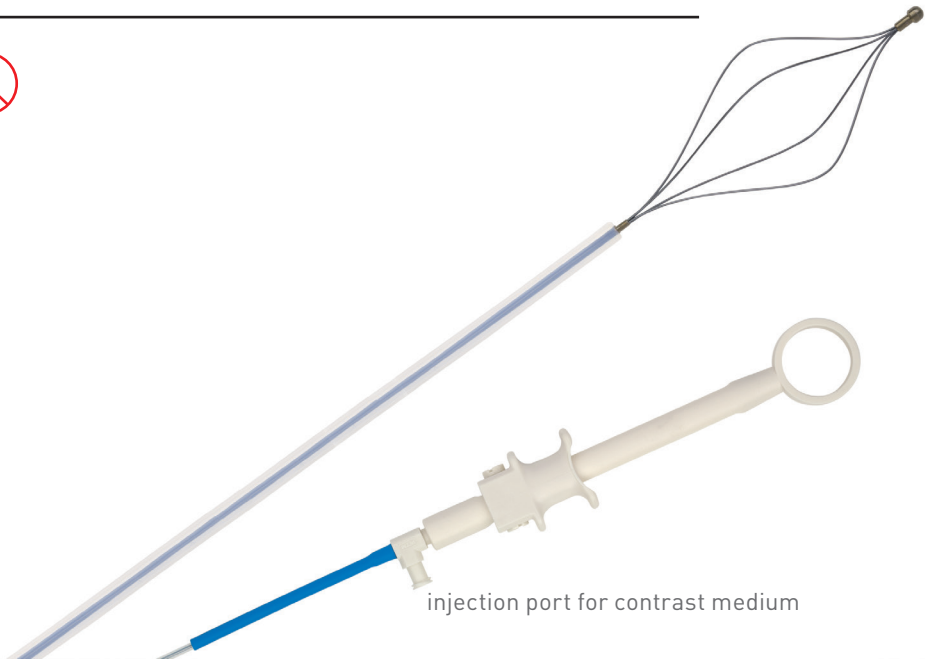
Order no.	Article no.	Basket expanded dimension		Basket type	For guide wire inch	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm					
9903163432 x2	9903163432	25	40	turned	0.035	2,9	215	2
9903163632 x2	9903163632	30	45	turned	0.035	2,9	215	2
9903163832 x2	9903163832	40	55	turned	0.035	2,9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

Figure shows article REF 9903163632

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LITHOTOMY BASKETS, NITINOL

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

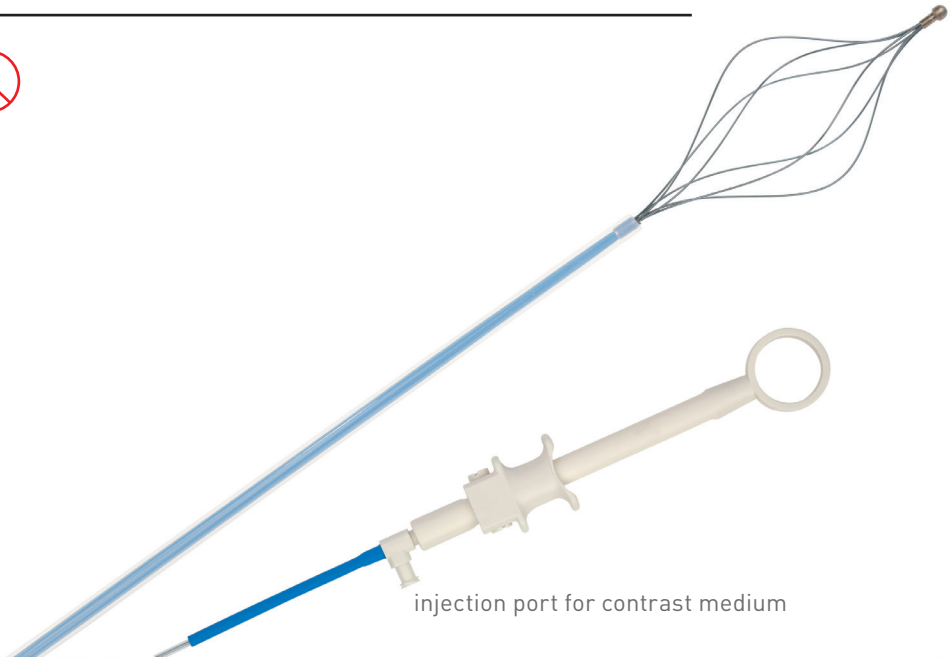


Order no.	Article no.	Basket expanded dimension		Basket type	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm				
9903112302 x2	9903112302	15	25	straight	1,8	215	2
9903112402 x2	9903112402	20	30	straight	1,8	215	2
9903112502 x2	9903112502	25	40	straight	1,8	215	2
9903112602 x2	9903112602	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

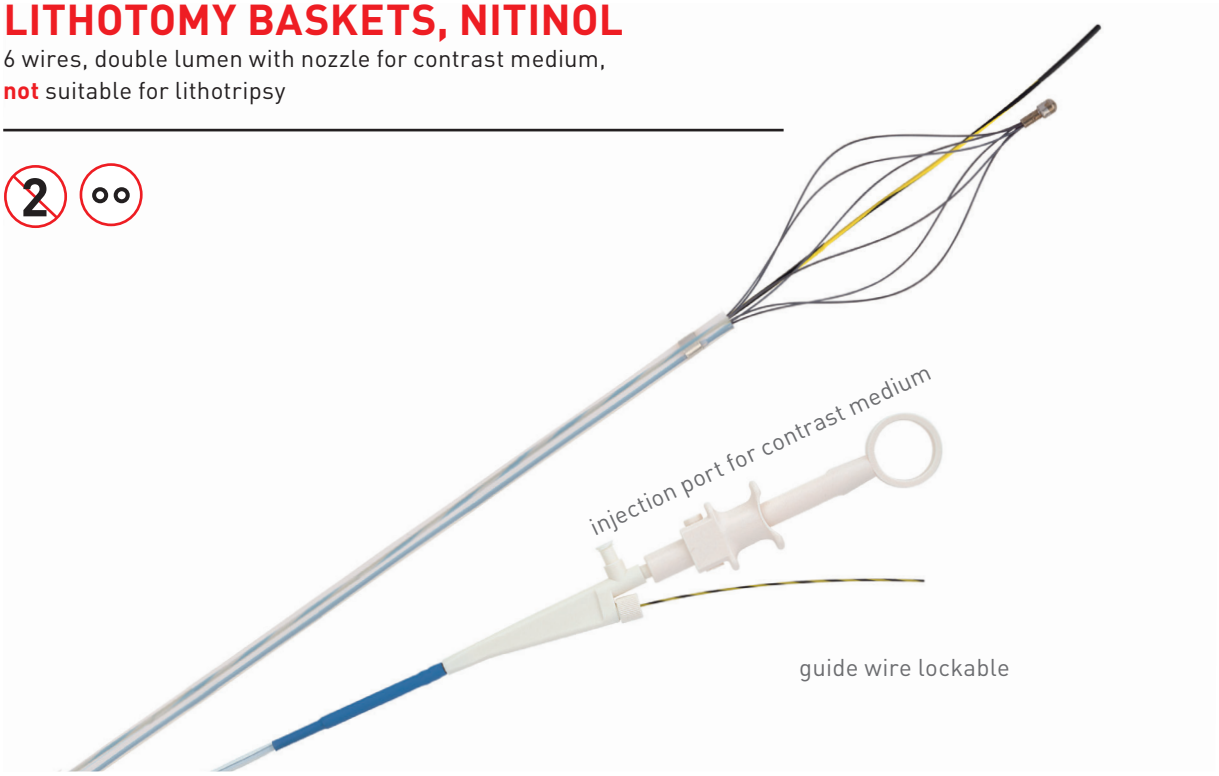


Order no.	Article no.	Basket expanded dimension		Basket type	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm				
9903122303 x2	9903122303	15	25	turned	1,8	215	2
9903122403 x2	9903122403	20	30	turned	1,8	215	2
9903122503 x2	9903122503	25	40	turned	1,8	215	2
9903122603 x2	9903122603	30	45	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

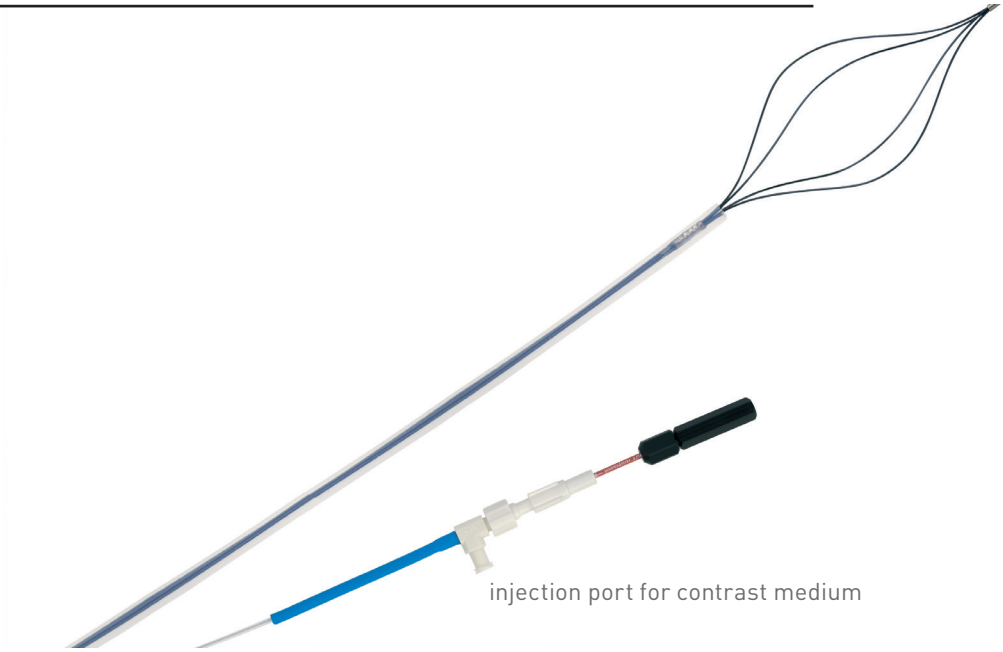


Order no.	Article no.	Basket expanded dimension		Basket type	For guide wire inch	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm					
9903116332 x5	9903116332	15	25	turned	0.035	2,7	215	5
9903116432 x5	9903116432	20	30	turned	0.035	2,7	215	5
9903116532 x5	9903116532	25	40	turned	0.035	2,7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

Figure shows article 9903116432

LITHOTOMY BASKET “MICRO-CATCH“, NITINOL

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

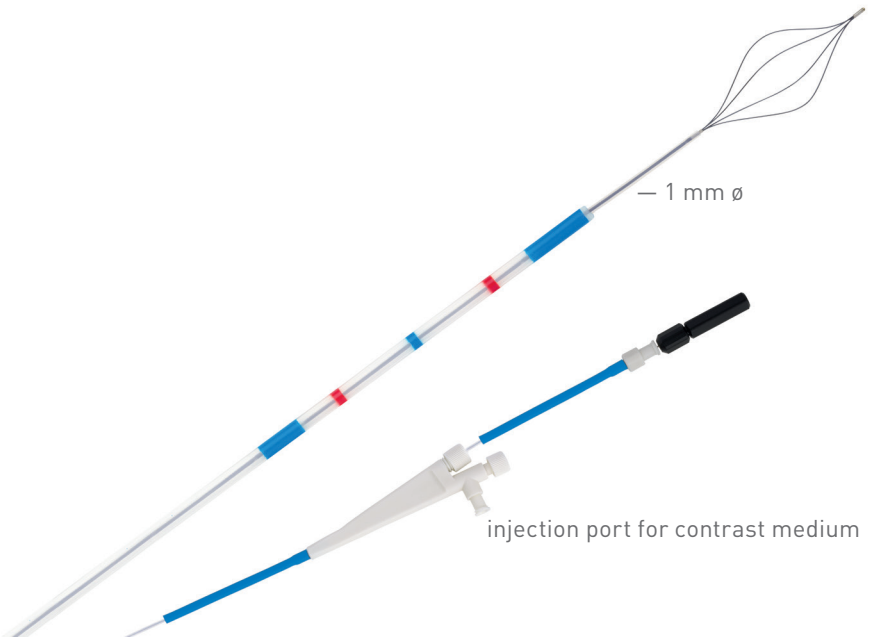


Order no.	Article no.	Basket expanded dimension		Basket type	Diameter mm	Length cm	PU
		Opening width mm	Opening length mm				
9903121102 x2	9903121102	15	30	straight	1,0	240	2

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LITHOTOMY BASKET “MINI-CATCH-SET“, NITINOL

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



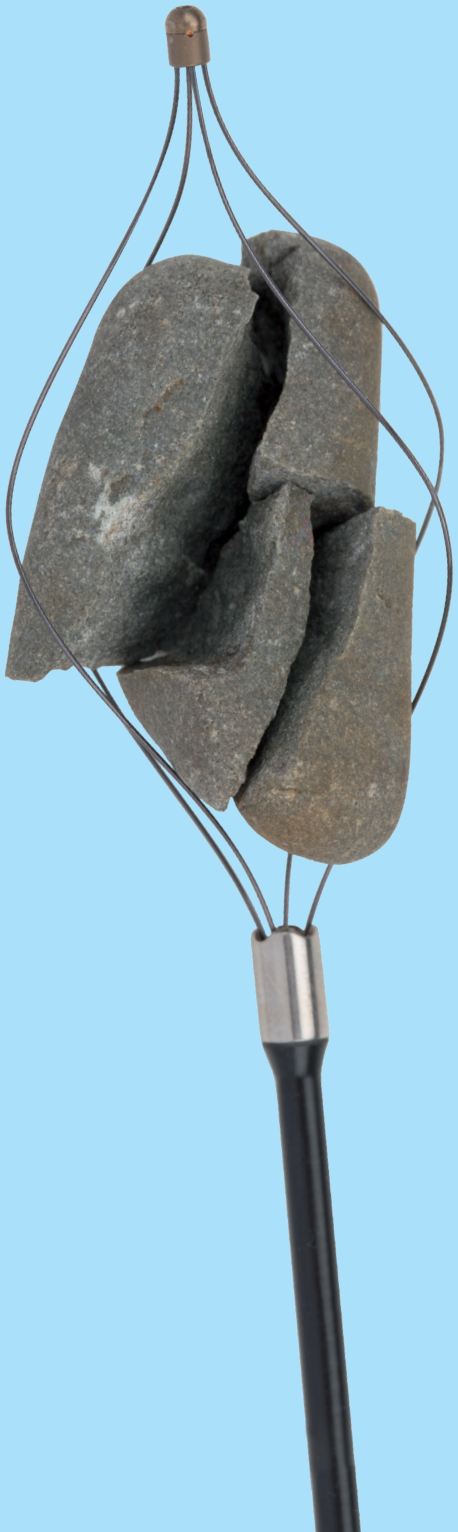
Order no.	Article no.	Basket expanded dimension		Basket type	Guide wire for ERCP-Catheter inch	Diameter Basket mm	Diameter ERCP-Catheter mm	Length cm	PU
		Opening width mm	Opening length mm						
9903121209	9903121209	15	30	straight	0.035	1,0	2,3	200	1



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123 Stonecrusher

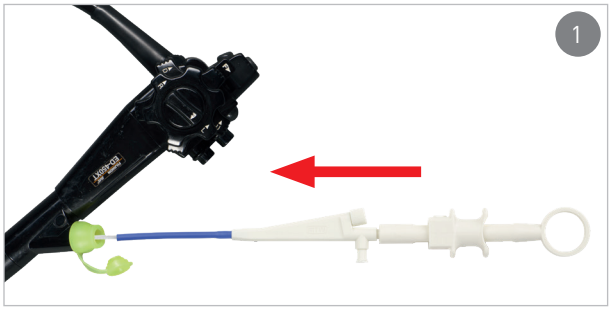
Transendoscopic stone crushing latest generation

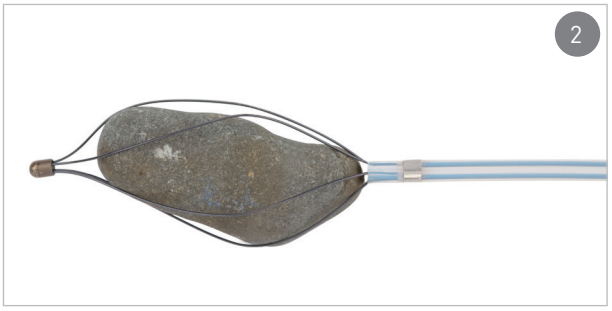


TEL
TRANSENDOSCOPIC
LITHOTRIPSY

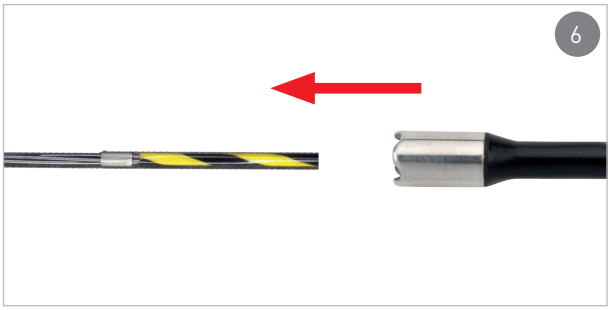
The principle of the transendoscopic lithotripsy in three steps

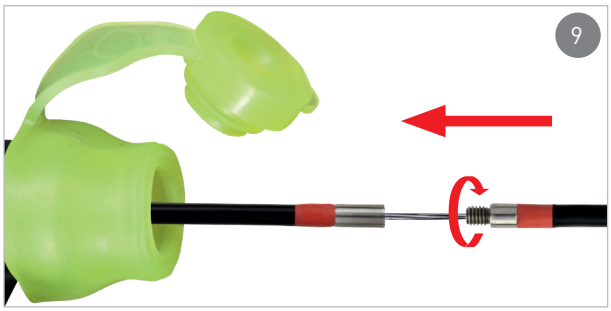
Should the stone extraction not succeed after a papillotomy a lithotripsy is necessary.
The newly designed 3-part metal tube mady by MTW-Endoskopie W. Haag KG allows a transendoscopic lithotripsy even with a lithotomy basket (working length =/>215 cm). An emergency lithotripsy without endoscopy is thus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

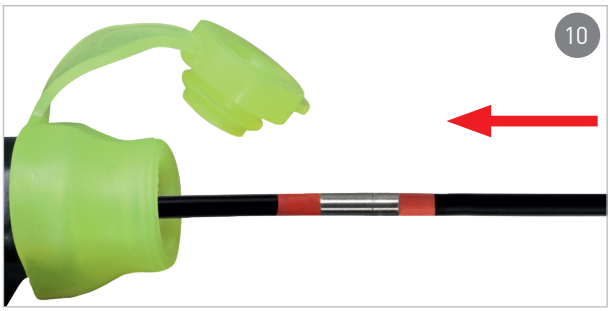


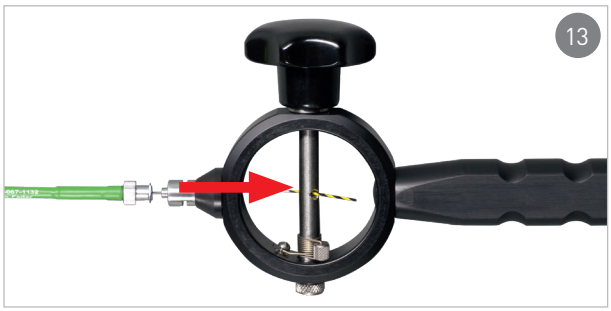


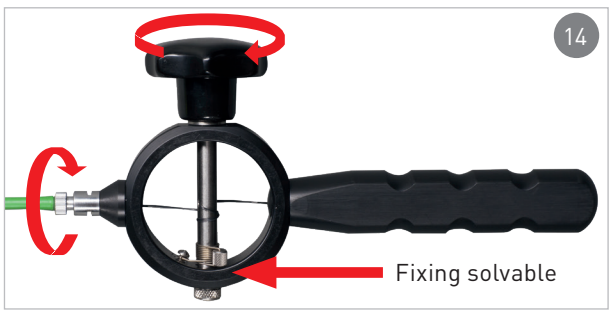






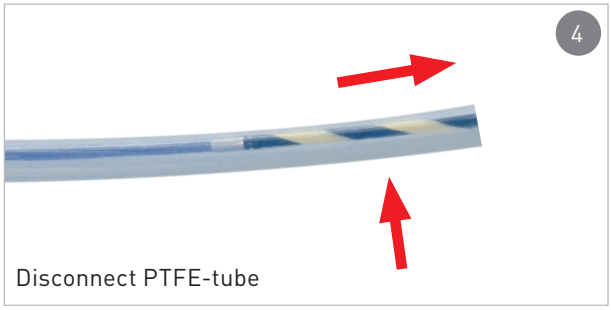


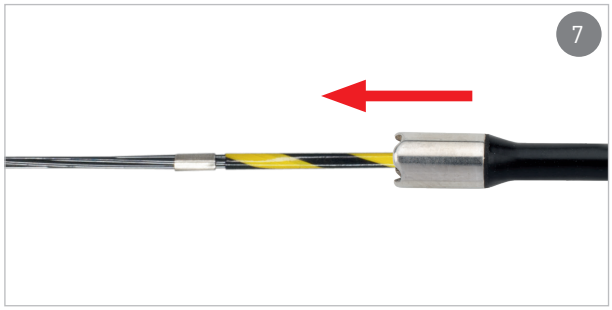




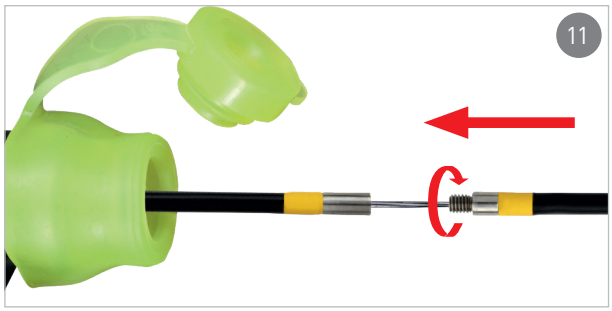
TEL
TRANSENDOSCOPIC
LITHOTRIPSY

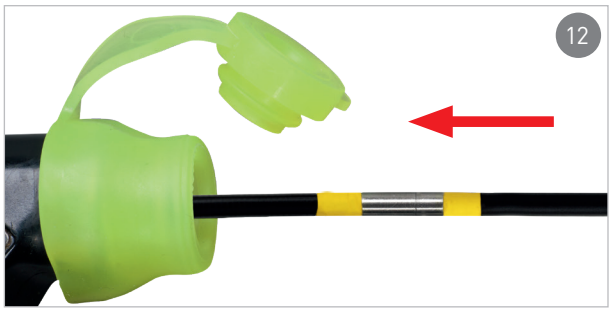
















Handle for lithotriptor



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

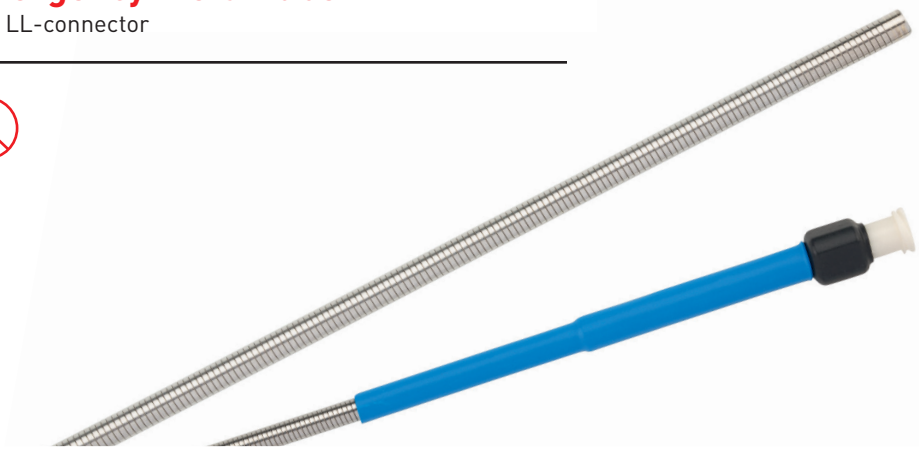
Metal tube, 3-part



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

Emergency metal tube

with LL-connector

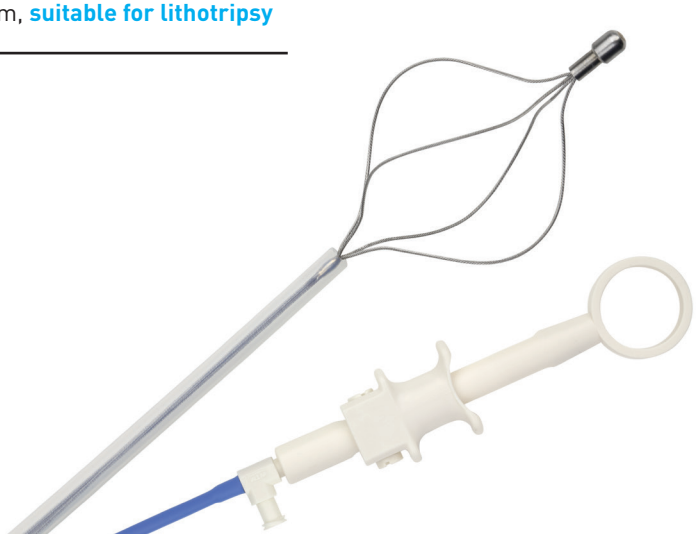


Order no.	Article no.	Diameter mm	Length cm	PU
9903307	9903307	3,8	100	1

Lithotomy baskets „Easy-Catch“

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

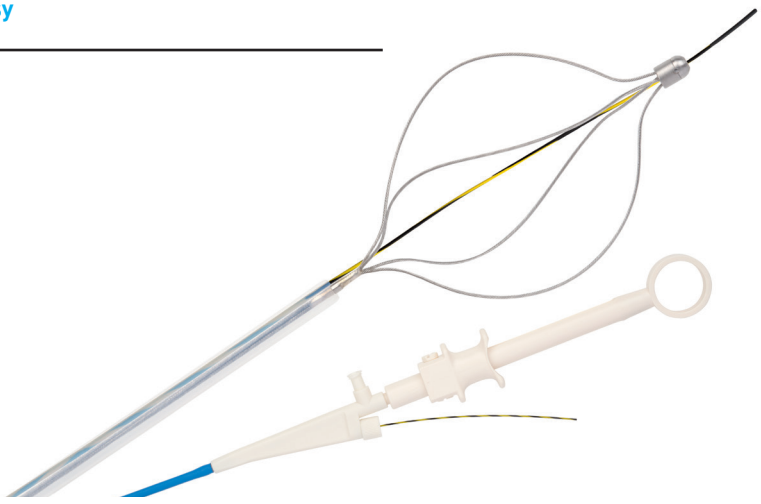
TEL TRANSENDOSKOPISCHE LITHOTRIPSIE



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“

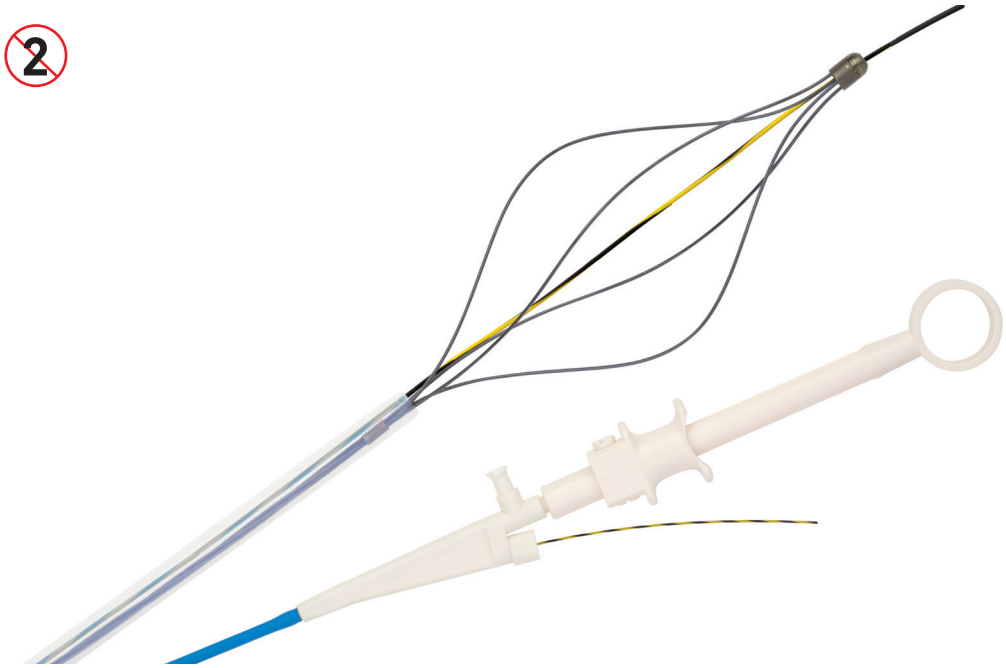
with nozzle for contrast medium, for **guide wire 0.035 inch**, **suitable for lithotripsy**



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

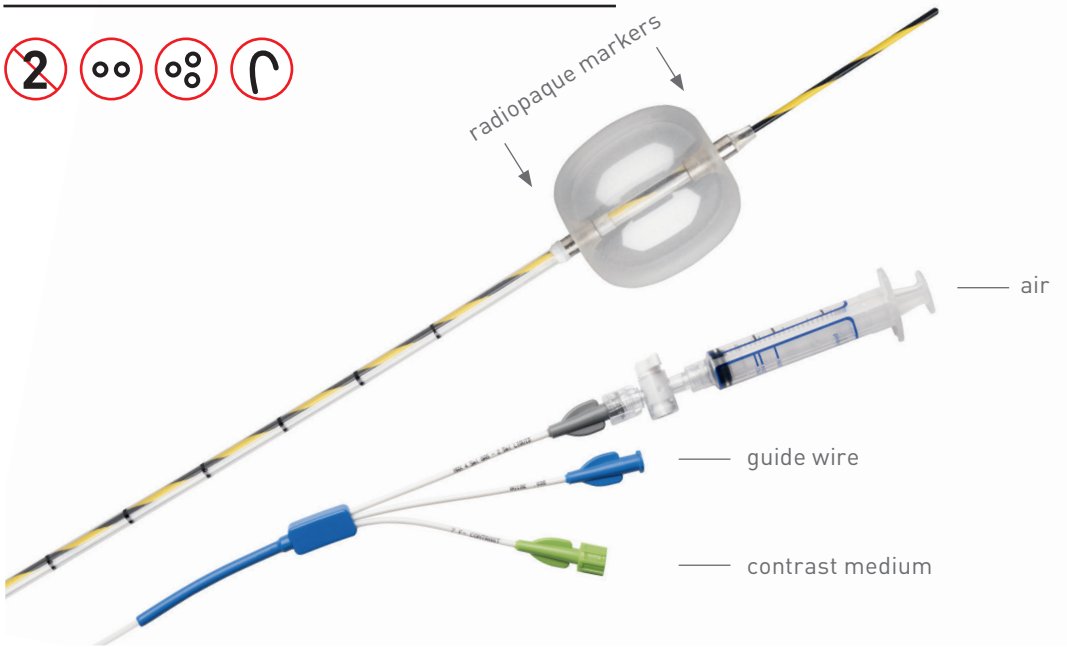
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BALLOON CATHETERS



BALLOON CATHETERS

for stone extraction



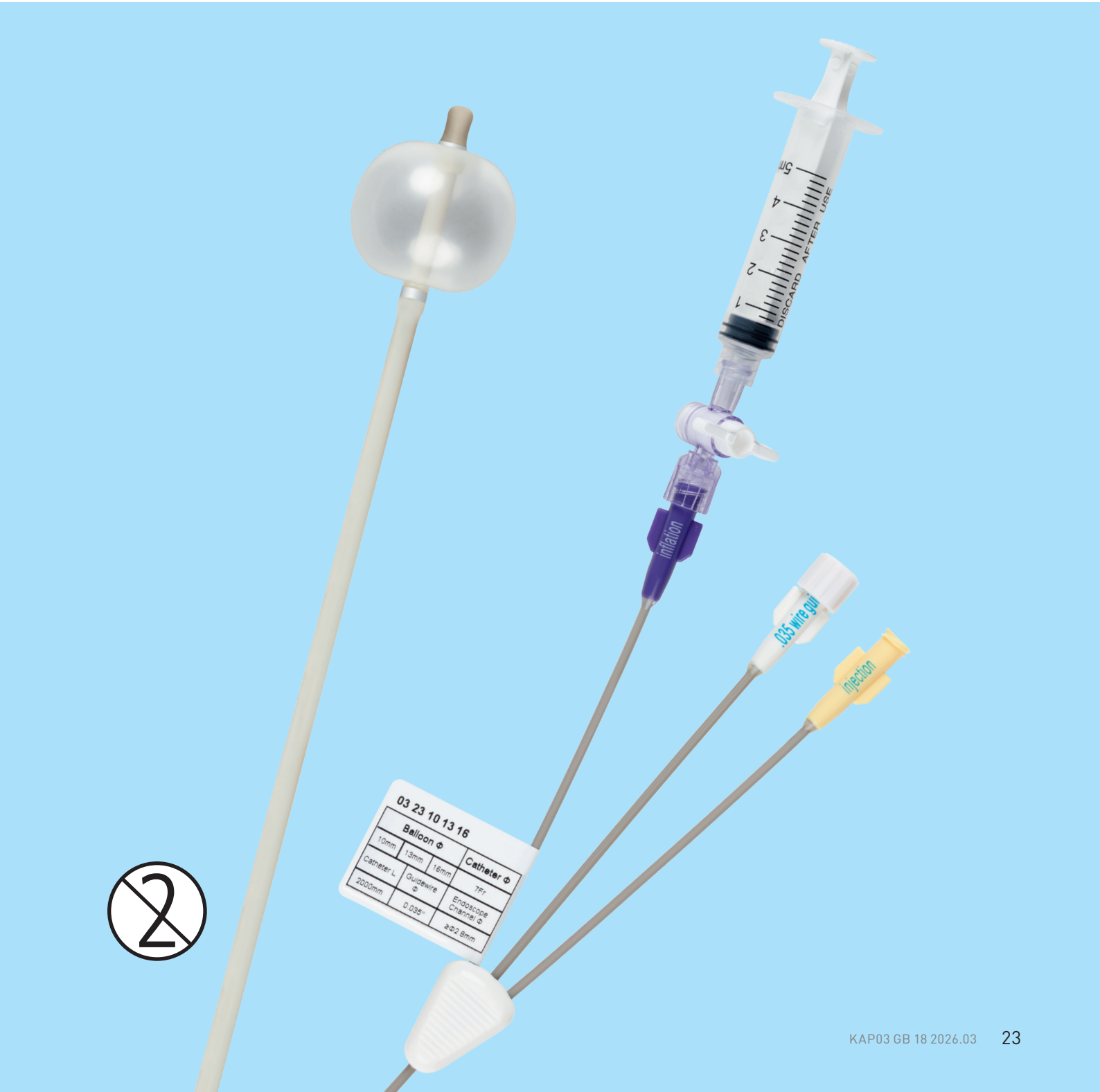
Order no.	Article no.	Balloon Ø mm	Description	Lumen	For guide wire inch	Diameter mm	Length cm	PU
AS0030520 x5	AS0030520	12	double lumen grey catheter		0.025	1,70	200	5
AS2040720 x5	AS2040720	16	double lumen grey catheter, tapered		0.035	2,40/1,70	200	5
AS1420720 x5	AS1420720	16	triple-lumen, transparent catheter		0.035	2,40	200	5
AS4560720 x5	AS4560720	16	triple-lumen, transparent catheter, tapered		0.035	2,40/1,70	200	5
AS4320720 x5	AS4320720	16	triple-lumen, transparent catheter		0.035	2,40	200	5
AS4320725 x2	AS4320725	16	triple-lumen, transparent catheter		0.035	2,40	250	2

Figure shows article REF AS1420720

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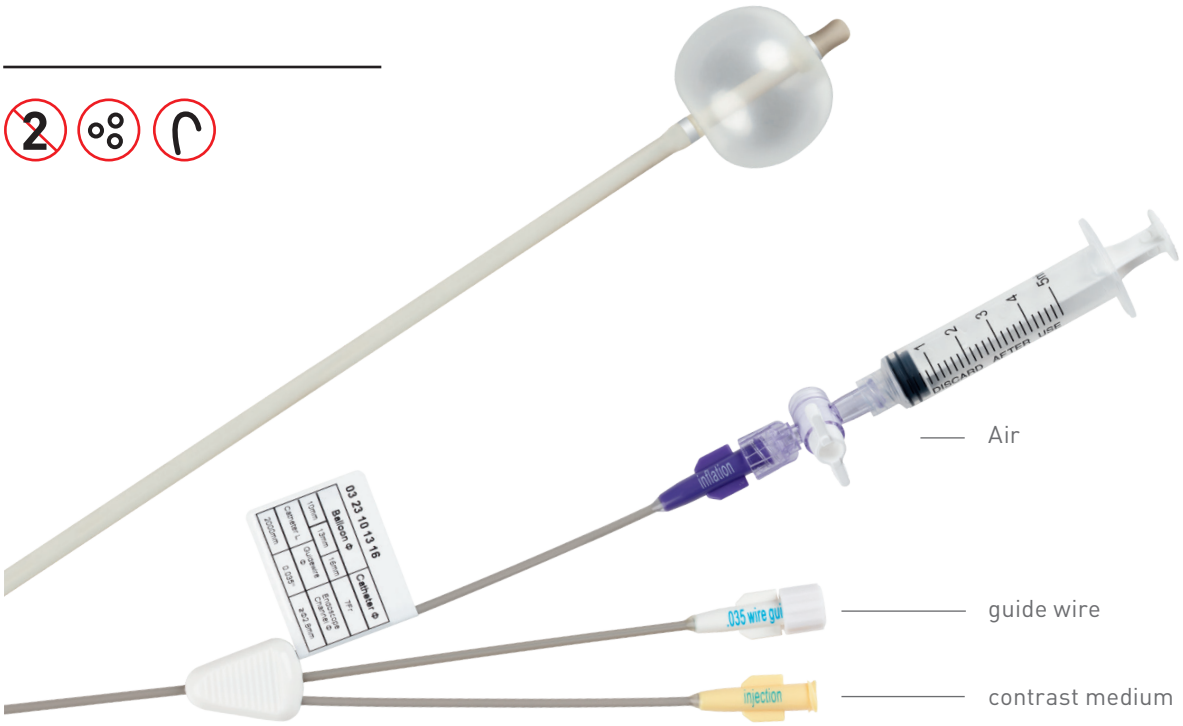
Ballon Catheters for stone extraction

Ballon-Ø 10/13/16 mm, 3 Lumen

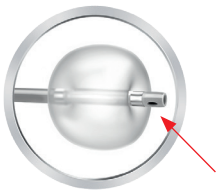



10.0
13.0
16.0
0.5
1
1.5
2
2.5
3m
1
2
3
4
5m
2
4
6
8
10m

3 LUMEN BALLON CATHETERS FOR STONE EXTRACTION



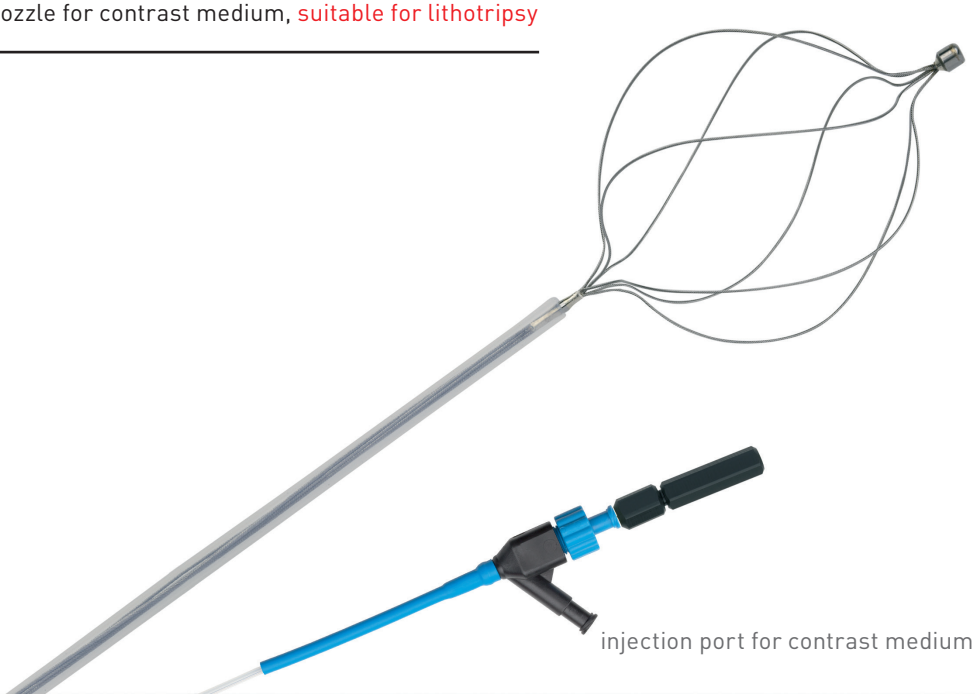
Order no.	Article no.	Lumen	For guide wire inch	Balloon Ø mm	Contrast medium output	PU
0323101316 x10	0323101316		0.035	10/13/16 mm	**distal**	10



Contrast medium output
distal

LITHOTOMY BASKET

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

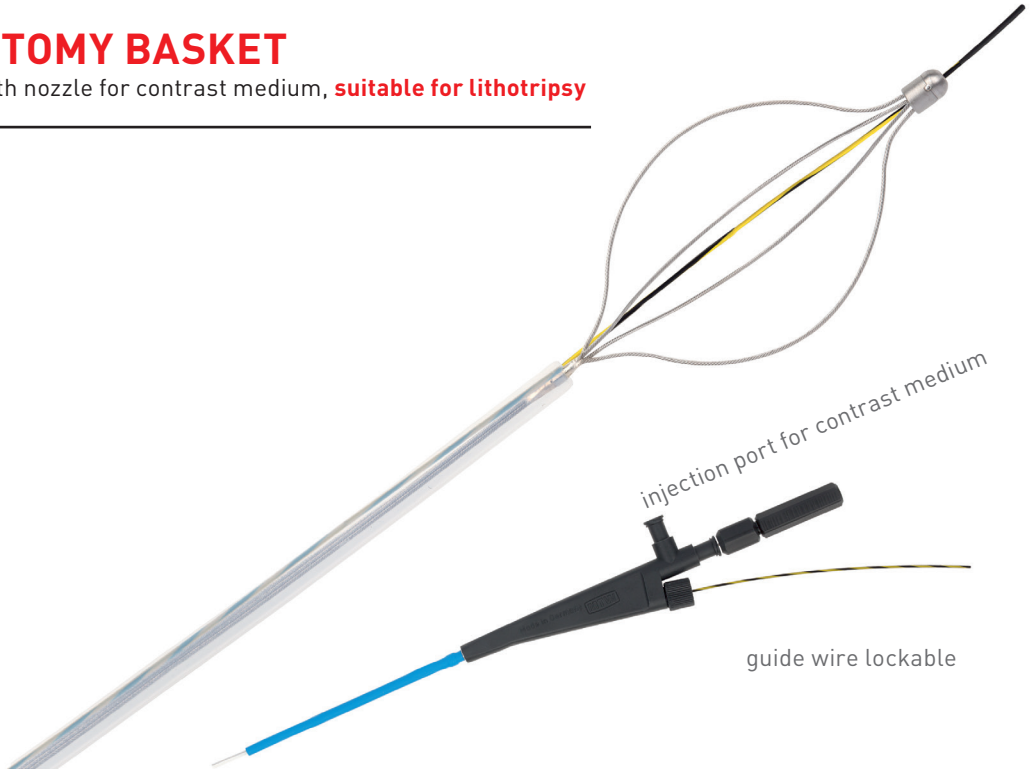


Order no.	Article no.	Basket expanded dimension mm		Basket type	Basket wire	Diameter mm	Length cm	PU
		Opening width	Opening length					
03123704	03123704	35	50	slightly turned	twisted	2,6	215	1

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LITHOTOMY BASKET

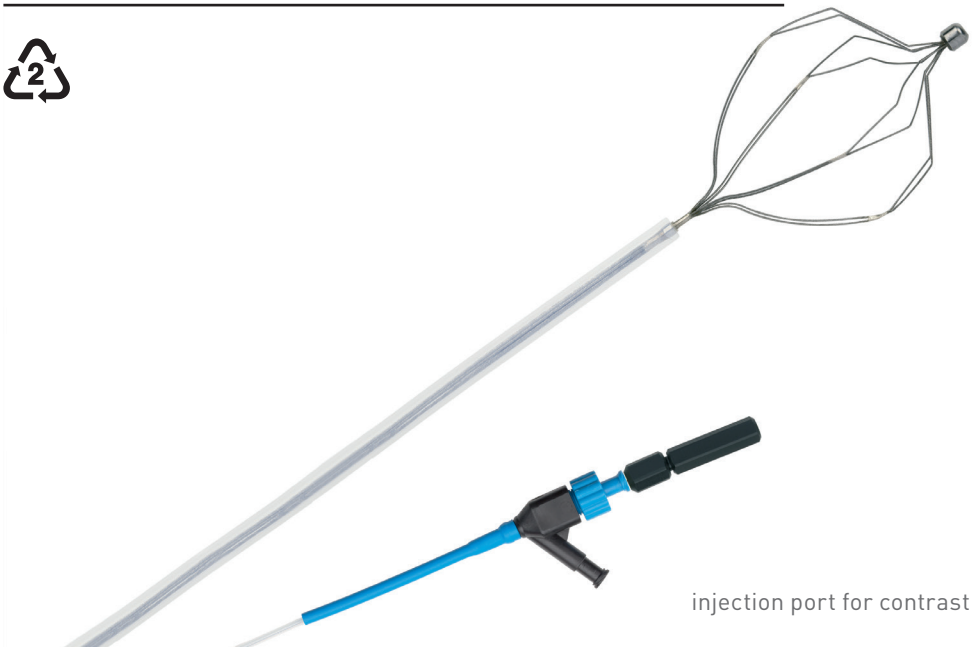
4 wires, with nozzle for contrast medium, **suitable for lithotripsy**



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



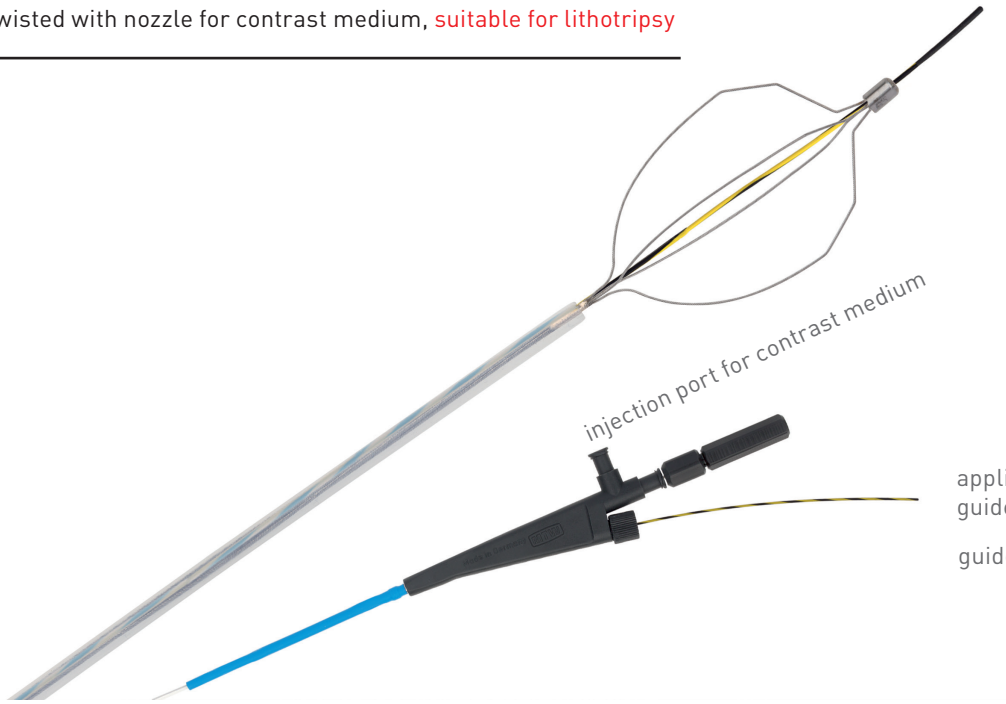
injection port for contrast medium

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

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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						
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

04

STENTS WITH INTRODUCER SYSTEM

STENTS

INTRODUCER SYSTEMS

„JET-SET“

„QUICK-SET“

GUIDING CATHETERS

PUSHERS

DILATATION CATHETERS

CYST DRAINAGE SYSTEMS

RING KNIFE SYSTEMS

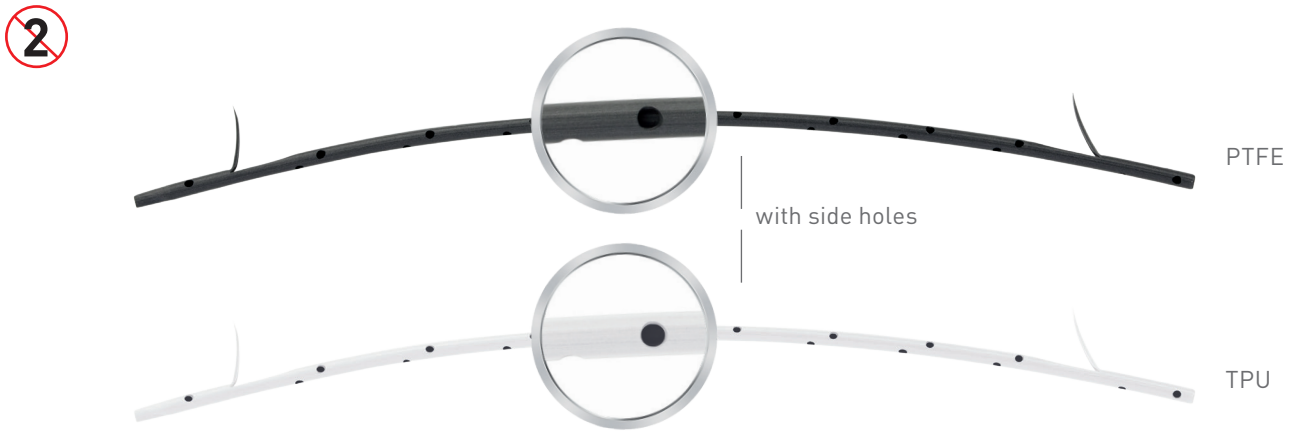
STENTS



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STENTS

Pancreas



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

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

Suitable introducer systems can be found from page 21

STENTS

Pancreas



Order no. Article no. **Ch.8,5 PTFE**	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.10 PTFE**	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

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STENTS
straight



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

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

Order no. Article no. **Ch.7** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.7** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

STENTS

straight



Order no. Article no. **Ch.8,5** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.8,5** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

MTW®
Endoskopie Manufaktur

STENTS
straight

2



PTFE



TPU

Order no. Article no. **Ch.10** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.10** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

STENTS

straight



PTFE



TPU

Order no. Article no. **Ch.11,5** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.11,5** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

MTW®
Endoskopie Manufaktur

STENTS

straight, with platinum ring

2



PTFE



TPU

Order no. Article no. **Ch.7** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.7** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

STENTS

straight, with platinum ring



Order no. Article no. **Ch.8,5** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.8,5** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

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STENTS

straight, with platinum ring



Order no. Article no. **Ch.10** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
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. **Ch.10** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

STENTS

straight, with platinum ring



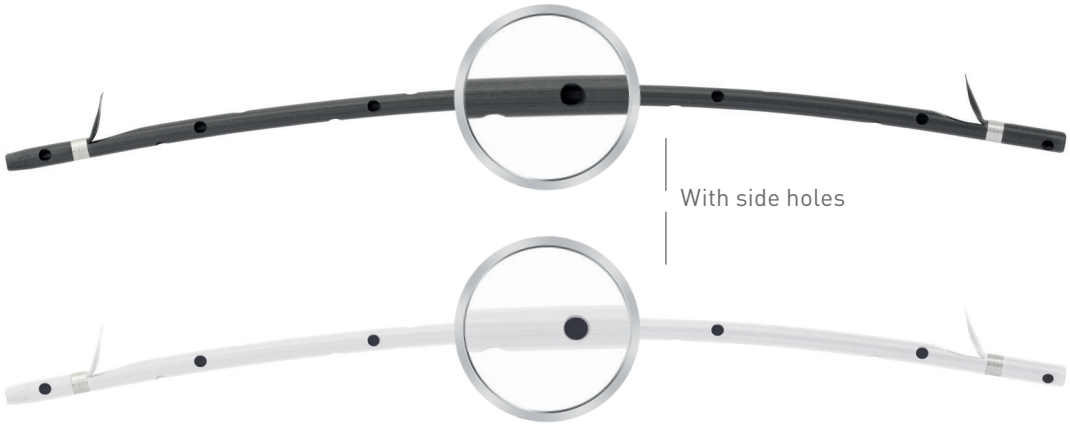
Order no. Article no. **Ch.11,5** PTFE	Stent dimension		PU
	Length between flaps mm	Total length mm	
0421101003	30	50	1
0421101004	40	60	1
0421101005	50	70	1
0421101006	60	80	1
0421101007	70	90	1
0421101008	80	100	1
0421101009	90	110	1
0421101010	100	120	1
0421101011	110	130	1
0421101012	120	140	1
0421101013	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. **Ch.11,5** TPU	Stent dimension		PU
	Length between flaps mm	Total length mm	
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

Suitable introducer systems can be found from page 21

STENTS

straight, with two platinum rings and sideholes



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

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

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

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

Suitable introducer systems can be found from page 21

STENTS

centrally bent



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

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

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

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

Suitable introducer systems can be found from page 21

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STENTS

duodenally bent



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

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

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

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

Suitable introducer systems can be found from page 21

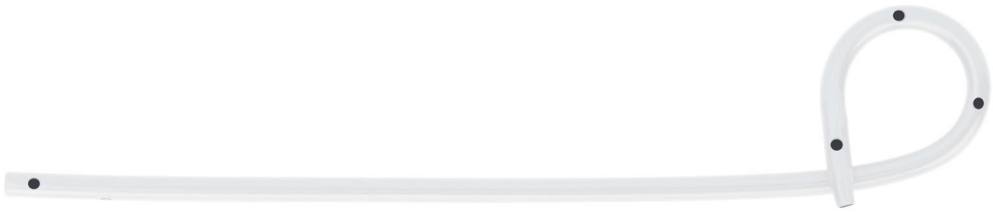
STENTS

Pigtail

2

With side holes

TPU



Order no. Article no. **Ch.7** TPU	Stent dimension		PU
	Straight part mm	Total length mm	
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

Order no. Article no. **Ch.8,5** TPU	Stent dimension		PU
	Straight part mm	Total length mm	
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

Suitable introducer systems can be found from page 21

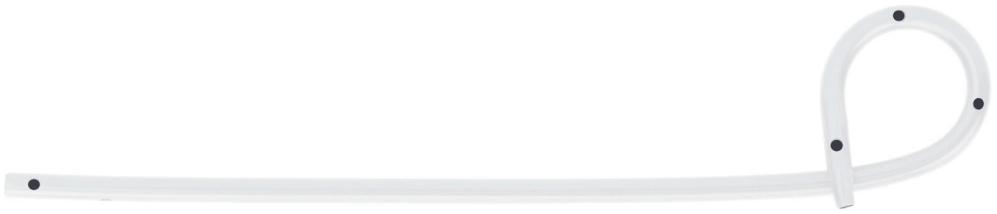
STENTS

Pigtail

2

With side holes

TPU



Order no. Article no. **Ch.10** TPU	Stent dimension		PU
	Straight part mm	Total length mm	
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. **Ch.11,5** TPU	Stent dimension		PU
	Straight part mm	Total length mm	
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

Suitable introducer systems can be found from page 21

STENTS

Double-Pigtail, with platinum ring



Order no. Article no. **Ch.7** TPU	Stent dimension		PU
	Straight part mm	Total length mm	
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. **Ch.8,5** TPU	Stent dimension		PU
	Straight part mm	Total length mm	
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

Suitable introducer systems can be found from page 21

STENTS

Double-Pigtail, with platinum ring



Order no. Article no. **Ch.10** TPU	Stent dimension		PU
	Straight part mm	Total length mm	
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

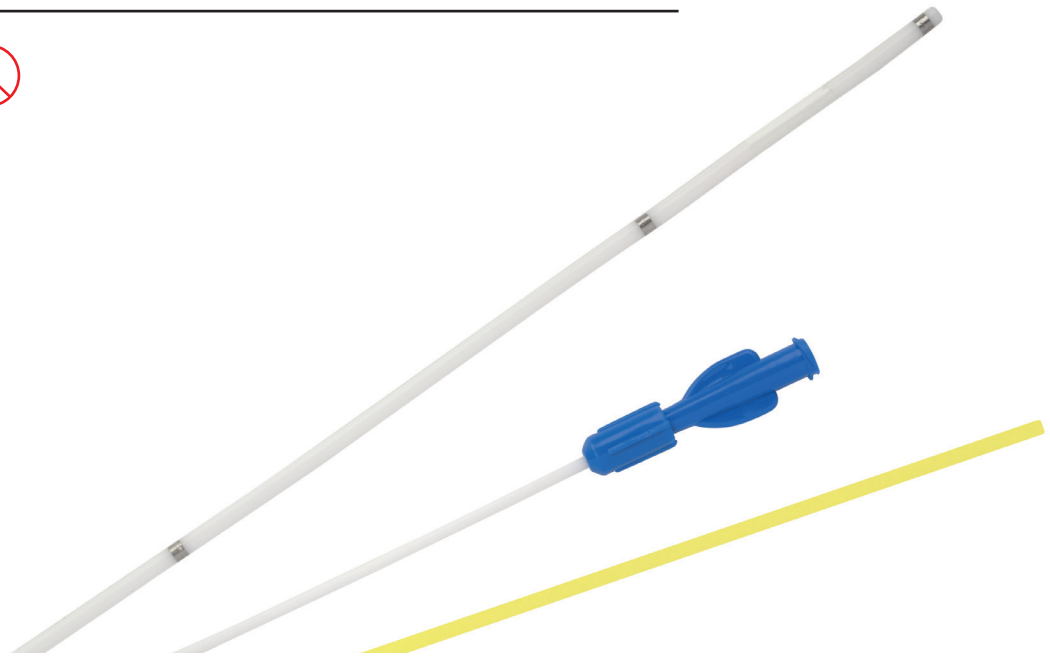
Suitable introducer systems can be found from page 21

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INTRODUCER SYSTEMS AND DILATATION CATHETERS



GUIDING CATHETERS AND PUSHERS



Guiding catheters:

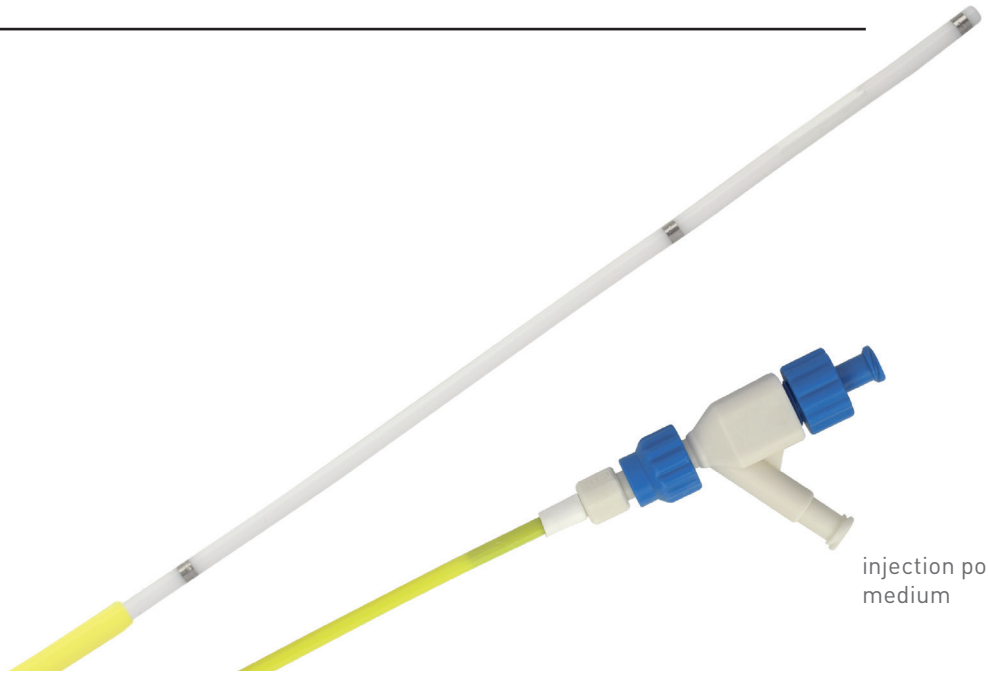
Order no.	Article no.	Diameter Ch.	Total length cm	Suitable for pusher Ch.	Suitable for stents Ch.	Number of platinum rings	Suitable guide wire inch	PU
0440510 x2	0440510	5	220	8,5	8,5	1	0.035	2
0410510 x5	0410510	5	220	8,5	8,5	3	0.035	5
0410511 x5	0410511	5	320	8,5	8,5	3	0.035	5
0440710 x2	0440710	6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



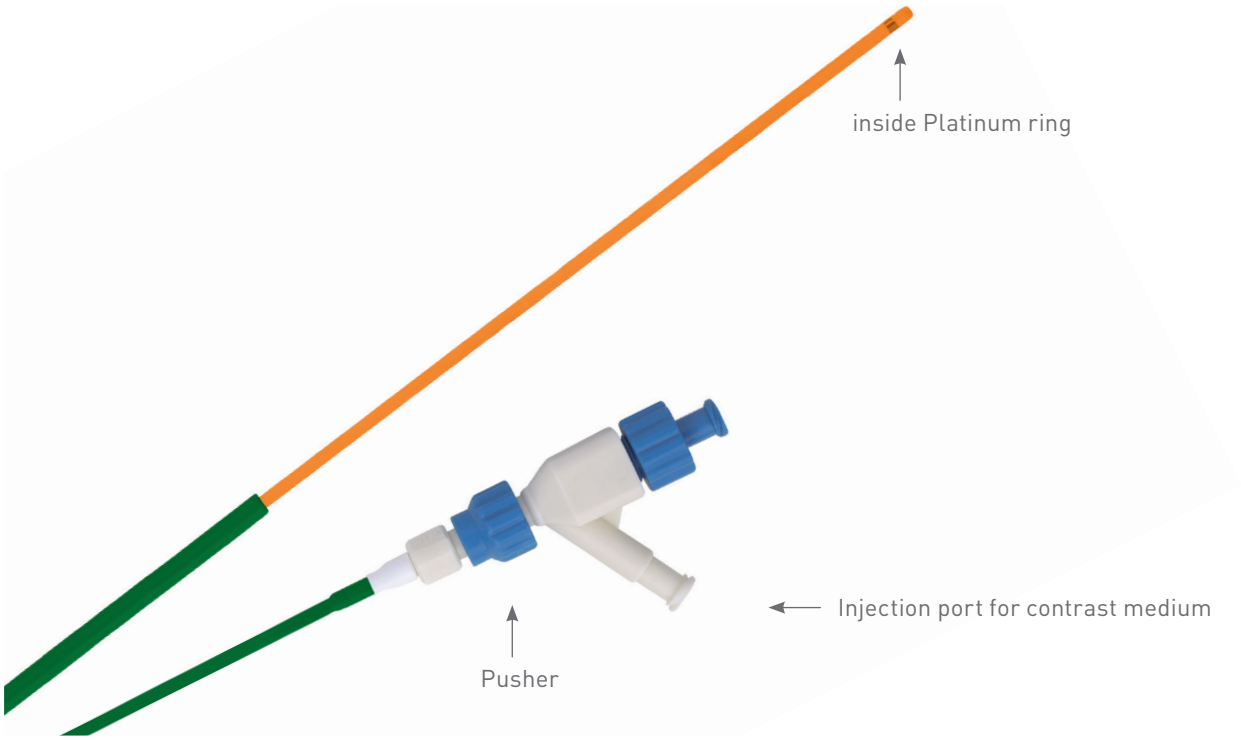
injection port for contrast medium

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

INTRODUCER SYSTEMS „JET SET“

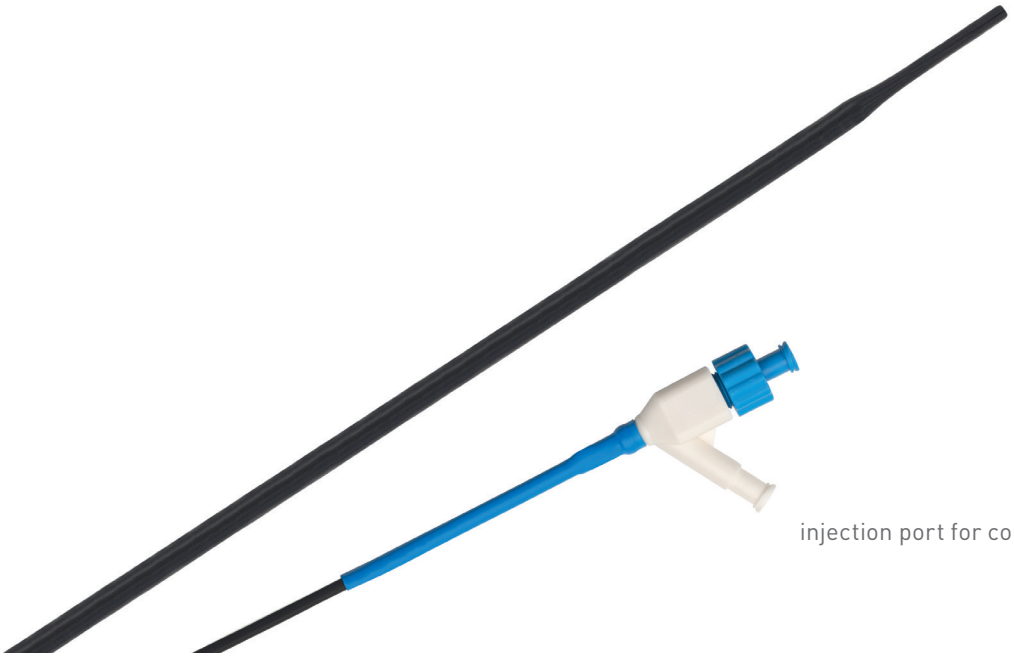
with 1 platinum ring



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
0407817 x5	0407817	4	7	205	7	1	0.035	5
0417817 x5	0417817	4	7	260	7	1	0.035	5
0411818 x5	0411818	5	8,5	230	8,5	1	0.035	5

DILATATION CATHETERS

for guide wire, guide wire lockable

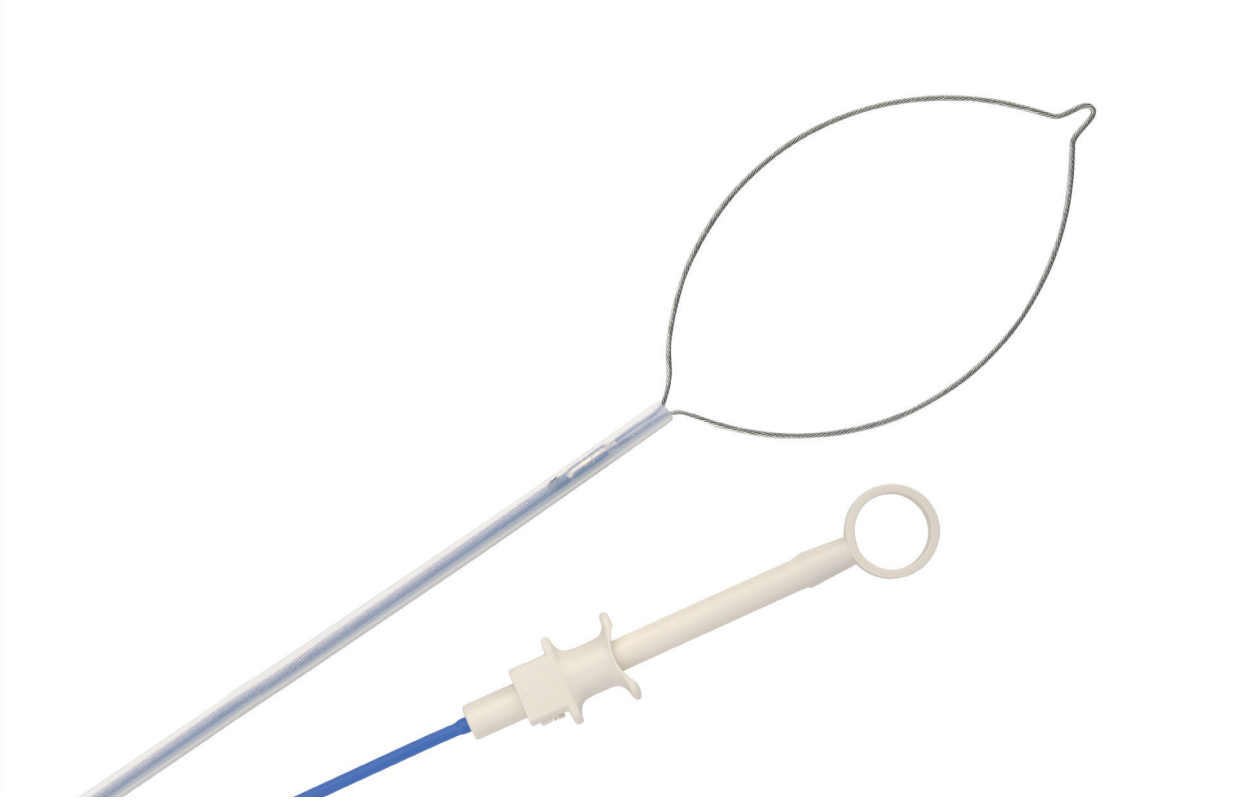


injection port for contrast medium

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

Figure shows article REF 990411000200

EXTRACTION SNARE FOR STENTS



Order no.	Article no.	Opening width mm	Basket wire	Diameter mm.	Length cm	PU
99052071210 x5	99052071210	20 x 40	twisted	2,3	230	5

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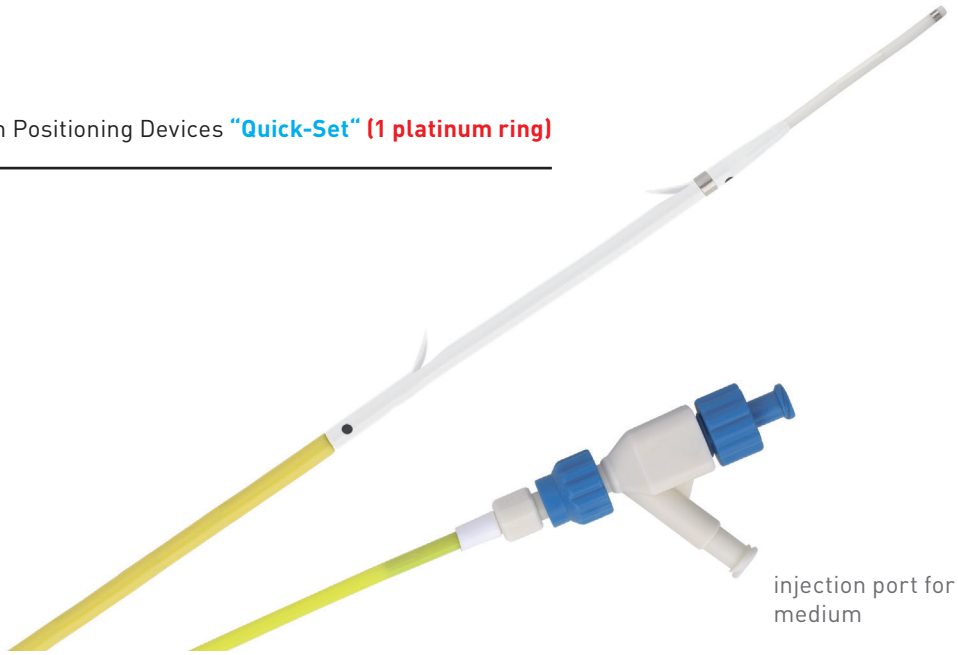
STENTS WITH POSITIONING DEVICES



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STENT

straight, with Positioning Devices **"Quick-Set" (1 platinum ring)**



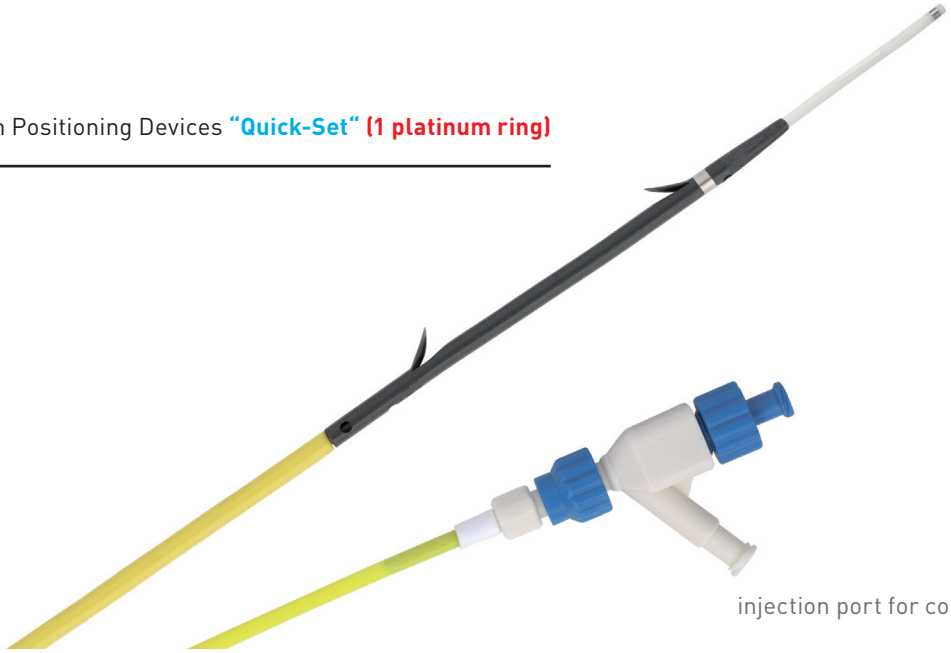
injection port for contrast medium

Order no. Article no. **Ch.7** TPU	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		
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 Positioning Devices **"Quick-Set" (1 platinum ring)**

2



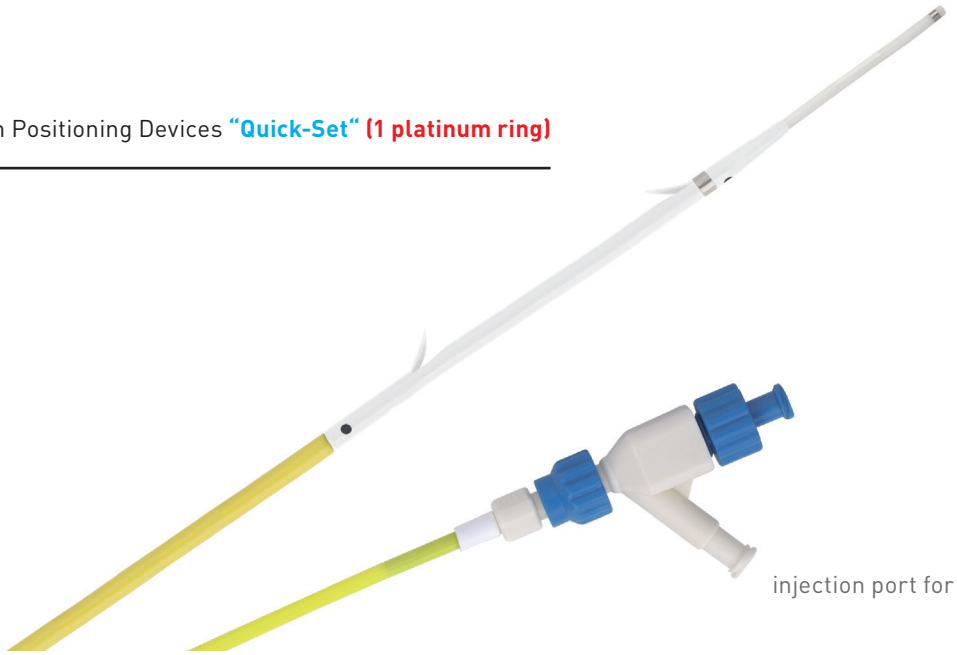
injection port for contrast medium

Order no. Article no. **Ch.8,5** PTFE	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		
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

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STENT

straight, with Positioning Devices **"Quick-Set" (1 platinum ring)**



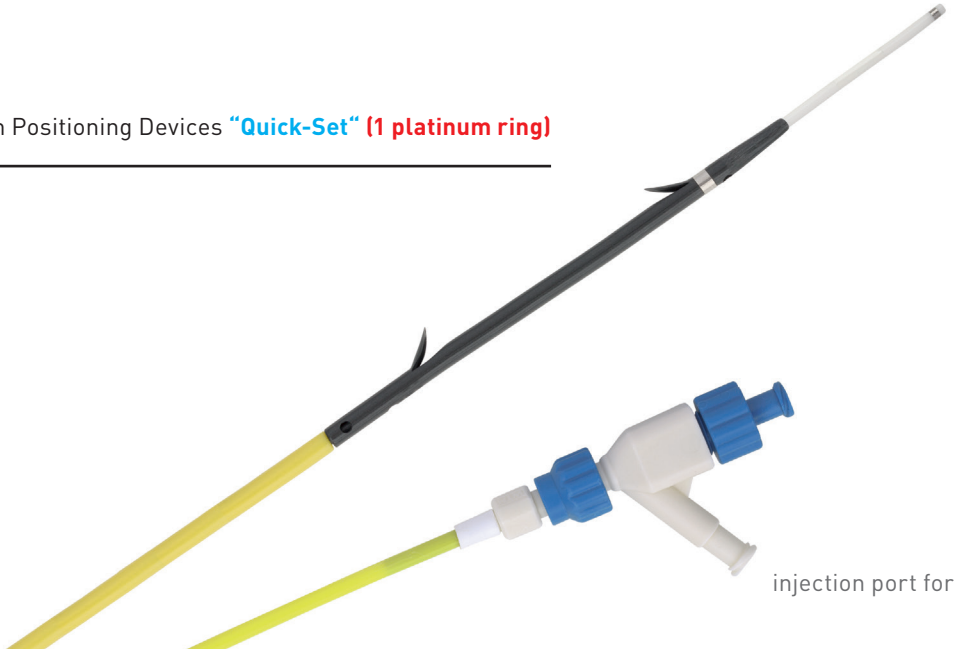
injection port for contrast medium

Order no. Article no. **Ch.8,5** TPU	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		
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 Positioning Devices **"Quick-Set" (1 platinum ring)**

2



injection port for contrast medium

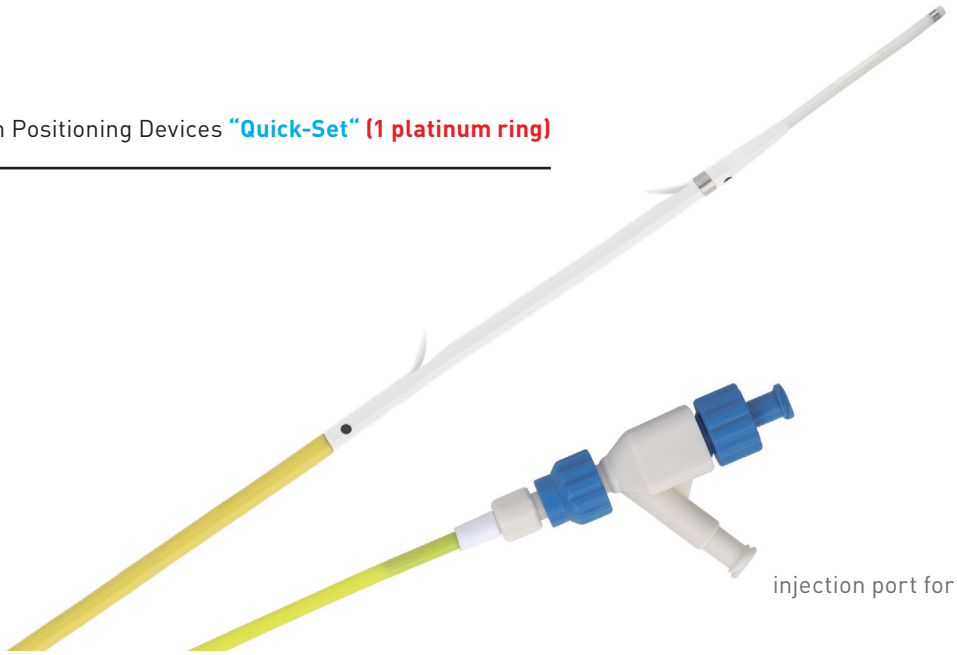
Order no. Article no. **Ch.10** PTFE	Stent dimension			Introducer system "Quick-Set"		Suitable guide wire inch	PU
	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm		
0421001003QS	30	50	10	10	190	0.035	1
0421001004QS	40	60	10	10	190	0.035	1
0421001005QS	50	70	10	10	190	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

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STENT

straight, with Positioning Devices **"Quick-Set" (1 platinum ring)**

2



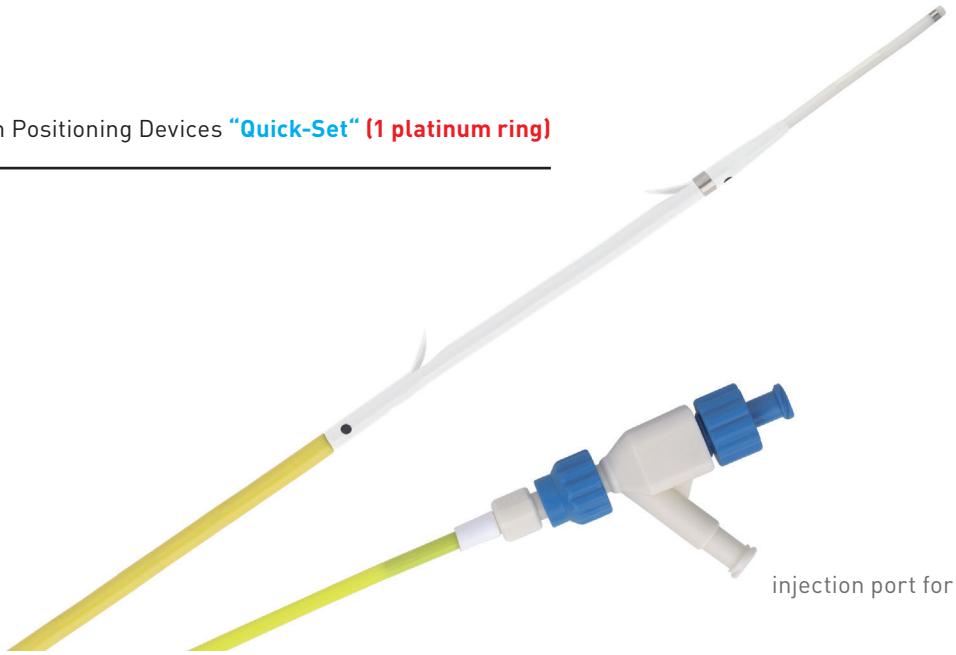
injection port for contrast medium

Order no. Article no. **Ch.10** TPU	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		
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

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STENT

straight, with Positioning Devices **"Quick-Set" (1 platinum ring)**



injection port for contrast medium

Order no. Article no. **Ch.11,5** TPU	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		
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 Positioning Devices **"Jet-Set" (1 and 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
Ch.7	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm			
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

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STENT

straight, with Positioning Devices **"Jet-Set" (3 platinum rings)**

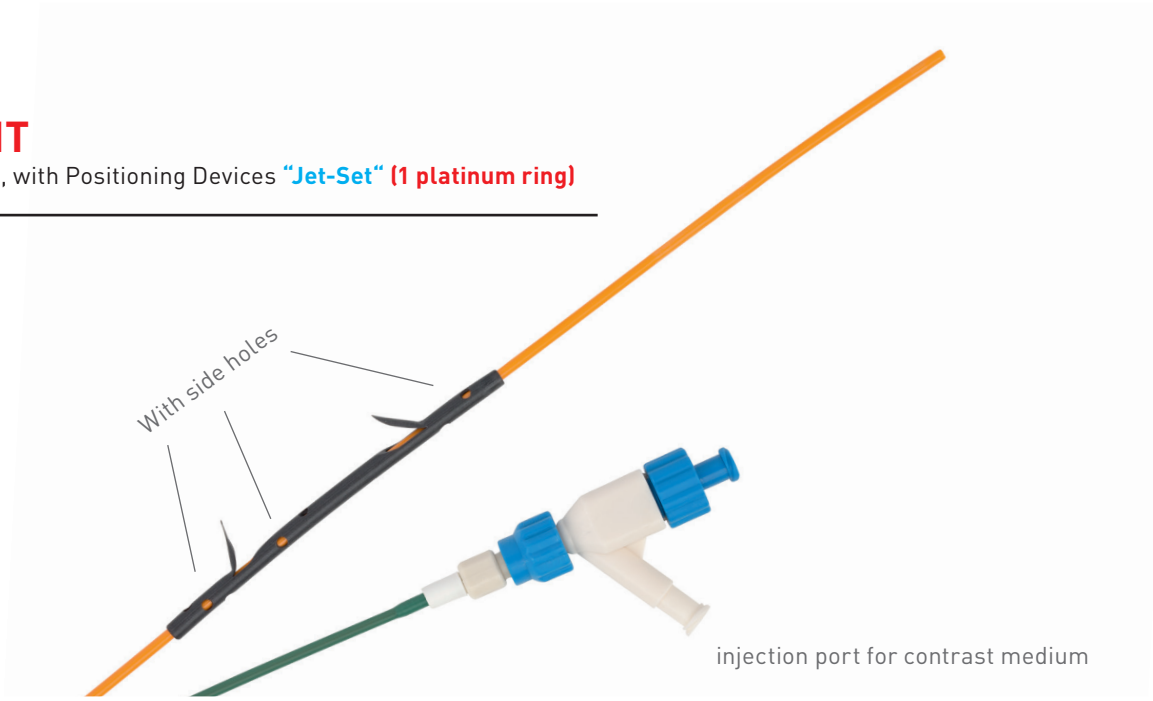


injection port for contrast medium

Order no. Article no.	Stent dimension			Introducer system "Jet-Set"		Suitable guide wire inch	Number of platinum rings	PU
Ch.10	Length between flaps mm	Total length mm	Diameter Ch.	Diameter Ch.	Total length cm			
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

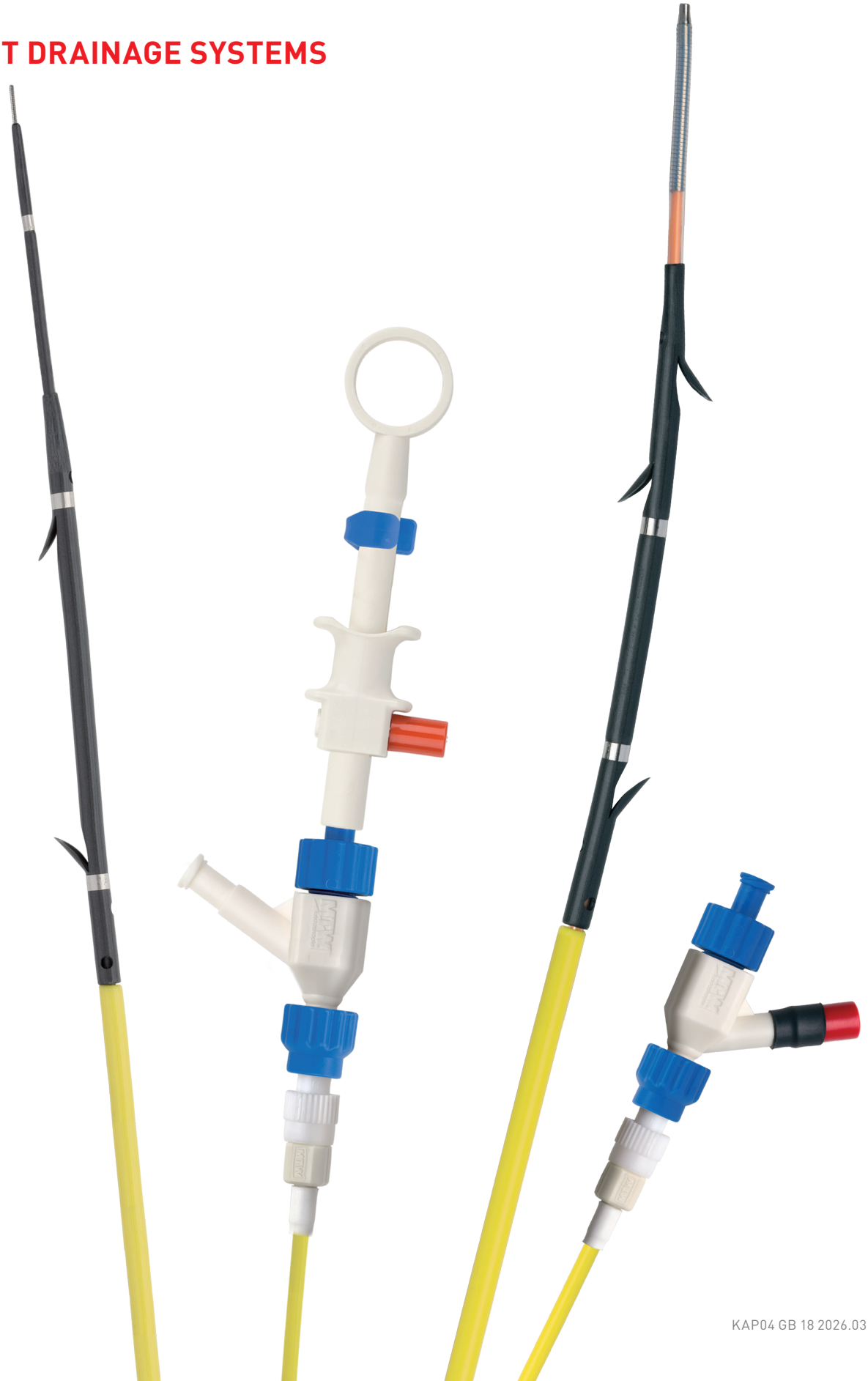
Pancreas, with Positioning Devices **"Jet-Set" (1 platinum ring)**



Order no. Article no. **Ch.7**	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		
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

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CYST DRAINAGE SYSTEMS



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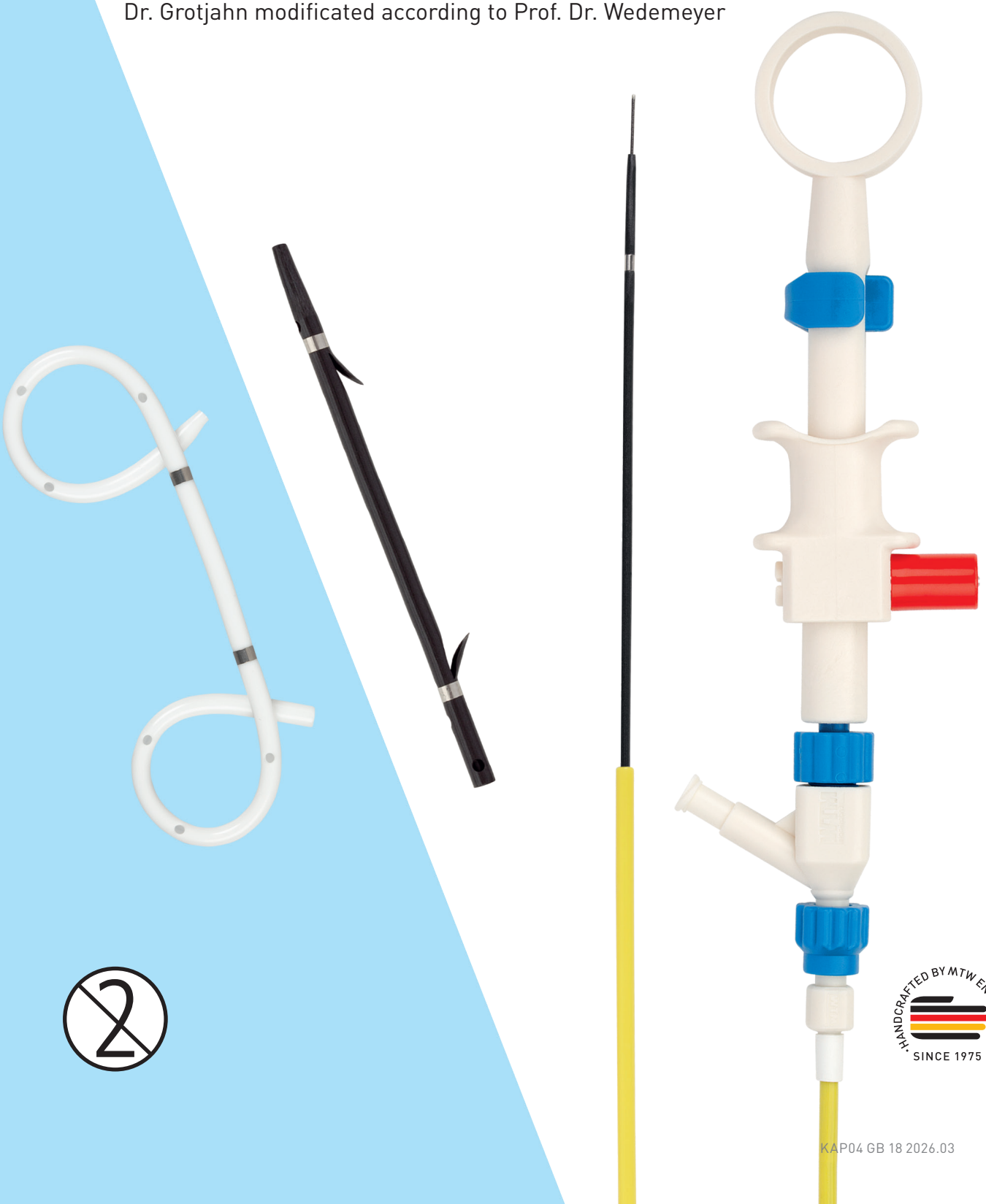
Cyst drainage systems

and Cyst drainage enlarger system

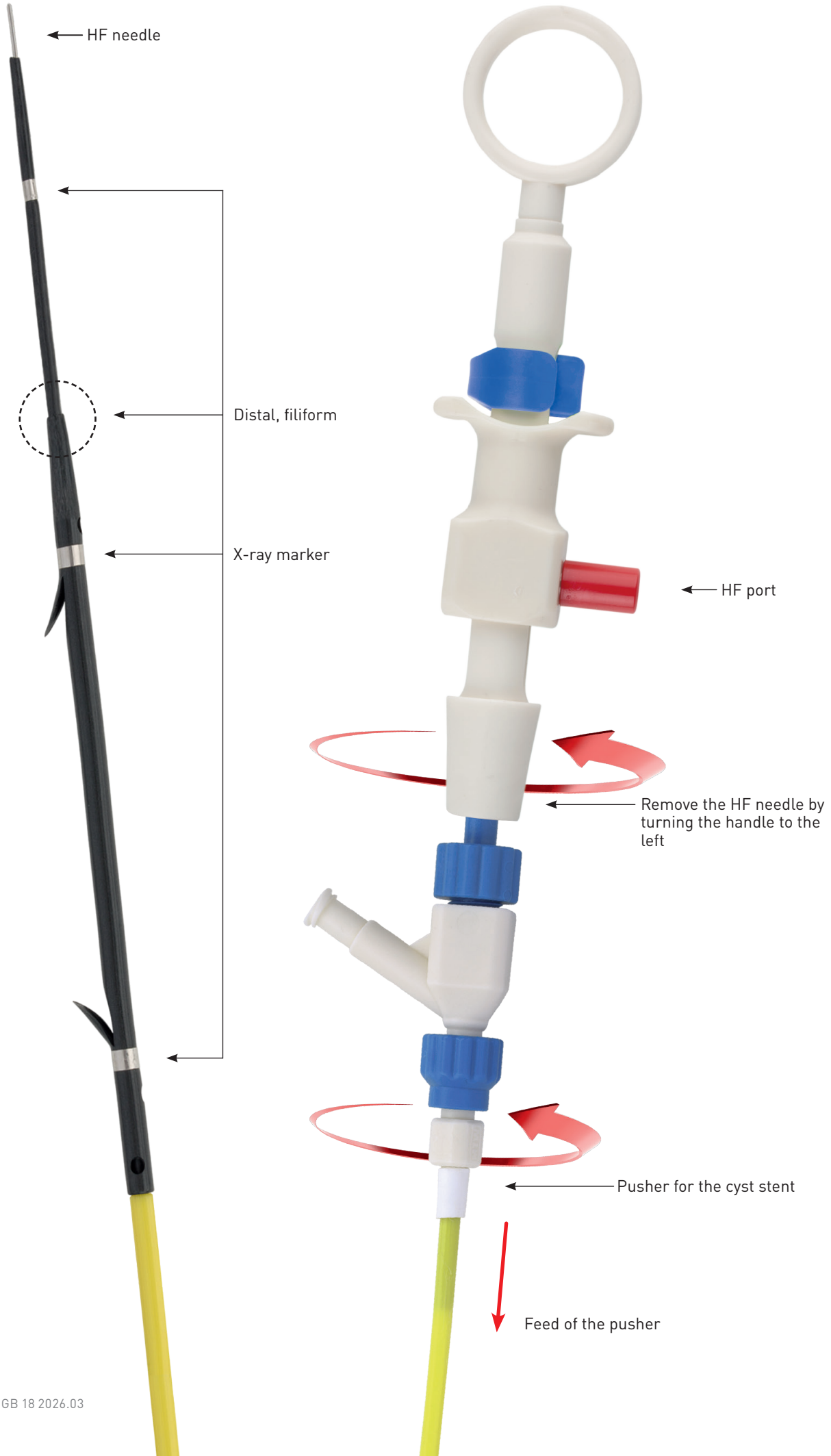
Dr. Grotjahn

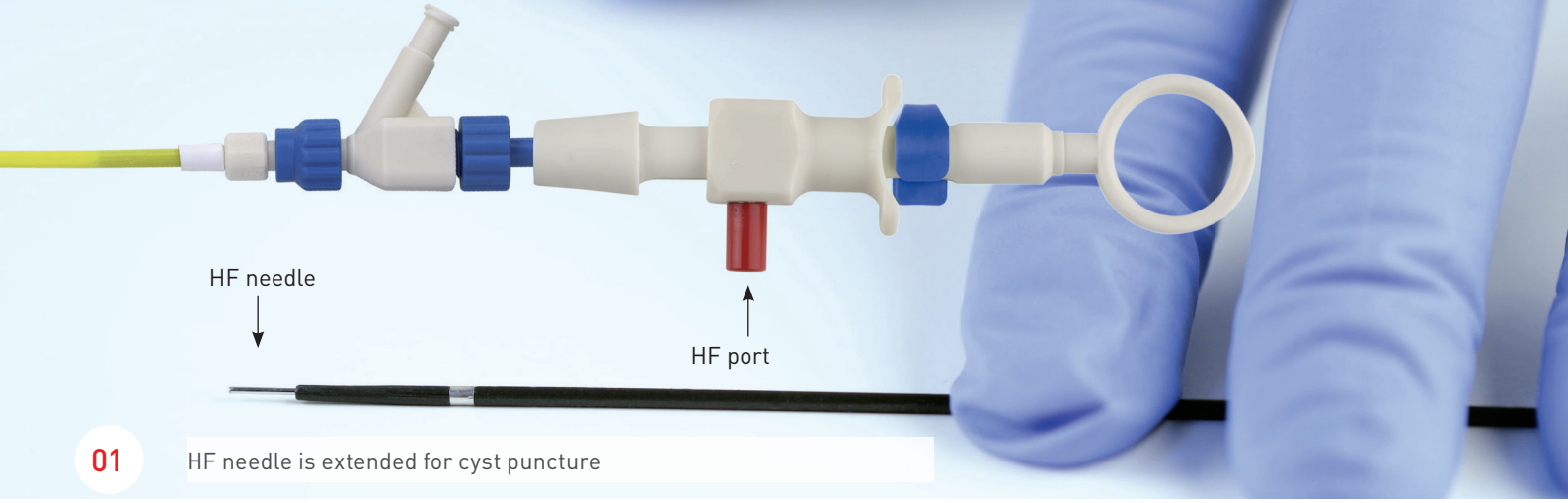
Cyst drainage systems

Dr. Grotjahn modificated according to Prof. Dr. Wedemeyer



HANDCRAFTED BY MTW ENDOSKOPIE SINCE 1975


HF needle
Distal, filiform
X-ray marker
HF port
Remove the HF needle by turning the handle to the left
Pusher for the cyst stent
Feed of the pusher



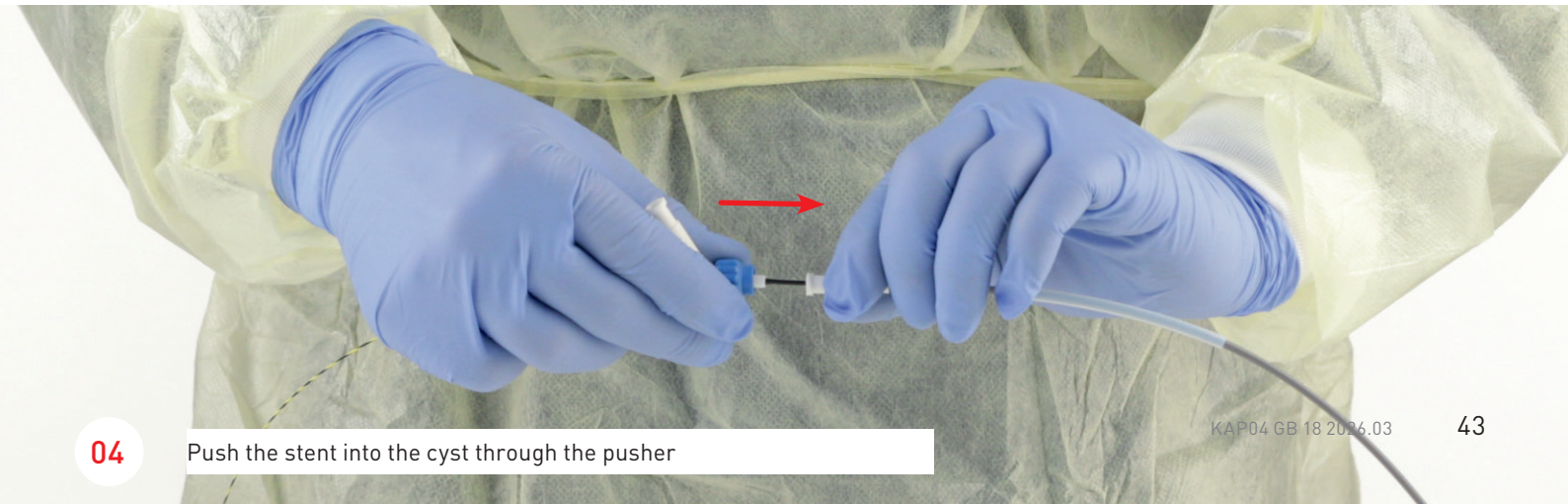
01 HF needle is extended for cyst puncture



02 Remove the complete HF needle from the guiding catheter



03 Inserting a Guide Wire (0.035“) for access protection



04 Push the stent into the cyst through the pusher

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.

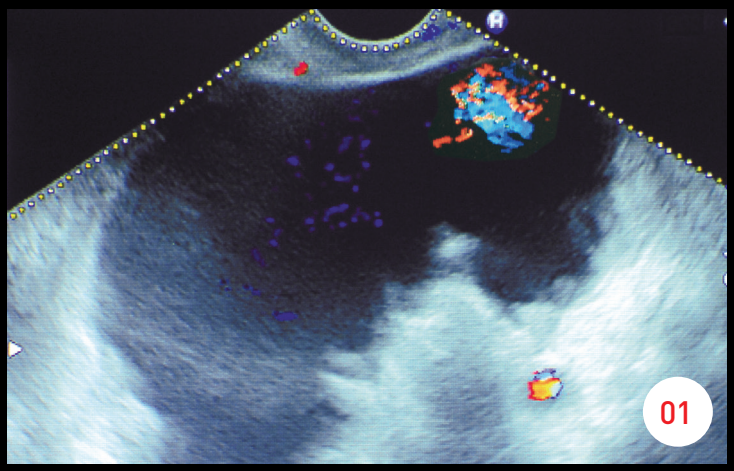
Figure 4:
If necessary, the cyst can be filled with a contrast agent. In the photographic situation, the puncture wire is replaced by a guide wire under radiologicalendosonographic control. This creates a more stable access to the cyst which allows the direct placement of the pre-loaded stent via the 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.



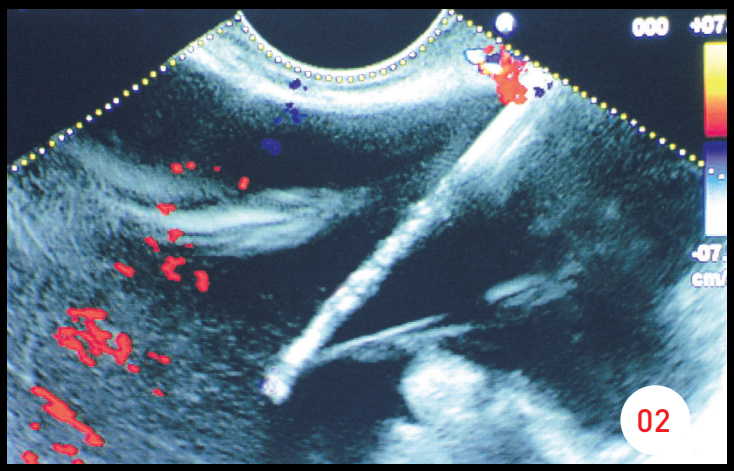
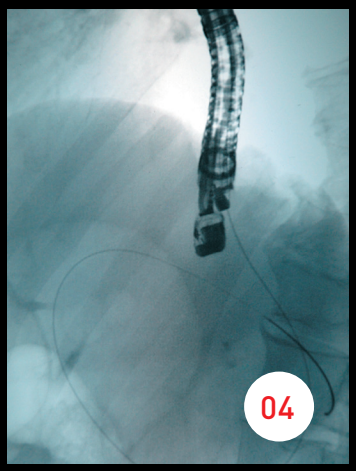
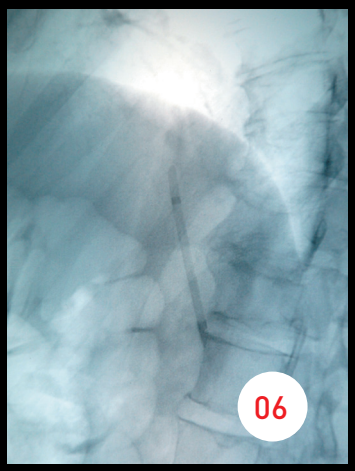


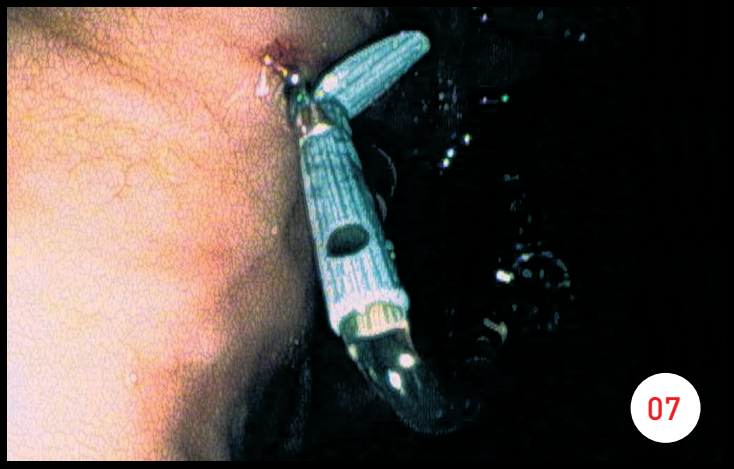
Abbildung 01

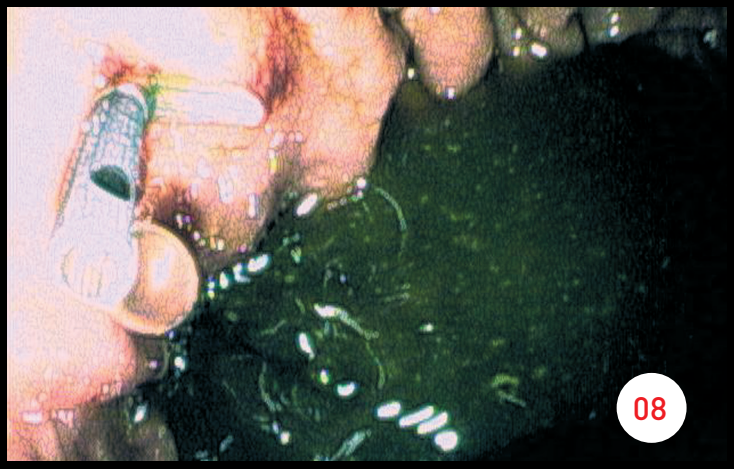


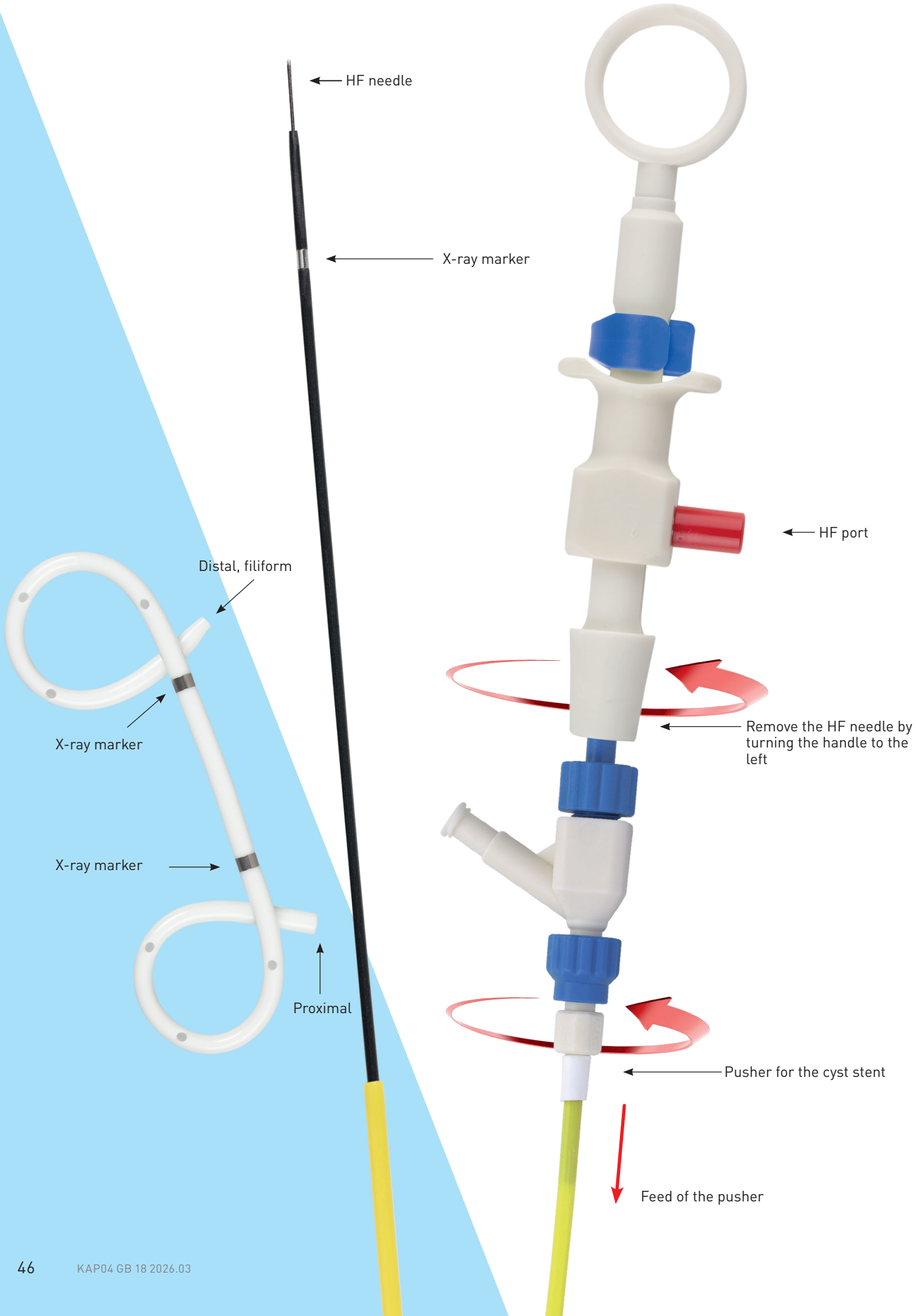


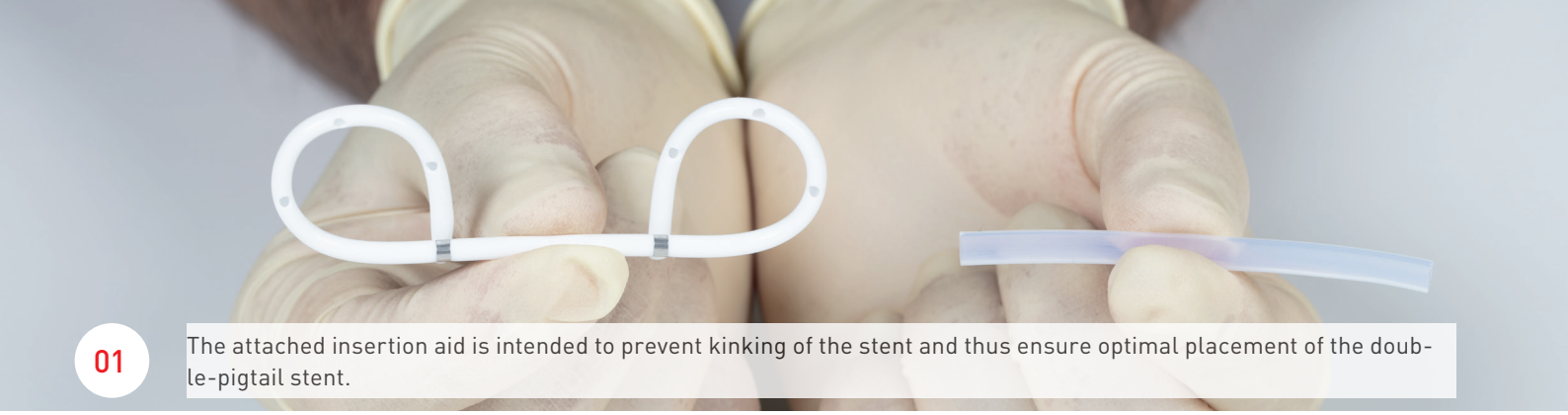




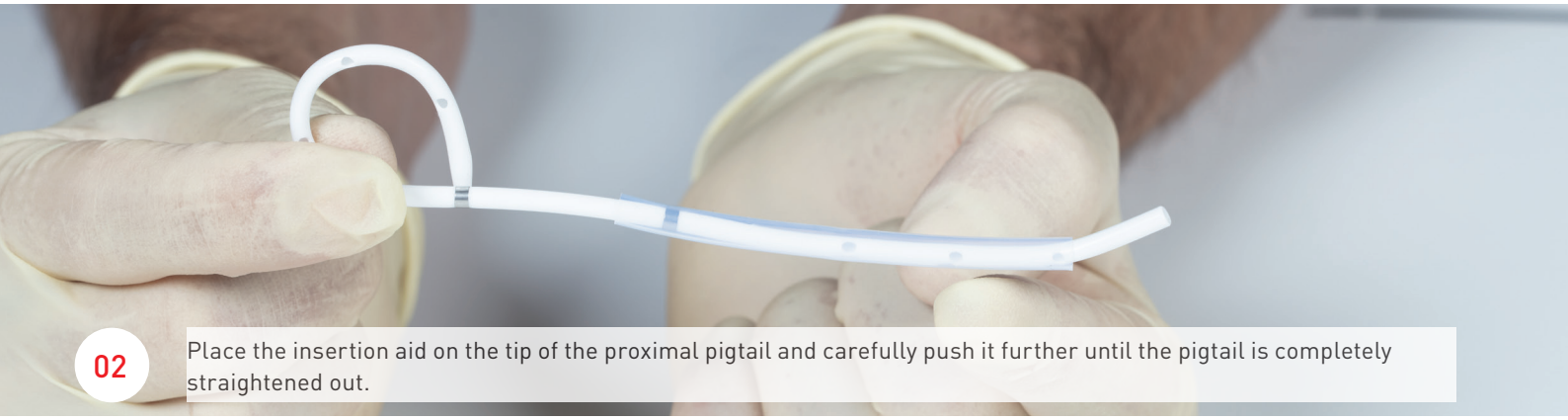




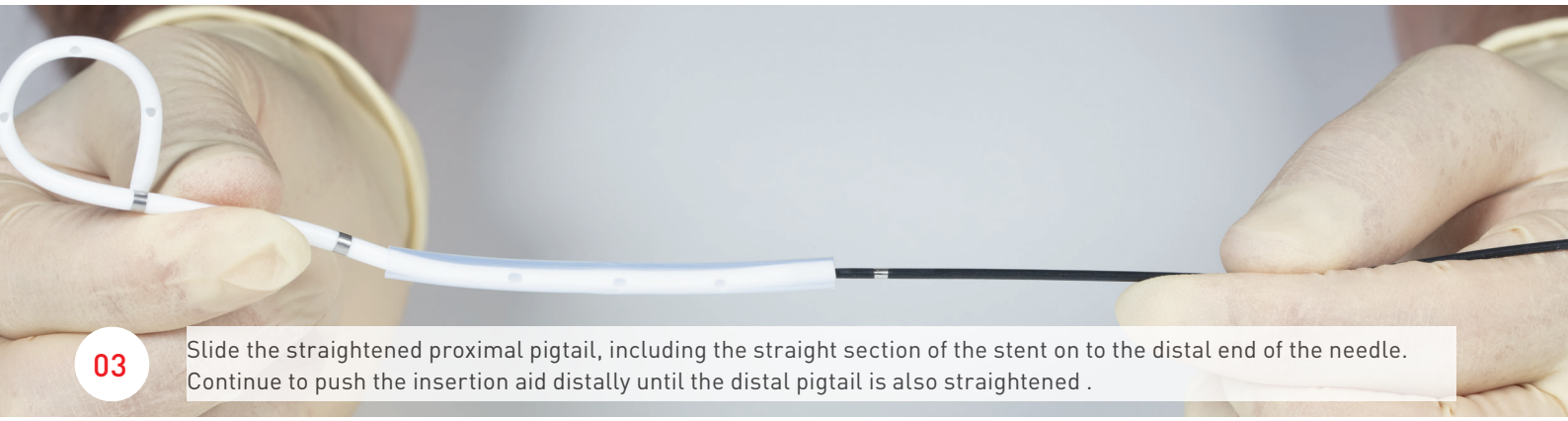

HF needle
X-ray marker
HF port
Distal, filiform
X-ray marker
Remove the HF needle by turning the handle to the left
X-ray marker
Proximal
Pusher for the cyst stent
Feed of the pusher



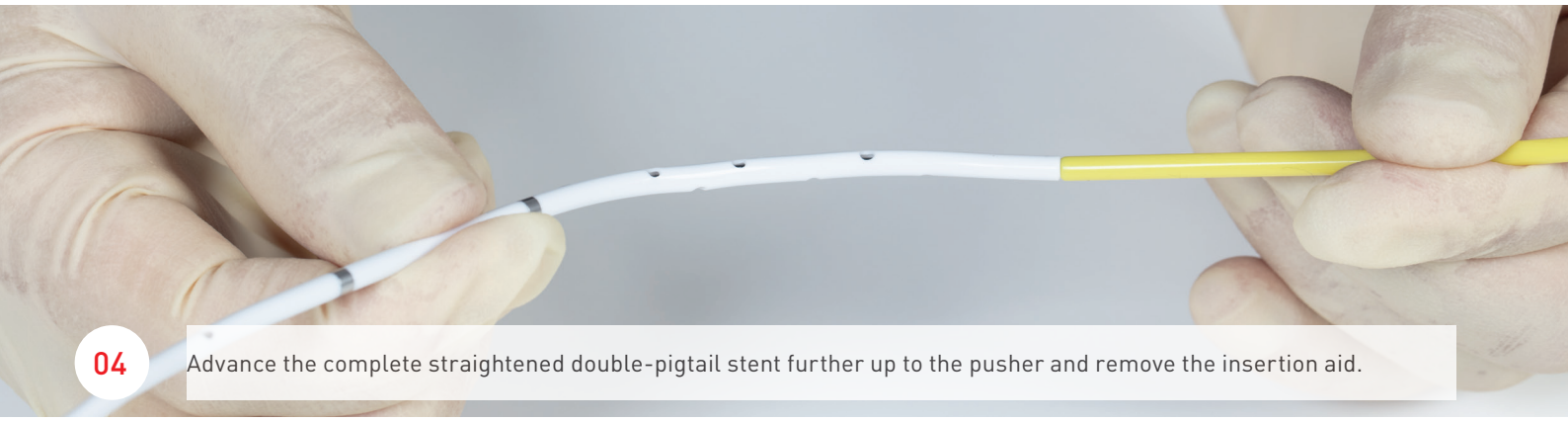
01 The attached insertion aid is intended to prevent kinking of the stent and thus ensure optimal placement of the double-pigtail stent.



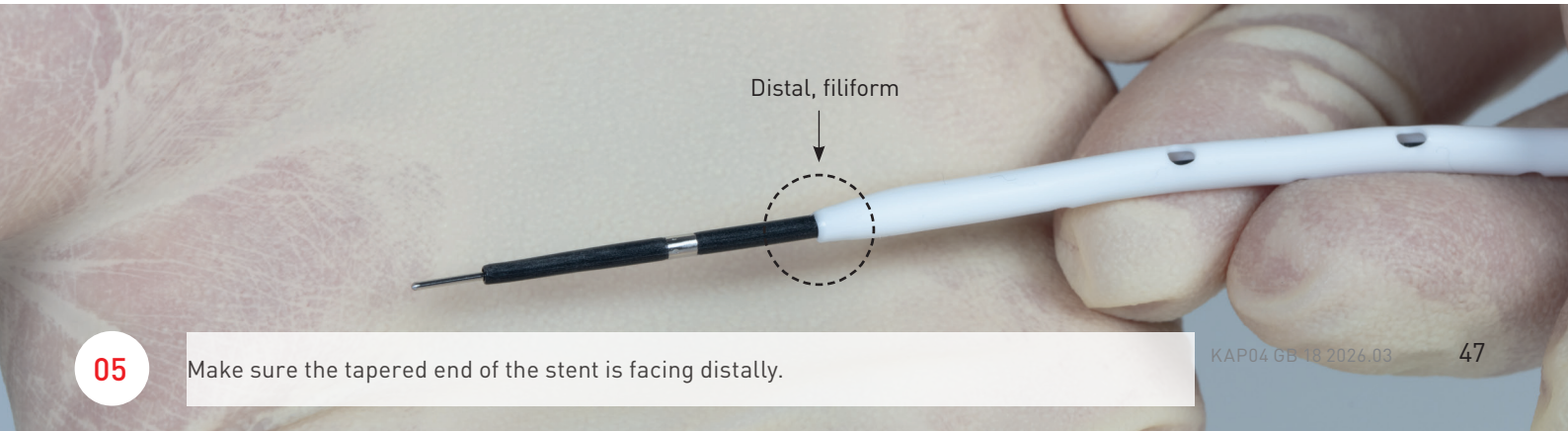
02 Place the insertion aid on the tip of the proximal pigtail and carefully push it further until the pigtail is completely straightened out.



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 .

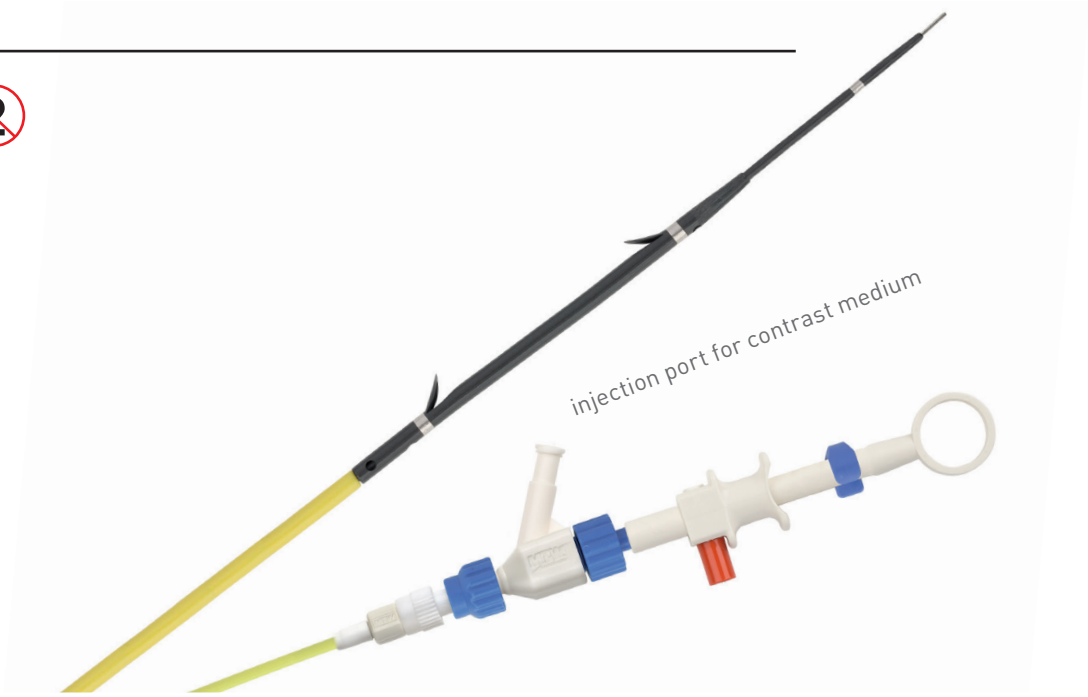


04 Advance the complete straightened double-pigtail stent further up to the pusher and remove the insertion aid.



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

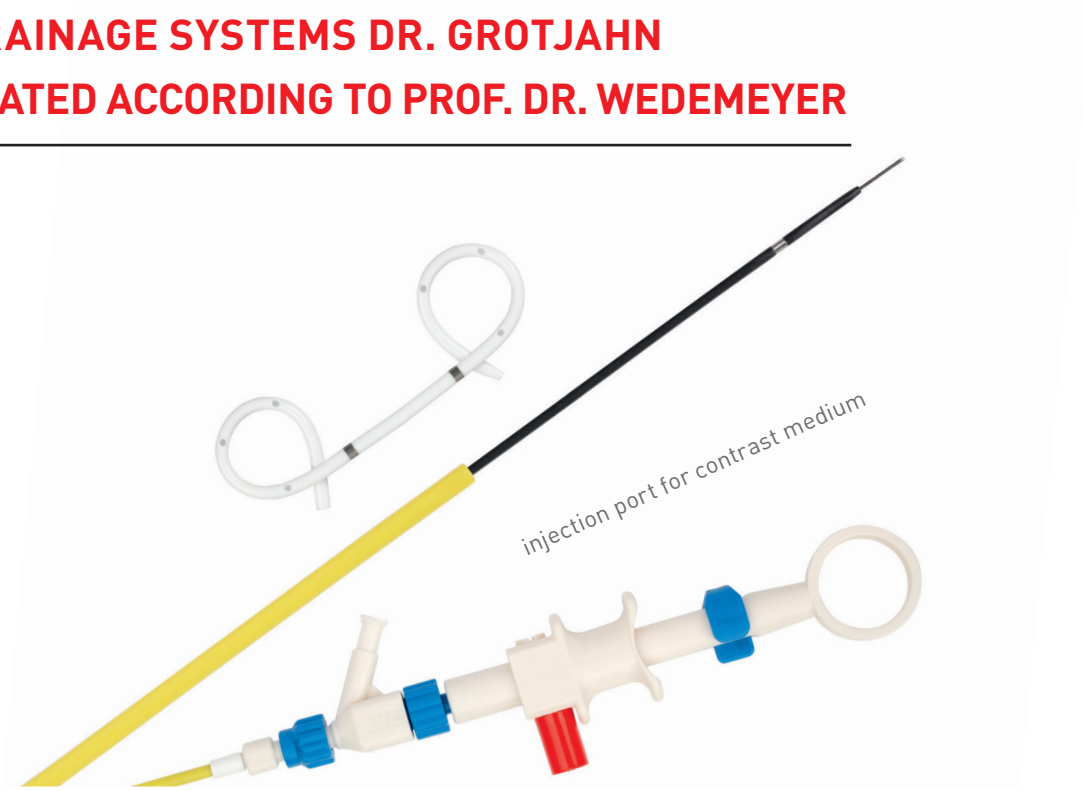
CYST DRAINAGE SYSTEMS DR. GROTJAHN



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

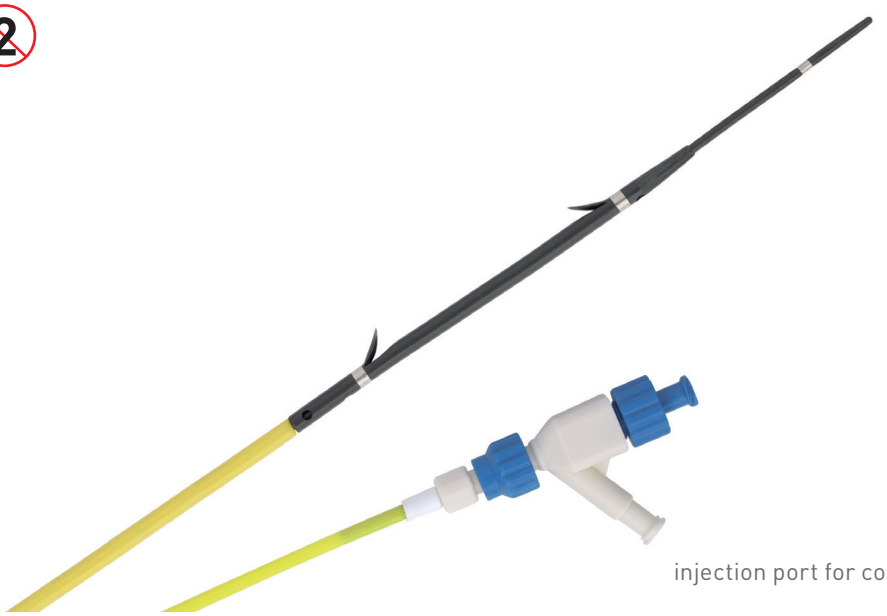
Figure shows article REF 04801003

CYST DRAINAGE SYSTEMS DR. GROTJAHN MODIFICATED ACCORDING TO PROF. DR. WEDEMEYER



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



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 x5	003946	0.035	"Snap-Tip" kink-resistant guide wire	460	5
003926 x5	003926	0.035	"Snap-Tip" kink-resistant guide wire	260	5

CYST DRAINAGE- STENT SINGLE

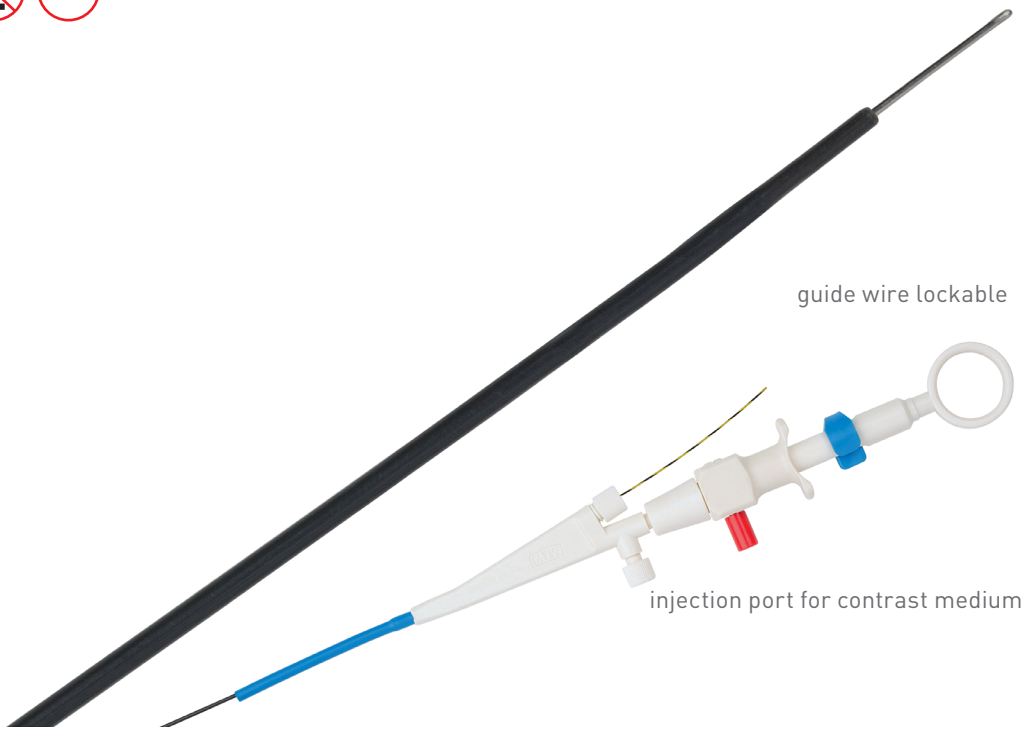
Prof. Dr. Wedemeyer



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

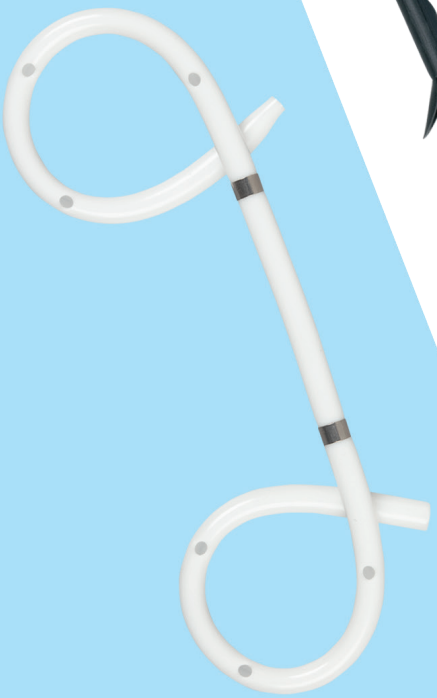
MTW
Endoskopie Manufaktur

Ring knife systems

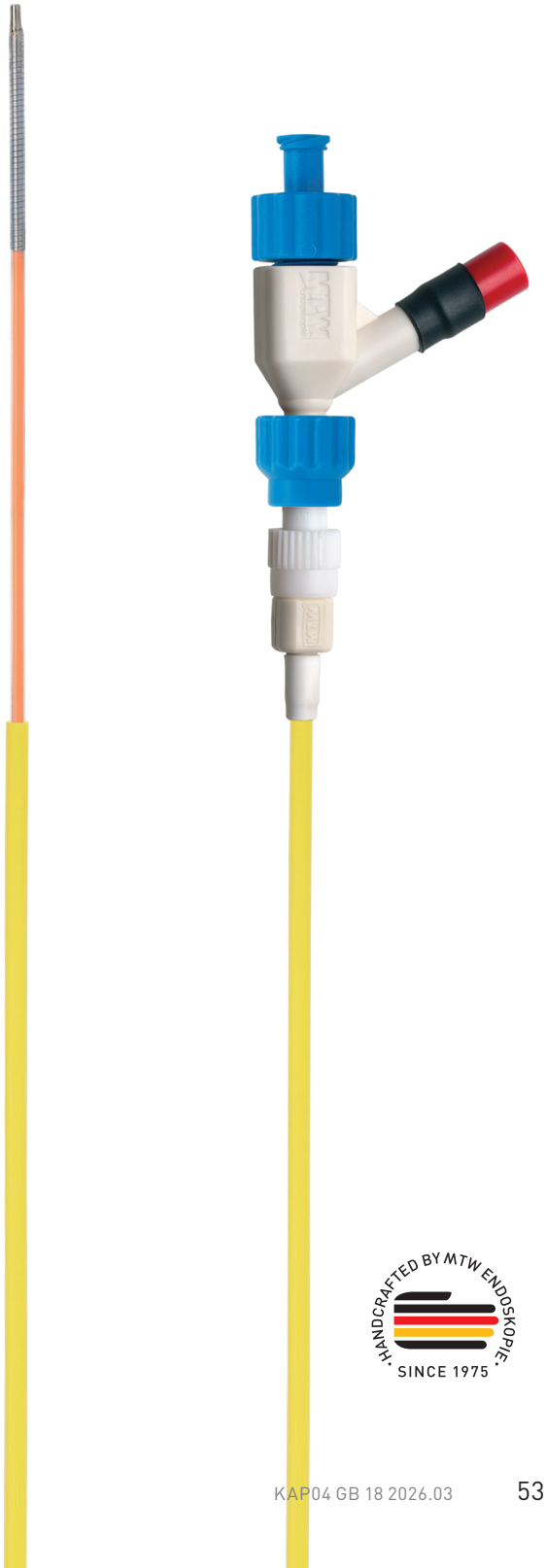
Prof. Dr. U. Will

Ring knife

Prof. Dr. U. Will







HANDCRAFTED BY MTW ENDOSKOPIE
SINCE 1975

Ring knife for therapy of pseudocysts

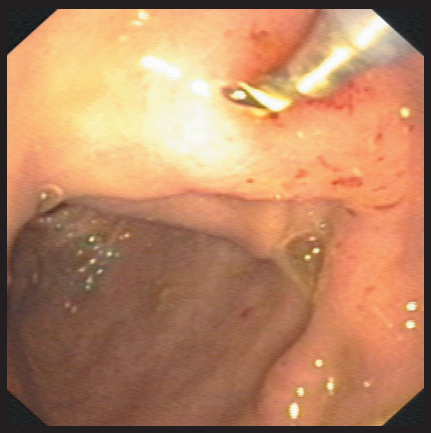


Figure 1

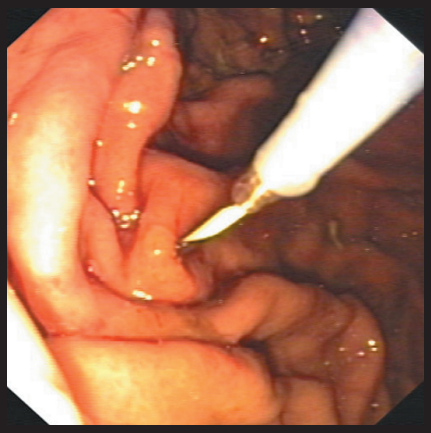


Figure 2

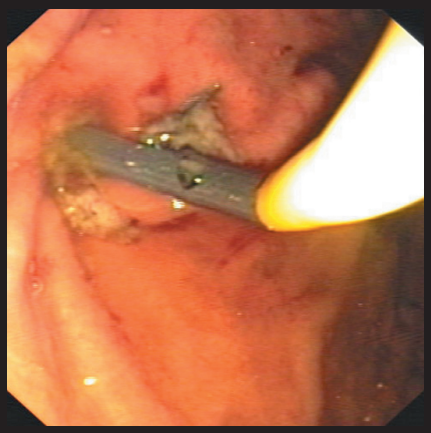


Figure 3

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

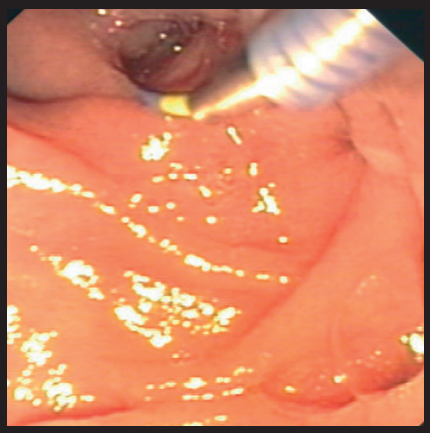


Figure 4

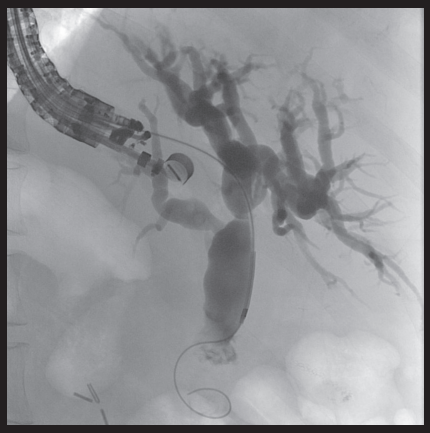


Figure 5

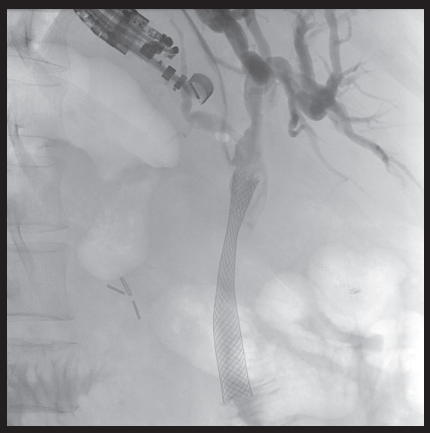


Figure 6

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

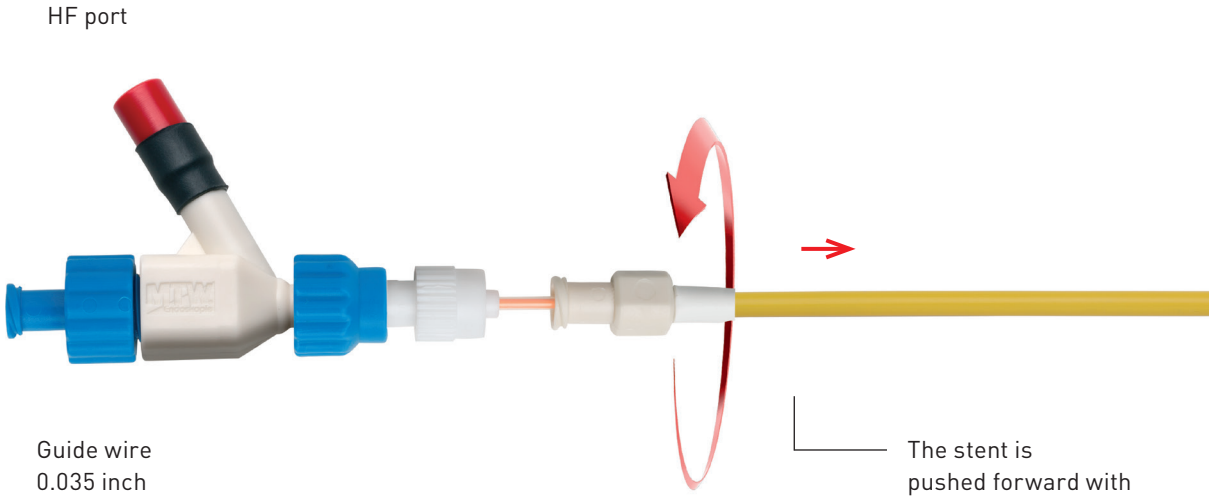
The ring knife system consists of a ring knife with a pushed-on and connected pusher and a preloaded 3-flap straight Stent. After gaining access to the target lesion, the stent can be placed for drainage without changing instruments.



HF-Ring knife
cutting tip



Stent, 3-flap



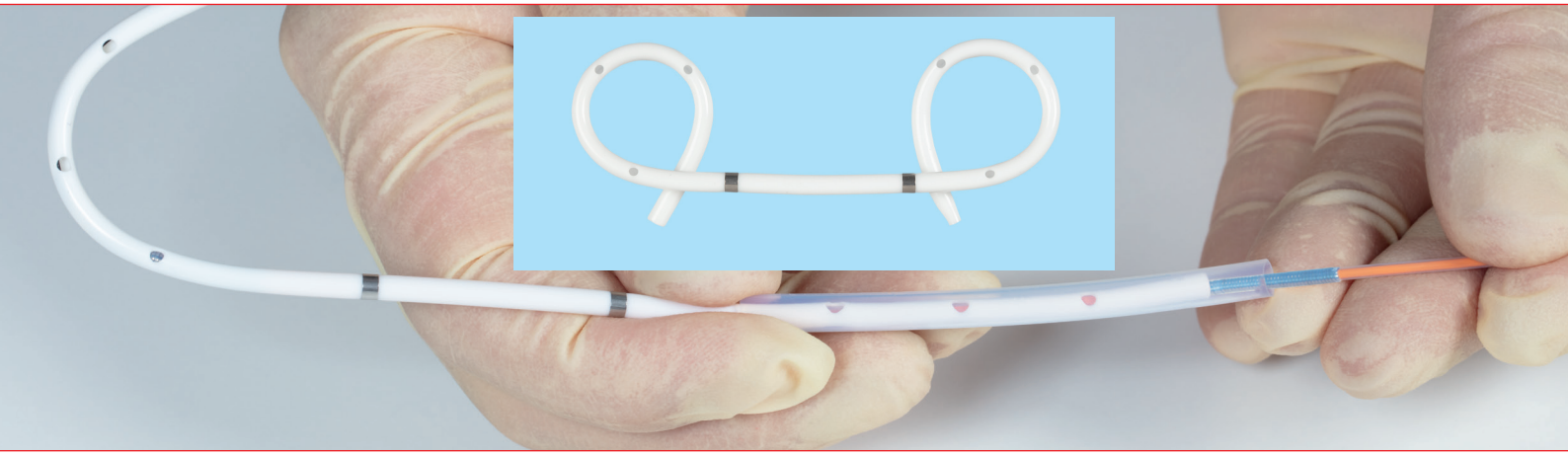
Ring knife system with double pigtail stent

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.

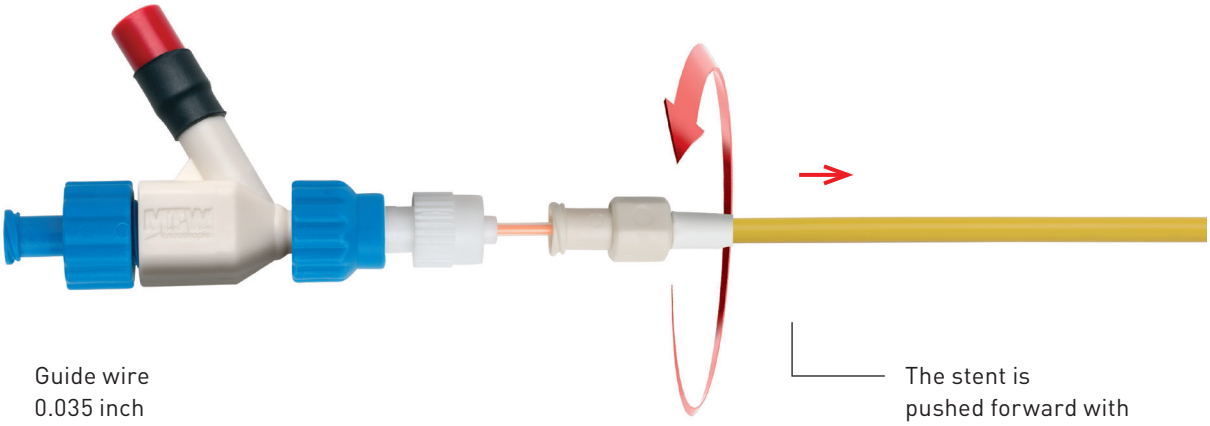


HF-Ring knife
cutting tip



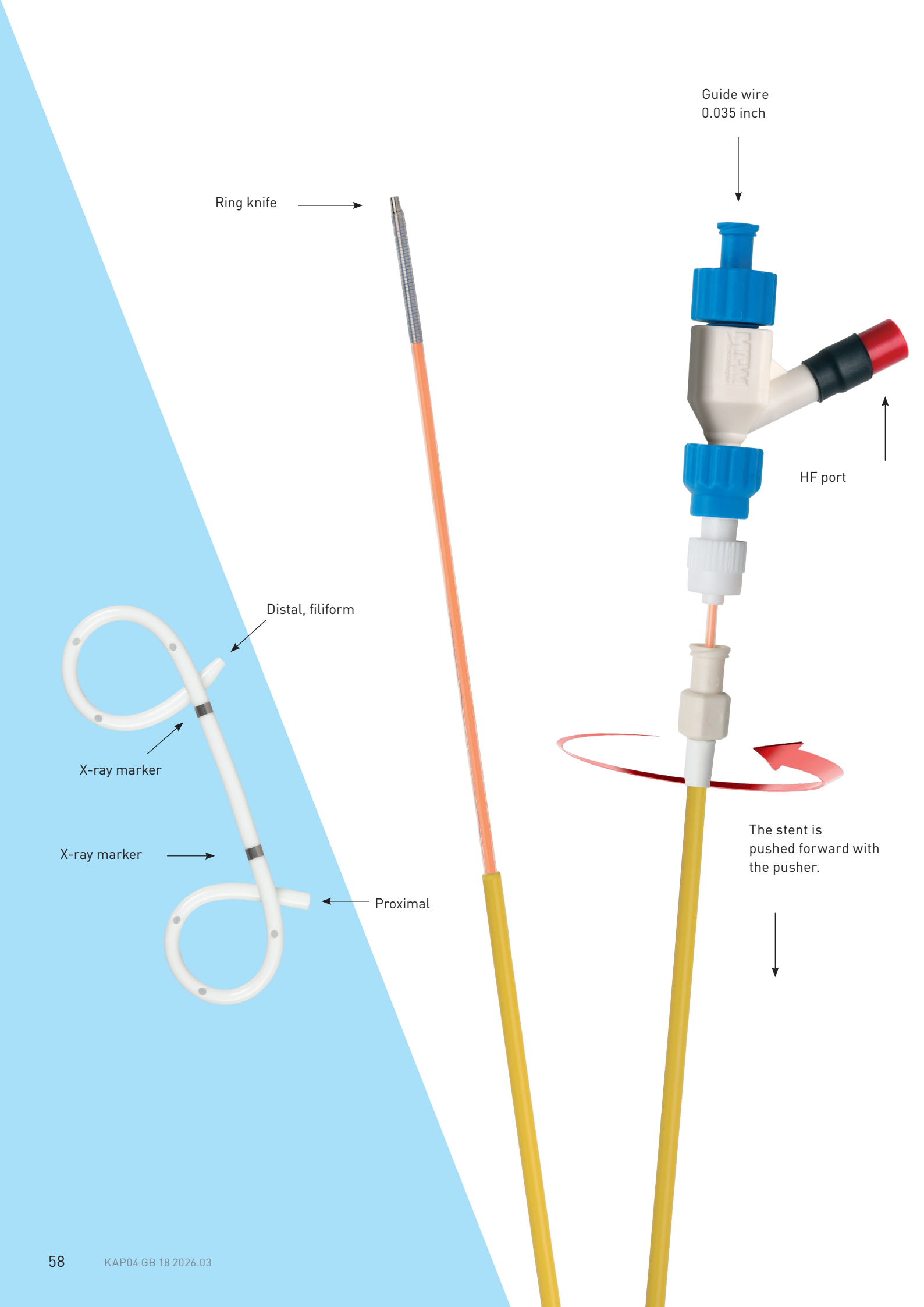
Double pigtail stent with ring knife

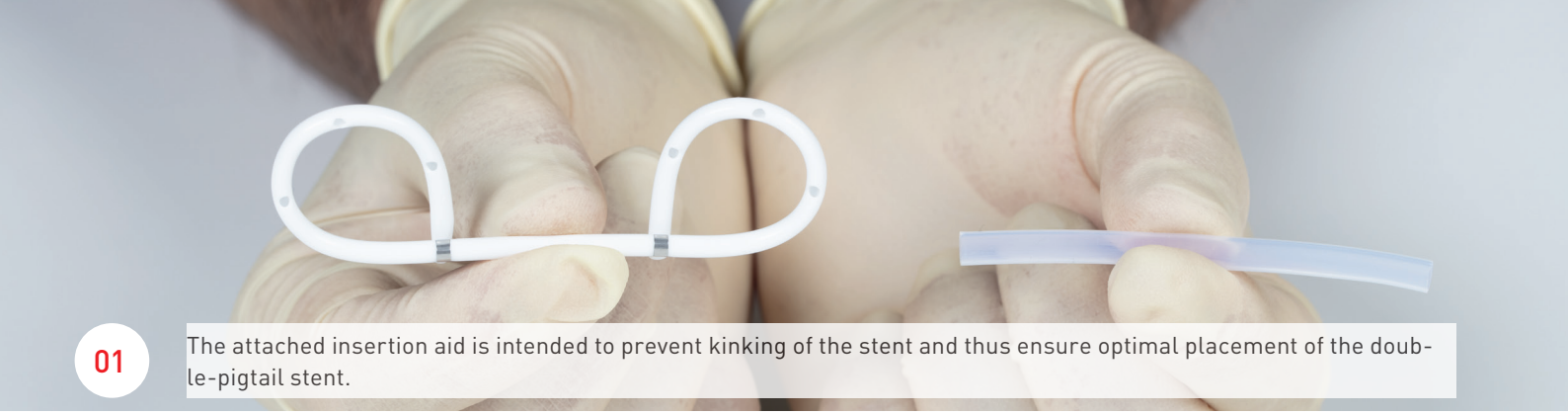
HF port



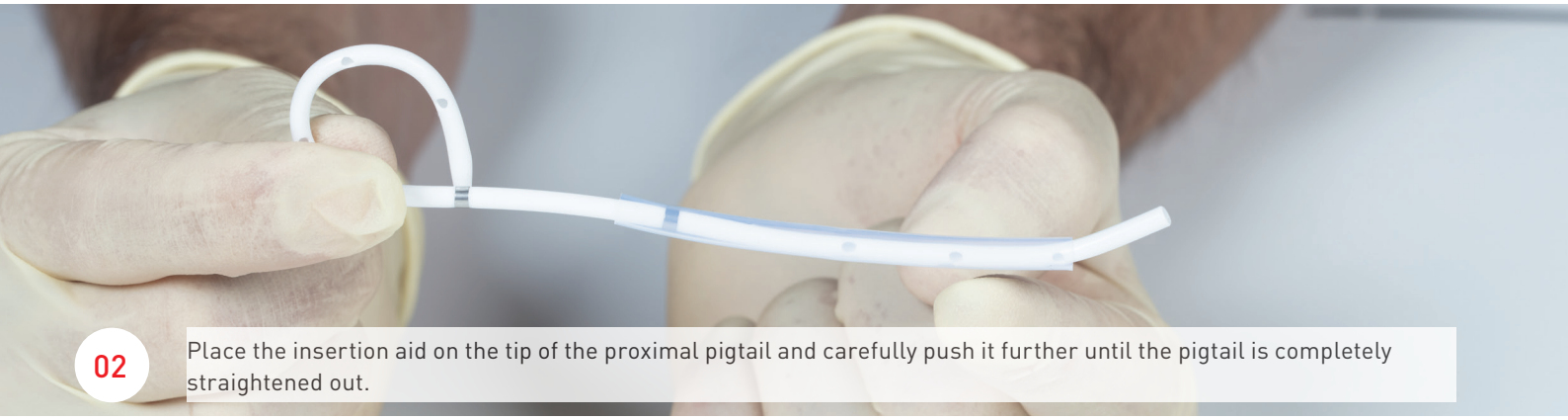
Guide wire
0.035 inch

The stent is
pushed forward with
the pusher.

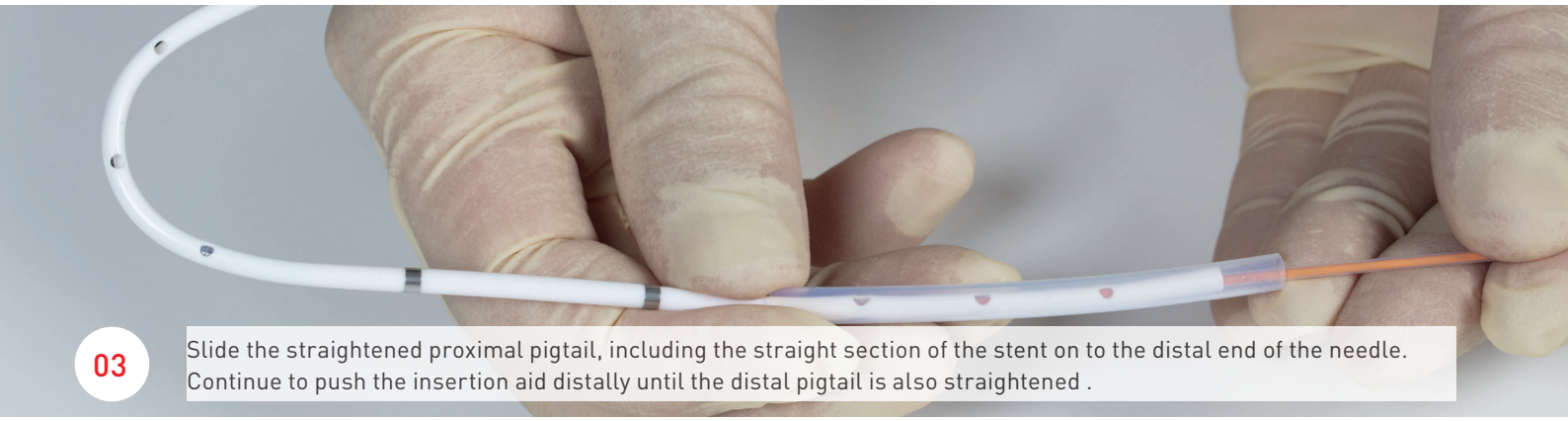

Guide wire
0.035 inch
Ring knife
HF port
Distal, filiform
X-ray marker
X-ray marker
Proximal
The stent is
pushed forward with
the pusher.



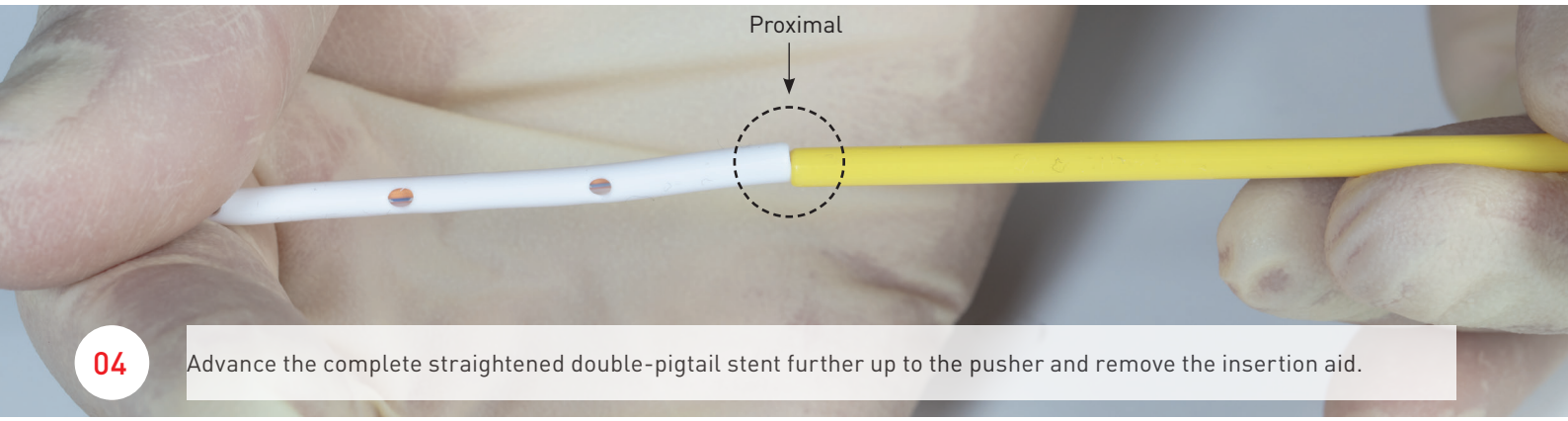
01 The attached insertion aid is intended to prevent kinking of the stent and thus ensure optimal placement of the double-pigtail stent.



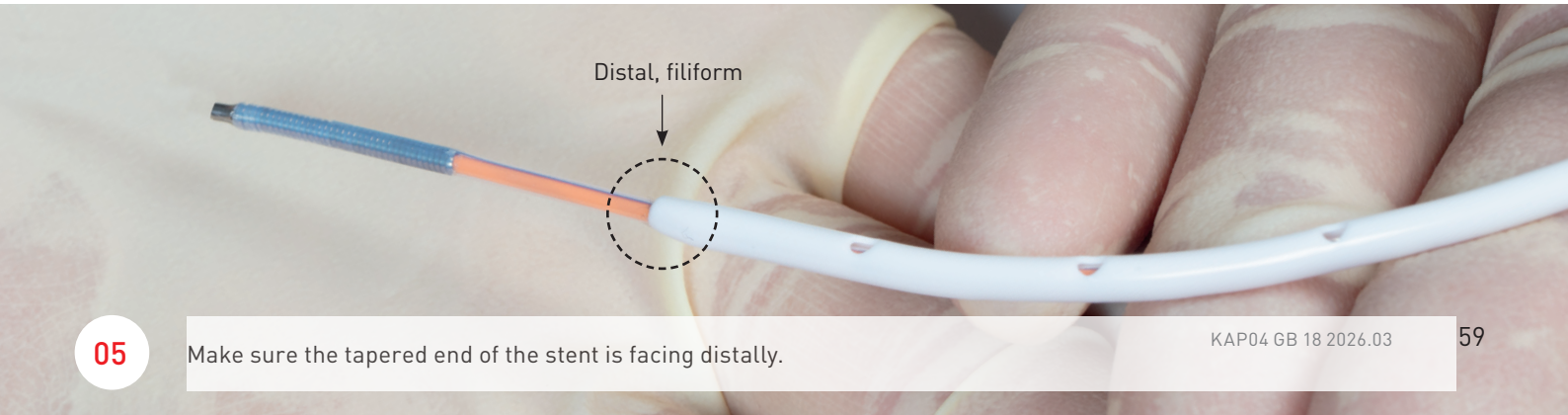
02 Place the insertion aid on the tip of the proximal pigtail and carefully push it further until the pigtail is completely straightened out.



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 .

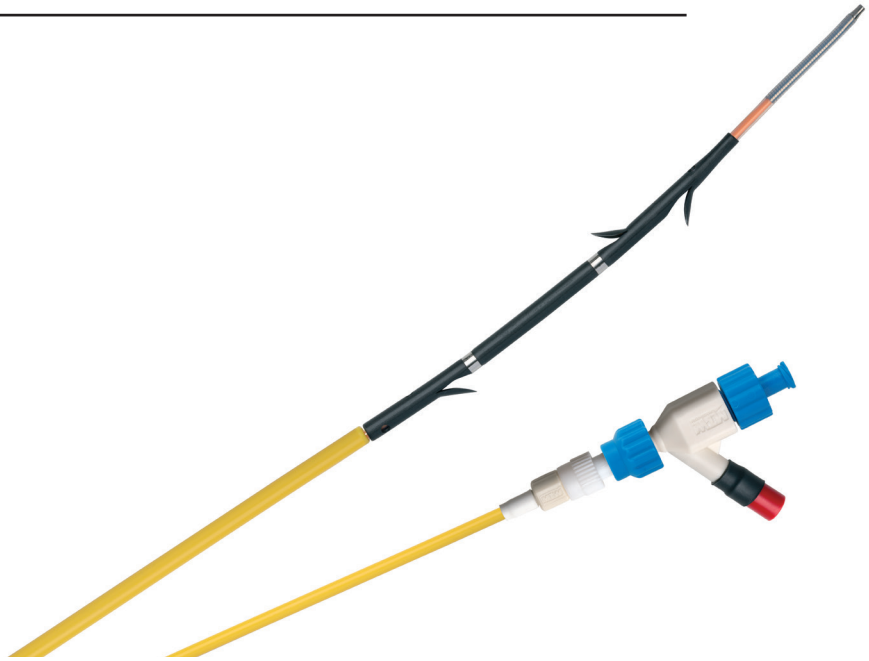


04 Advance the complete straightened double-pigtail stent further up to the pusher and remove the insertion aid.



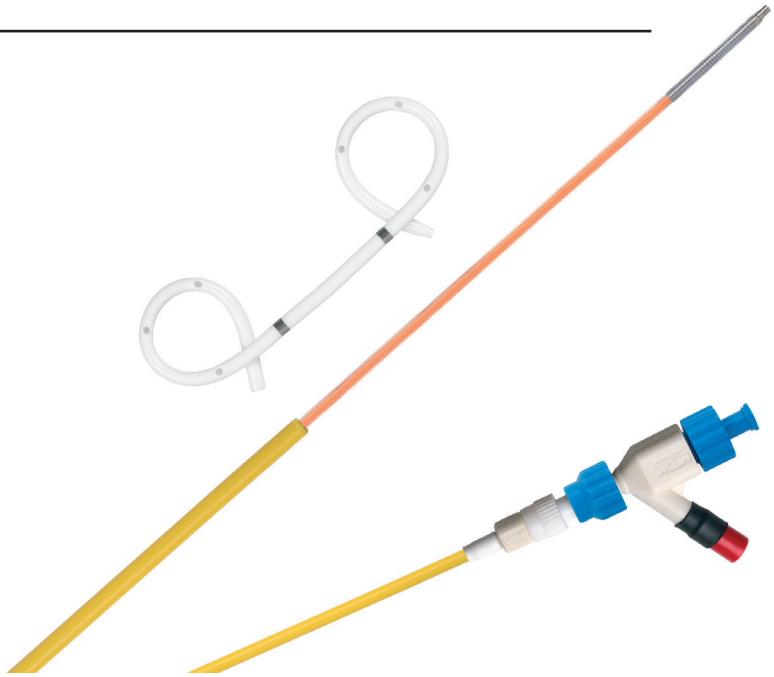
05 Make sure the tapered end of the stent is facing distally.

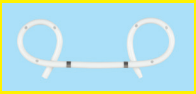
RING KNIFE SYSTEM PROF. DR. U. WILL



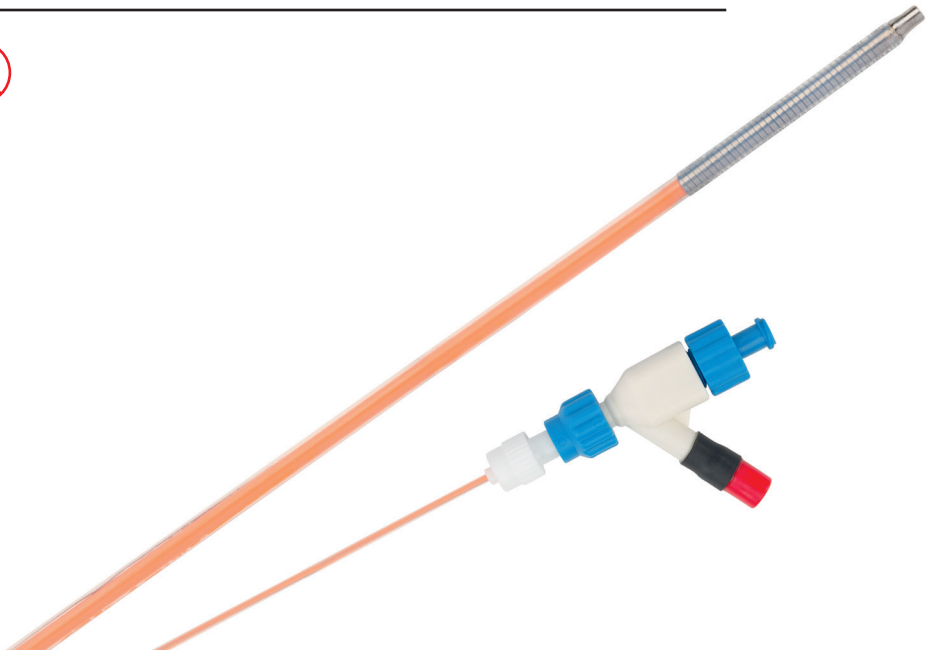
Order no.	Article no.	Ring knife system consisting of:	For guide wire inch	Diameter	Length	PU
04821003 x2 	04821003	Ring knife Pusher **Stent straight** **PTFE** **2 platinum rings**	0.035	Ring knife: 1,8 mm **Pusher: 10 Ch.** **Stent: 10 Ch.**	Ring knife: 215 cm Pusher: 165 cm **Stent:** **Total length: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

RING KNIFE SYSTEM PROF. DR. U. WILL



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



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

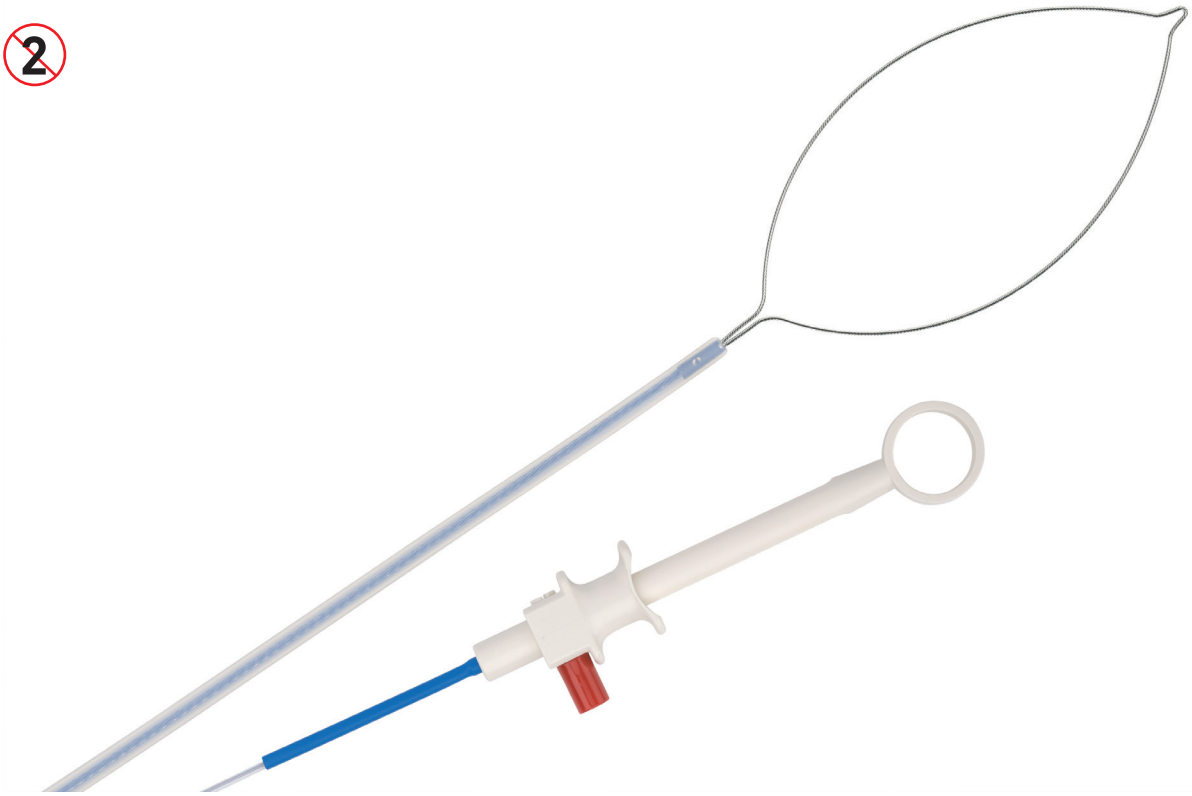
POLYPECTOMY SNARES 05

POLYPECTOMY SNARES



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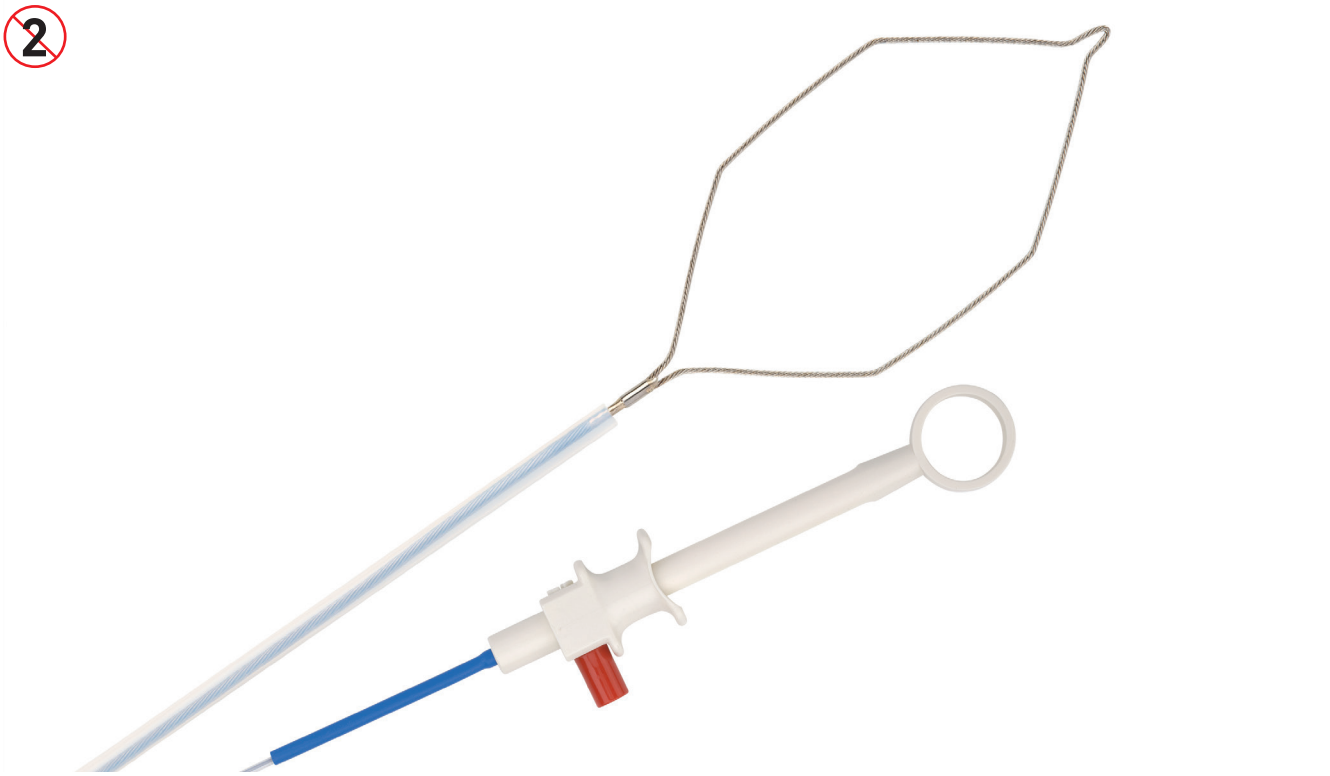
POLYPECTOMY SNARES, SYMMETRICAL



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
99052011245 x5	99052011245	35 x 70	monofil	2,3	230	5

Figure shows article REF 99052011232

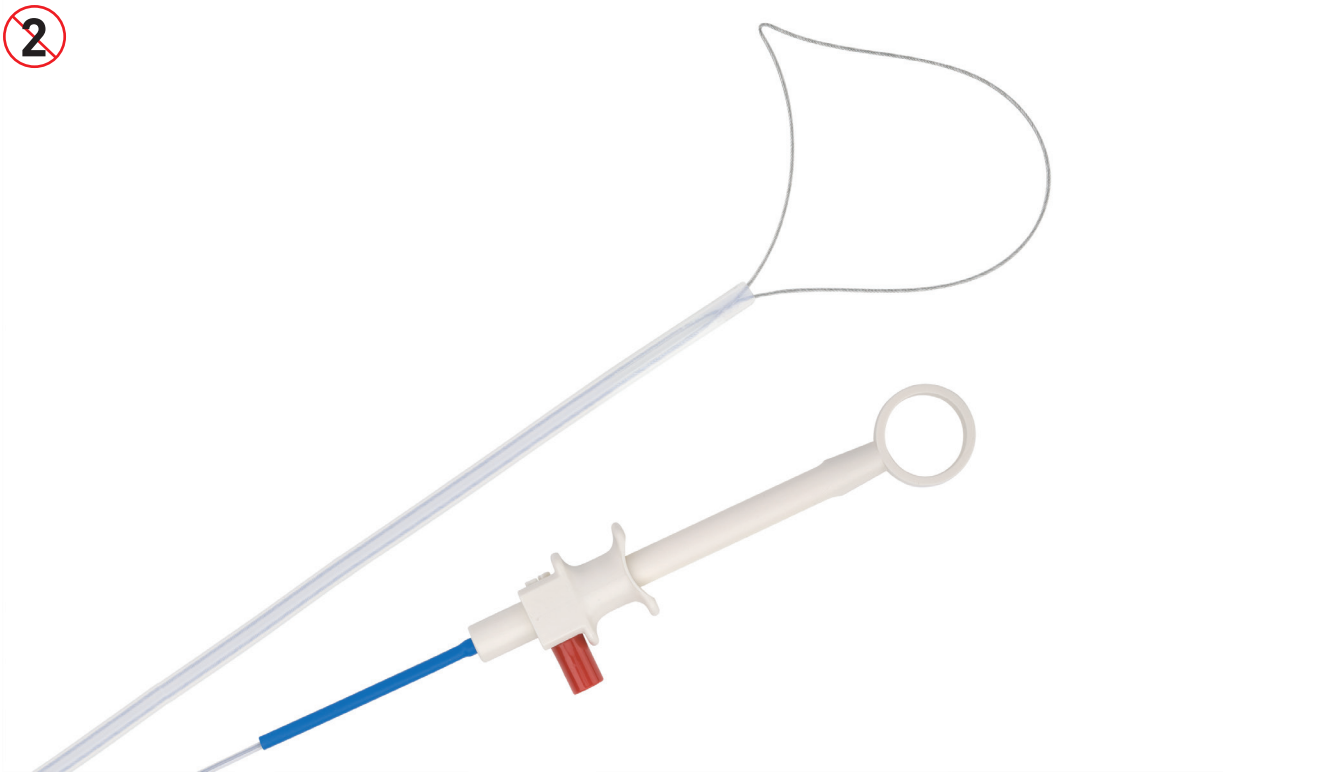
POLYPECTOMY SNARES, HEXAGONAL



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

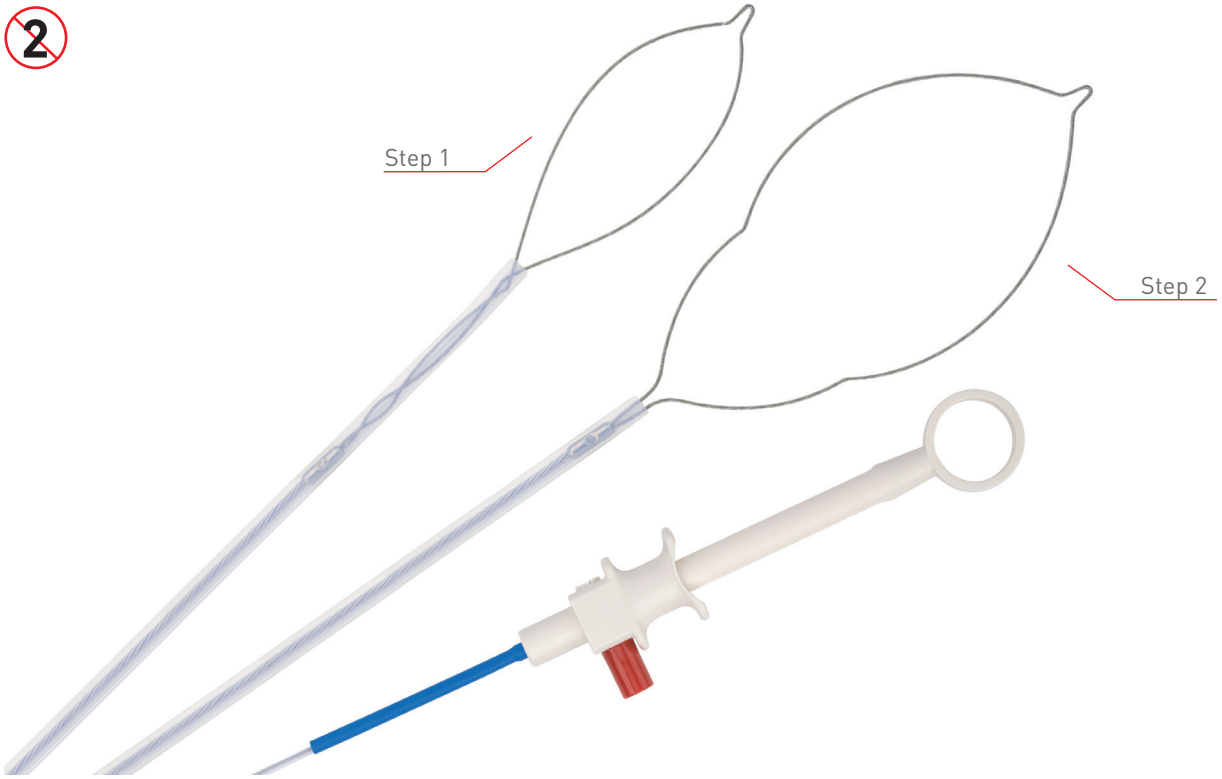
POLYPECTOMY SNARES, ASYMMETRICAL



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

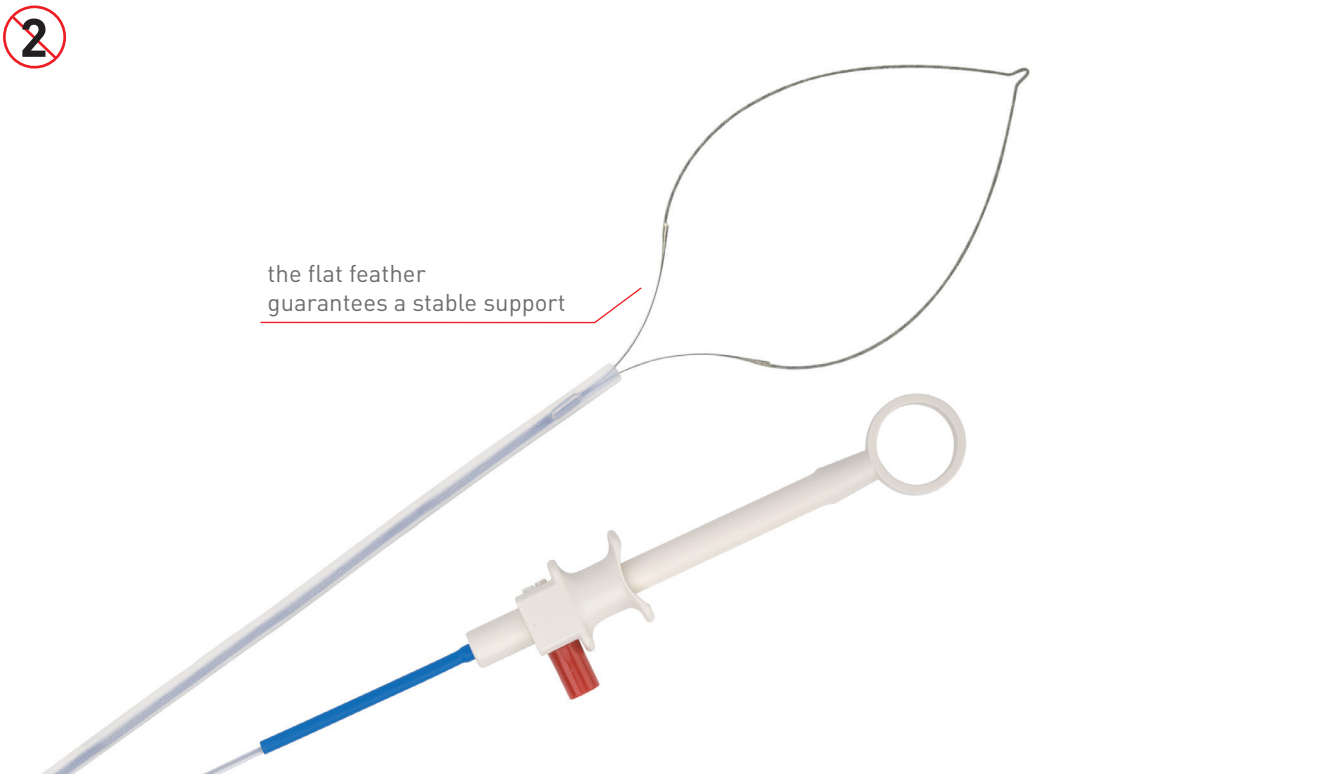
Figure shows article REF 99052011221

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

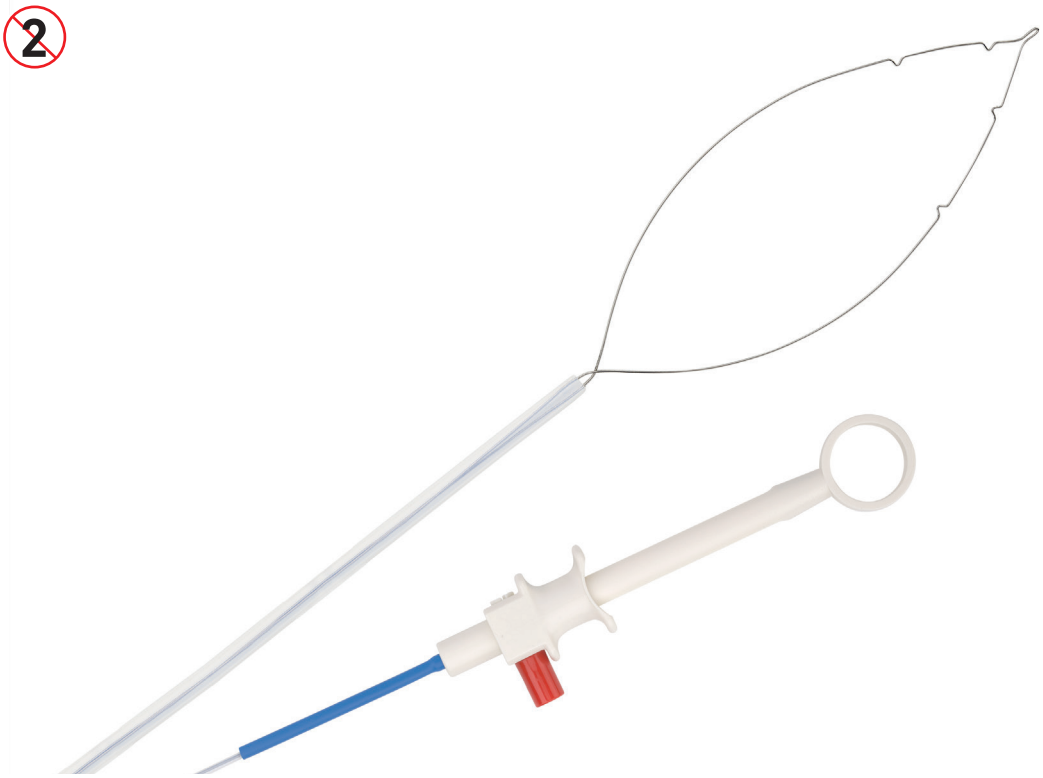
POLYPECTOMY SNARES, SYMMETRICAL WITH FLAT FEATHER



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



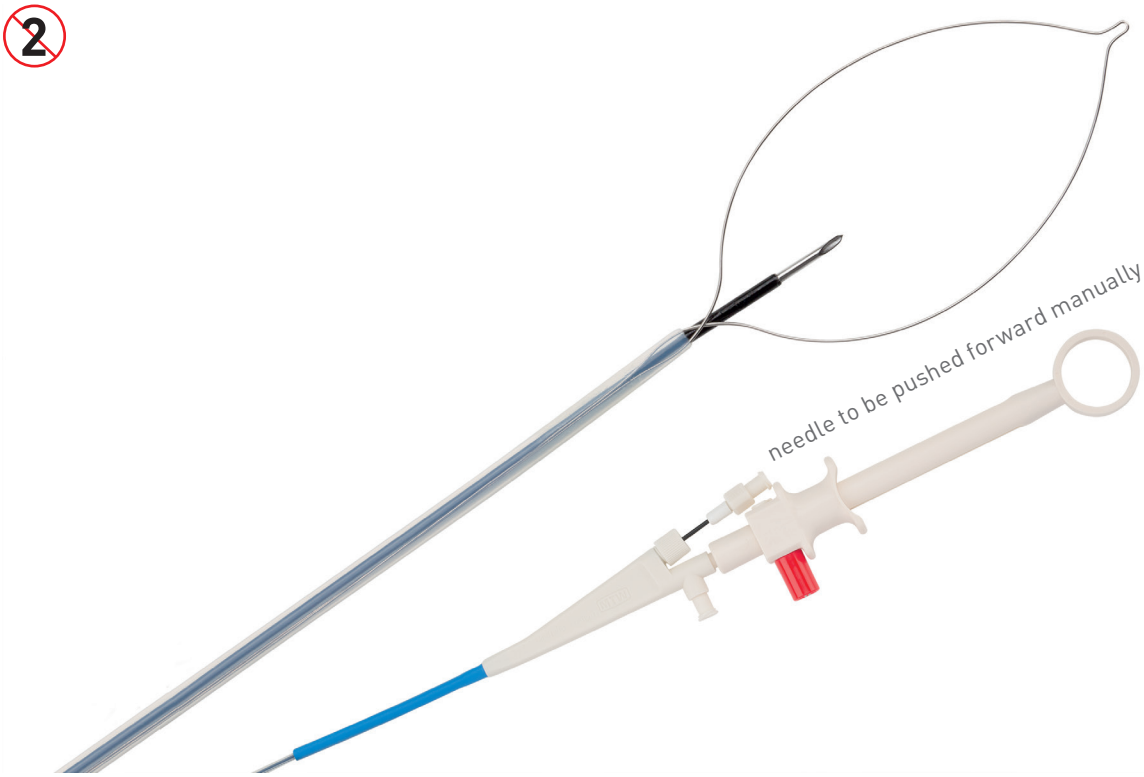
Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99052051215 x5	99052051215	15 x 37	monofil, with 4 teeth	2,3	230	5
99052051225 x5	99052051225	25 x 55	monofil, with 4 teeth	2,3	230	5

Figure shows article REF 99052051225

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POLYPECTOMY SNARE “SKORPIO-SNARE“, WITH INJECTION NEEDLE

2

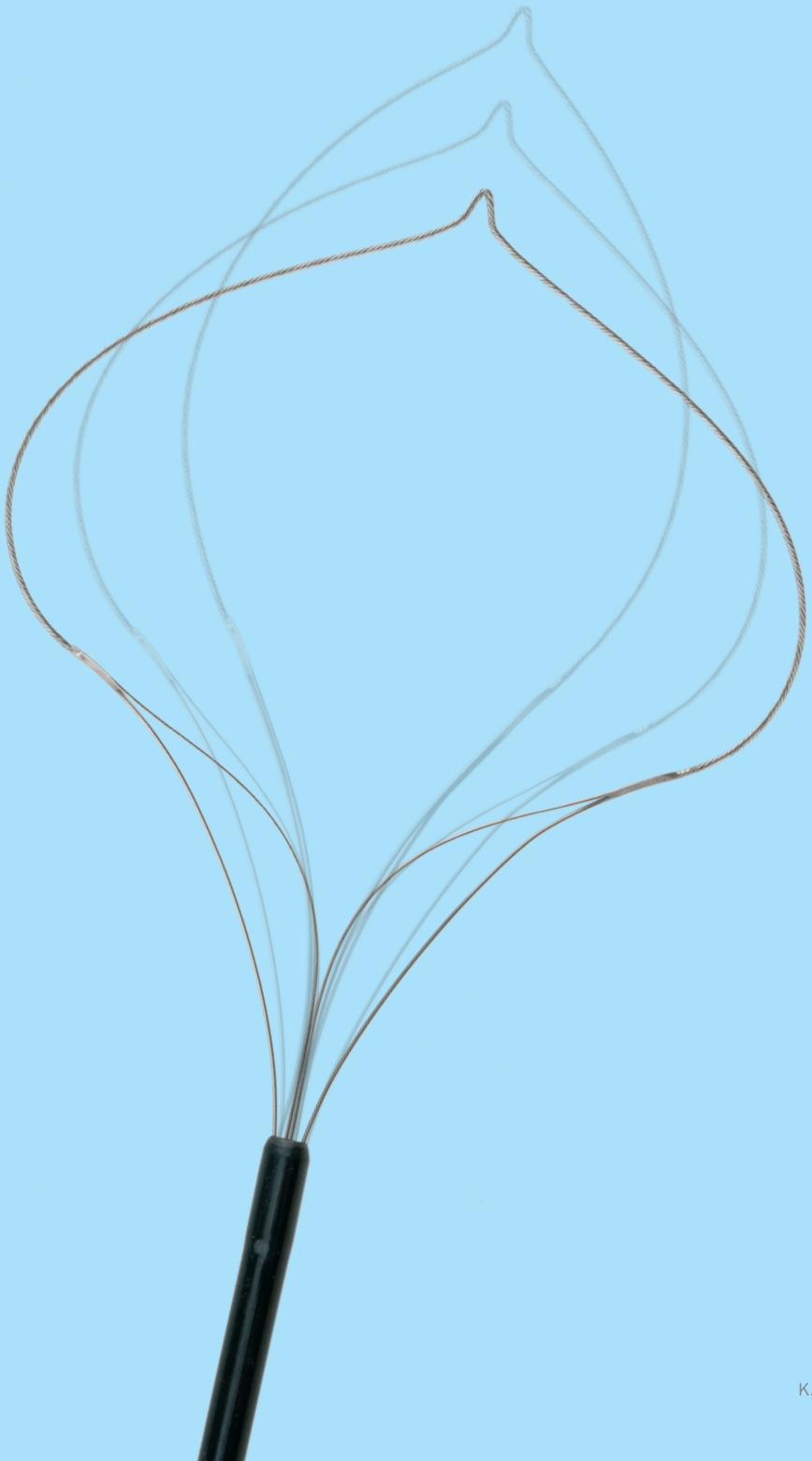


Order no.	Article no.	Opening size width x height mm	Wire type	Needle Ø mm	Diameter mm	Length cm	PU
99052111225 x5	99052111225	approx. 20 x 40	monofil	0,7	2,6	230	5

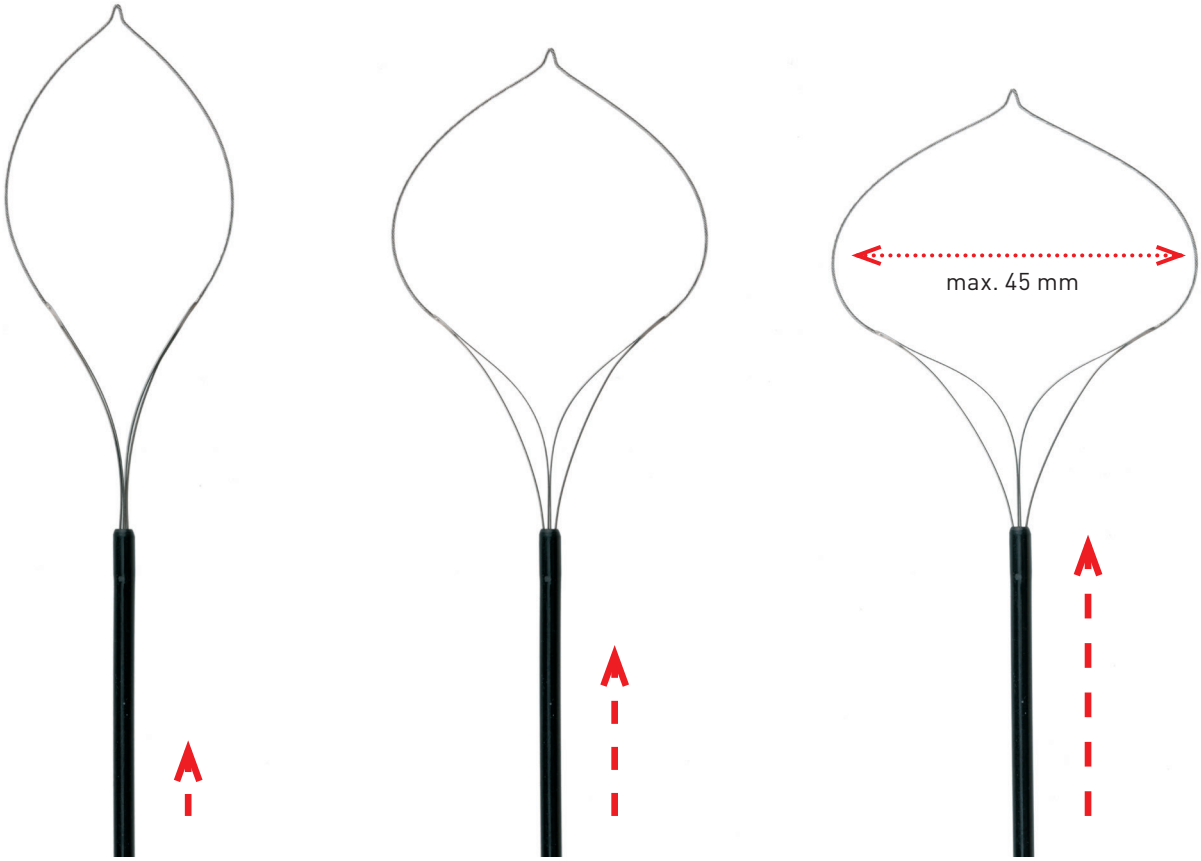
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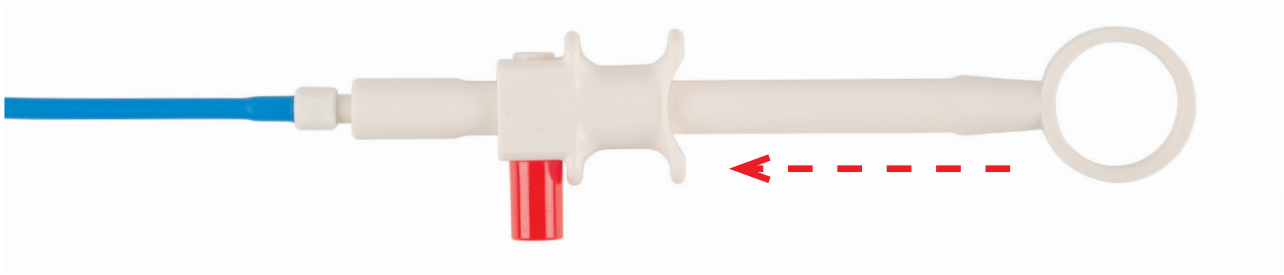
Kudo-Snare

controllable opening width, polypectomy snare suitable for mucosectomy

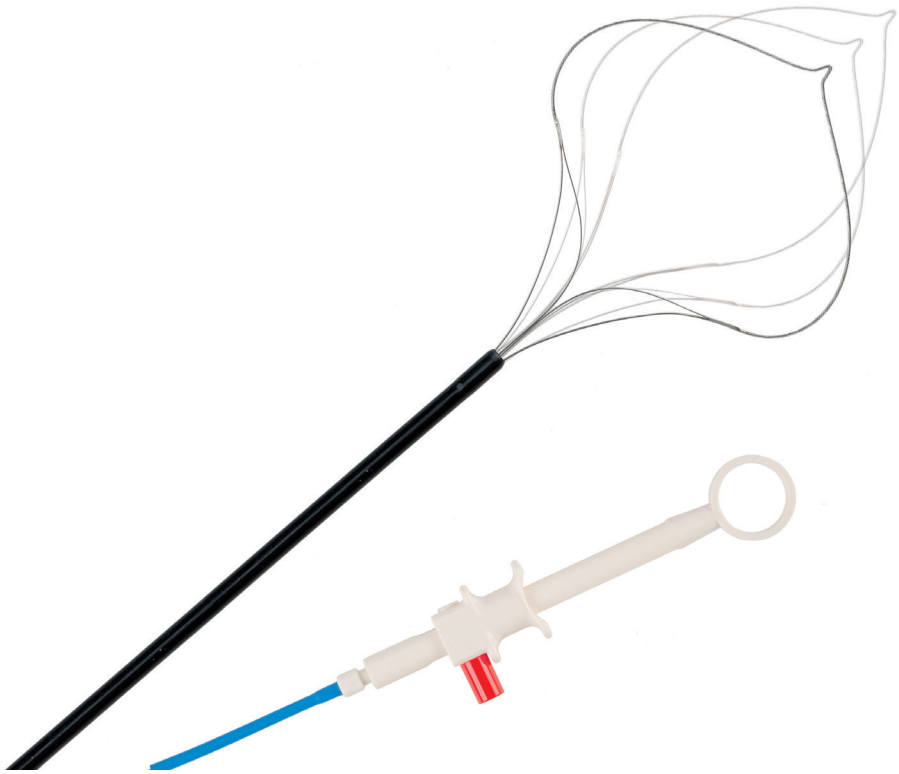


HANDCRAFTED BY MTW ENDOSKOPIE
SINCE 1975


max. 45 mm



POLYPECTOMY SNARE “KUDO-SNARE“, CONTROLLABLE

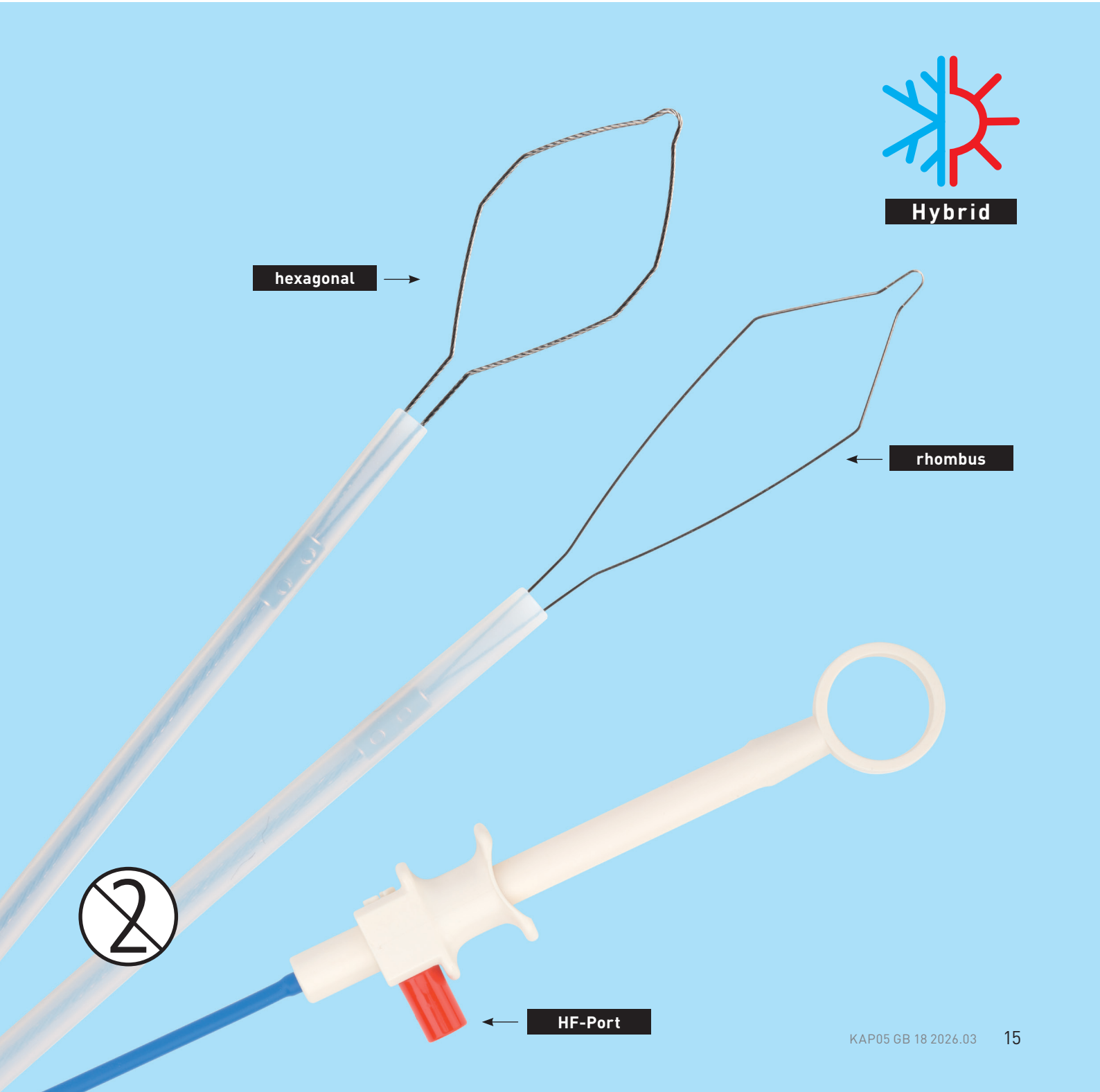


Order no.	Article no.	Opening size width x height mm	Wire type	Diameter mm	Length cm	PU
99052011238 x2	99052011238	min. approx. 29 x 57 max. approx. 45 x 43	twisted, with flat feather	2,6	230	2

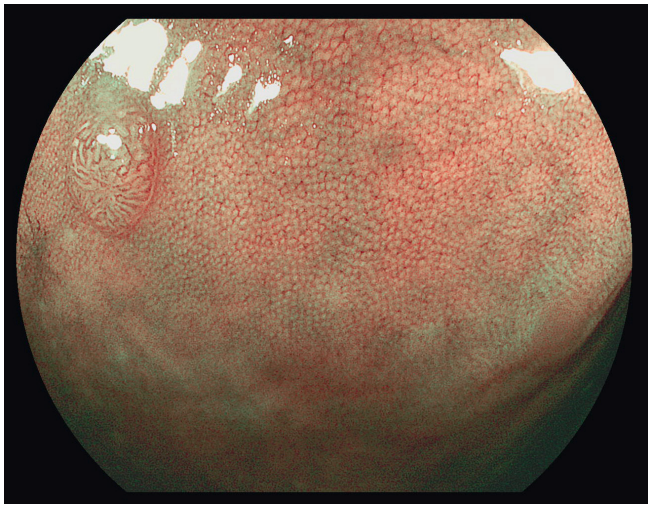
MTW®
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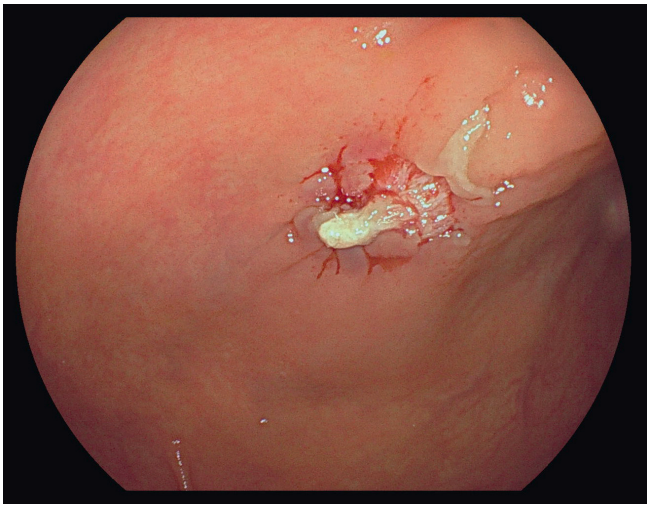
Polypectomy snare

for cold and hot resection



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

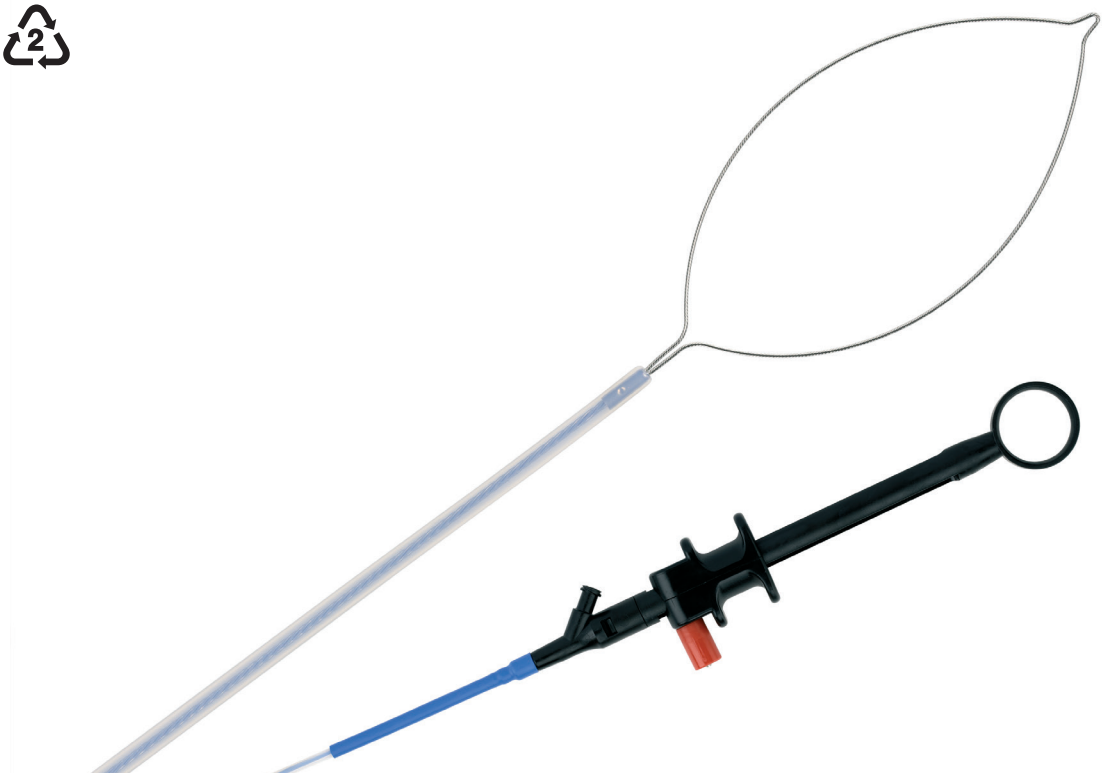
Polypectomy snare

Hybrid

for cold and hot resection

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

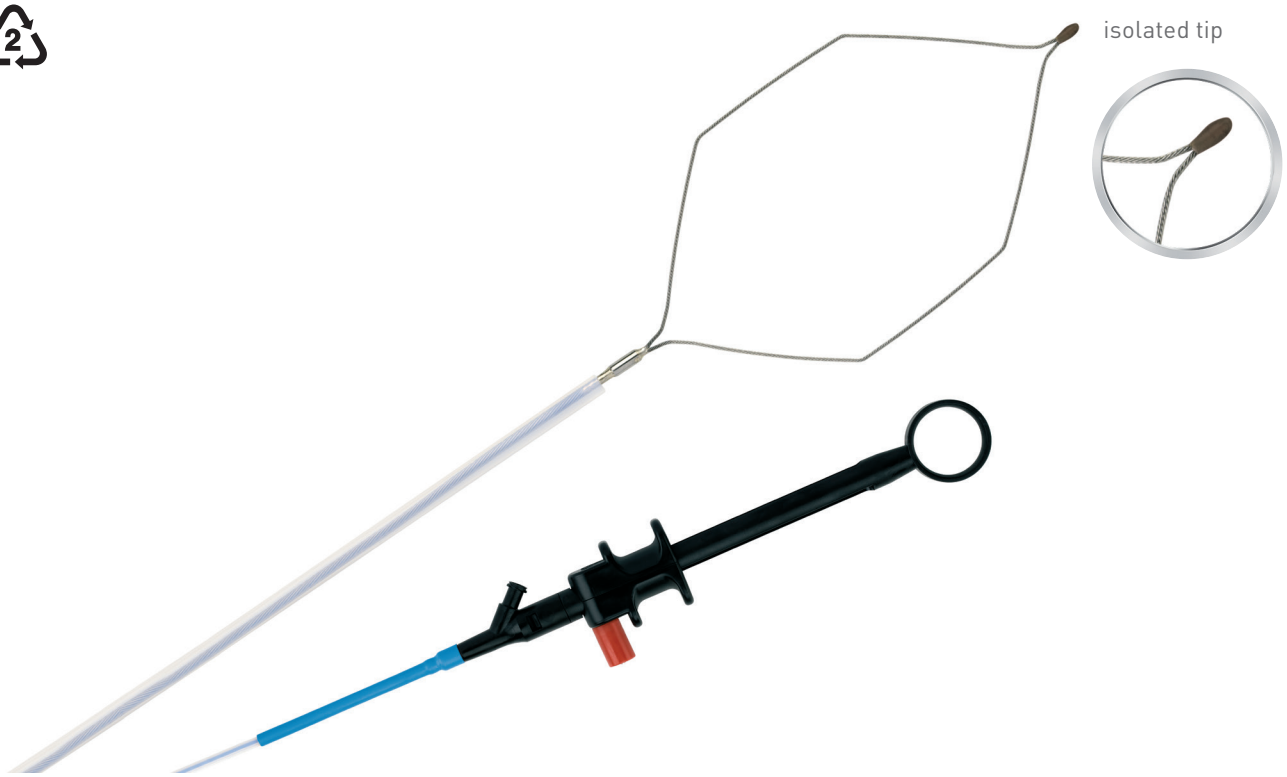
POLYPECTOMY SNARE, SYMMETRICAL



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, 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

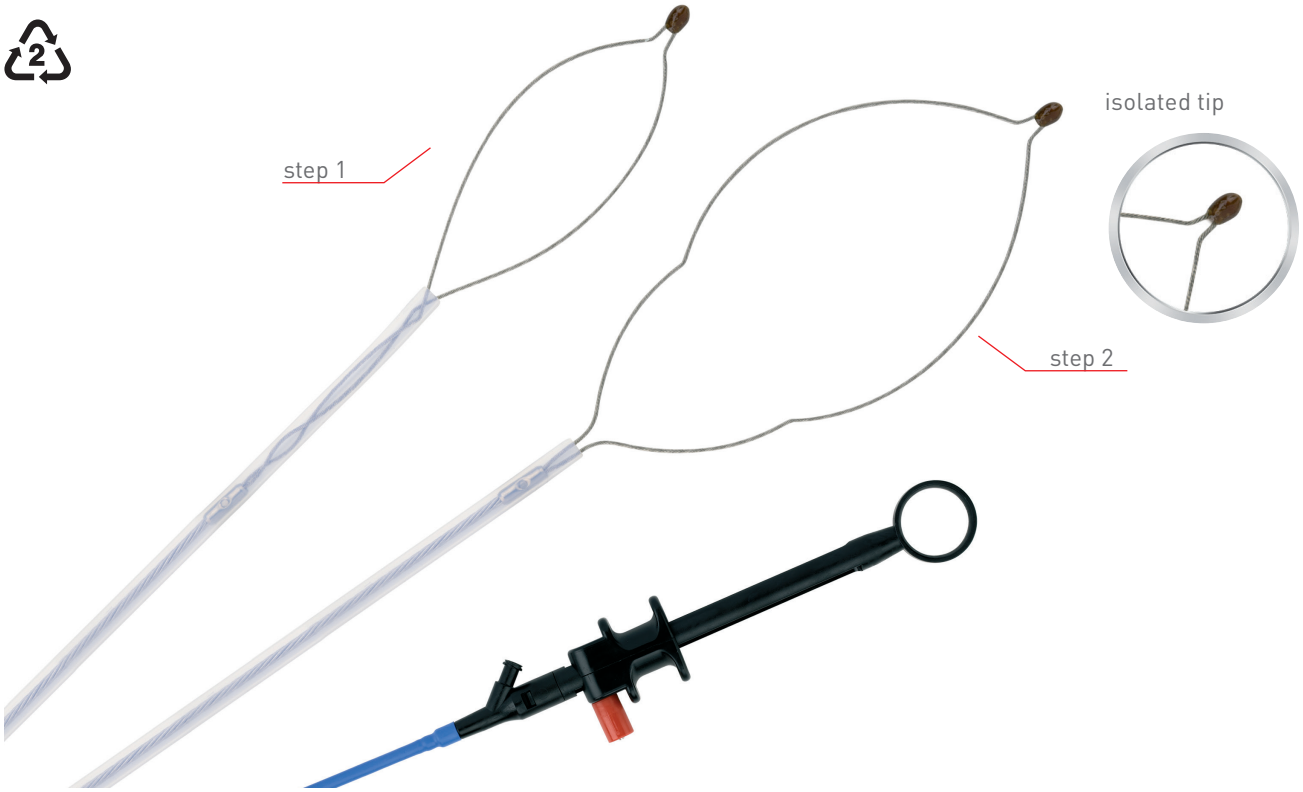
POLYPECTOMY SNARE, ASYMMETRICAL



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 06

HOT-BIOPSY FORCEPS

MICRO-BITES

BIOPSY FORCEPS



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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



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

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BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated or fenestrated with spike, not covered

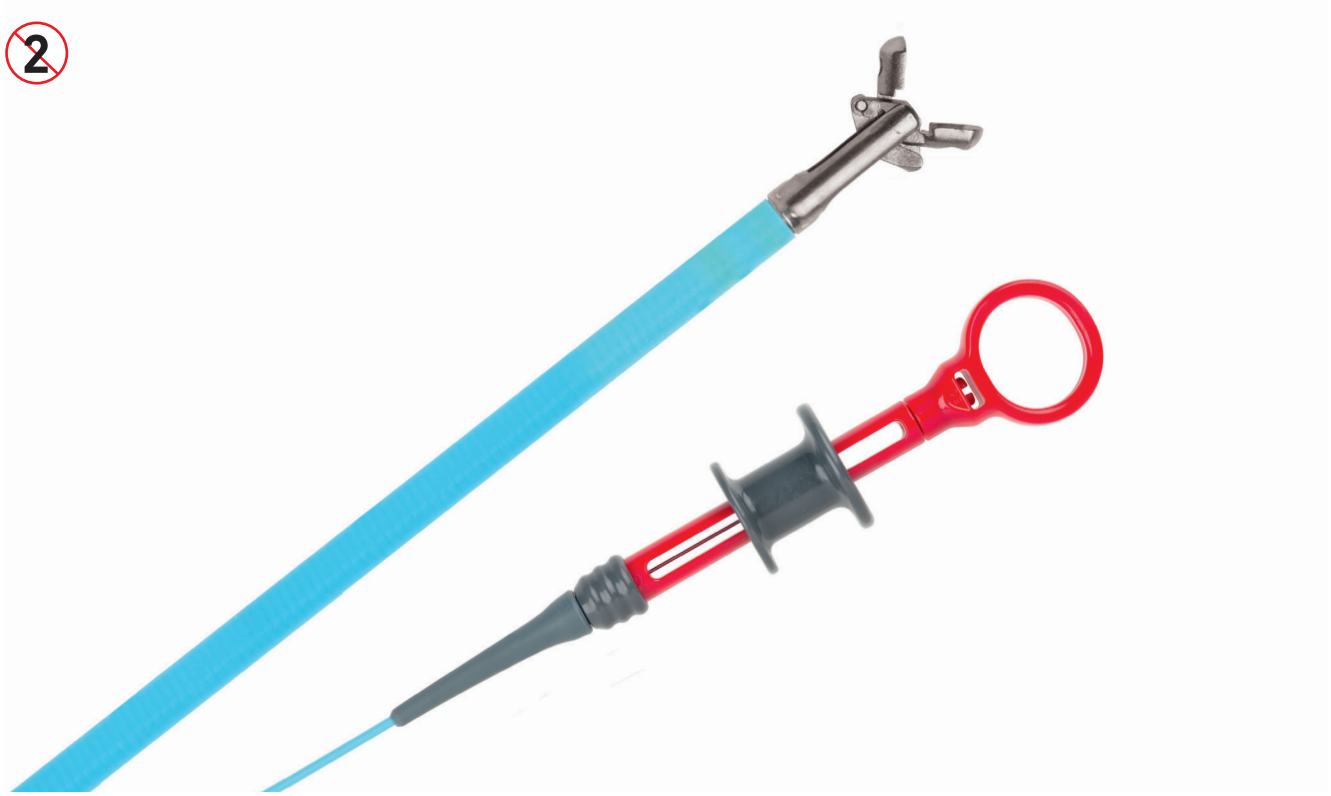


Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99060502805 x100	99060502805		2,3	180	100
99060502815 x100	99060502815	•	2,3	180	100
99060502804 x100	99060502804		2,3	230	100
99060502814 x100	99060502814	•	2,3	230	100

Figure shows article REF 99060502805

BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

fenestrated or fenestrated with spike, coated

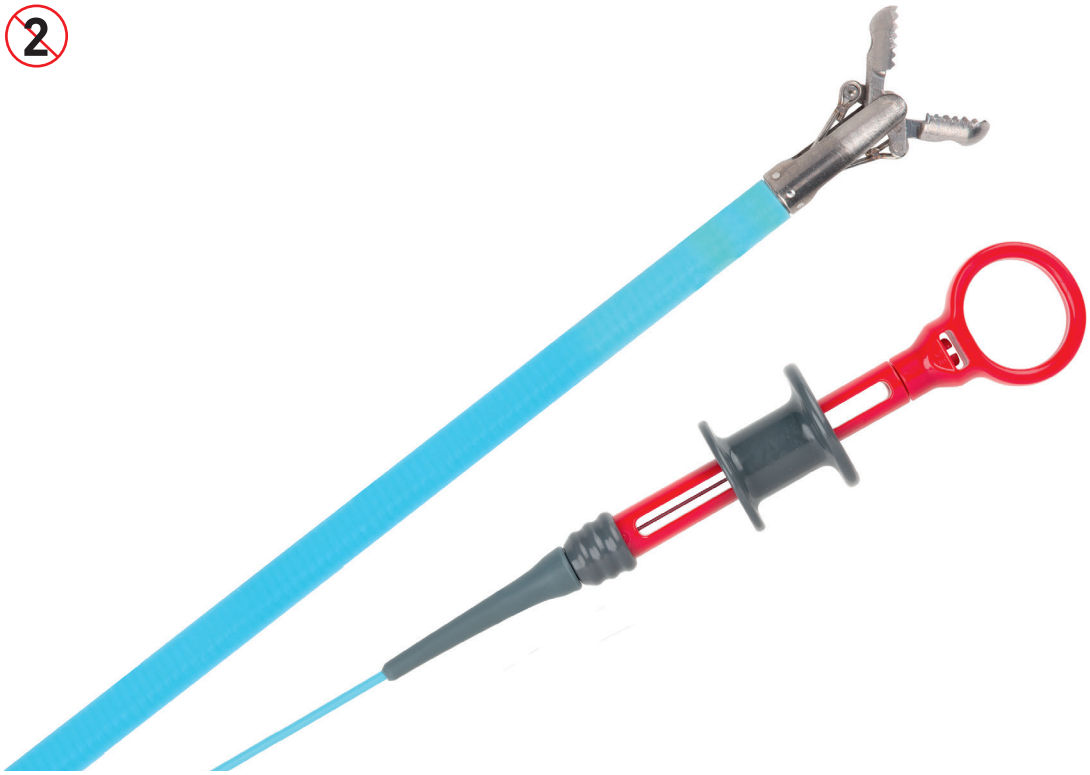


Order no.	Article no.	With spike	Diameter mm	Length cm	PU
99064402805 x10	99064402805		1,8	180	10
99064502805 x100	99064502805		2,3	180	100
99064502804 x100	99064502804		2,3	230	100
99064702804 x10	99064702804		3,0	230	10
99064502815 x100	99064502815	•	2,3	180	100
99064502814 x100	99064502814	•	2,3	230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

Figure shows article REF 99064502805

BIOPSY FORCEPS, TOOTHED OVAL SPOONSHAPED MOUTH

fenestrated, coated



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

HOT-BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

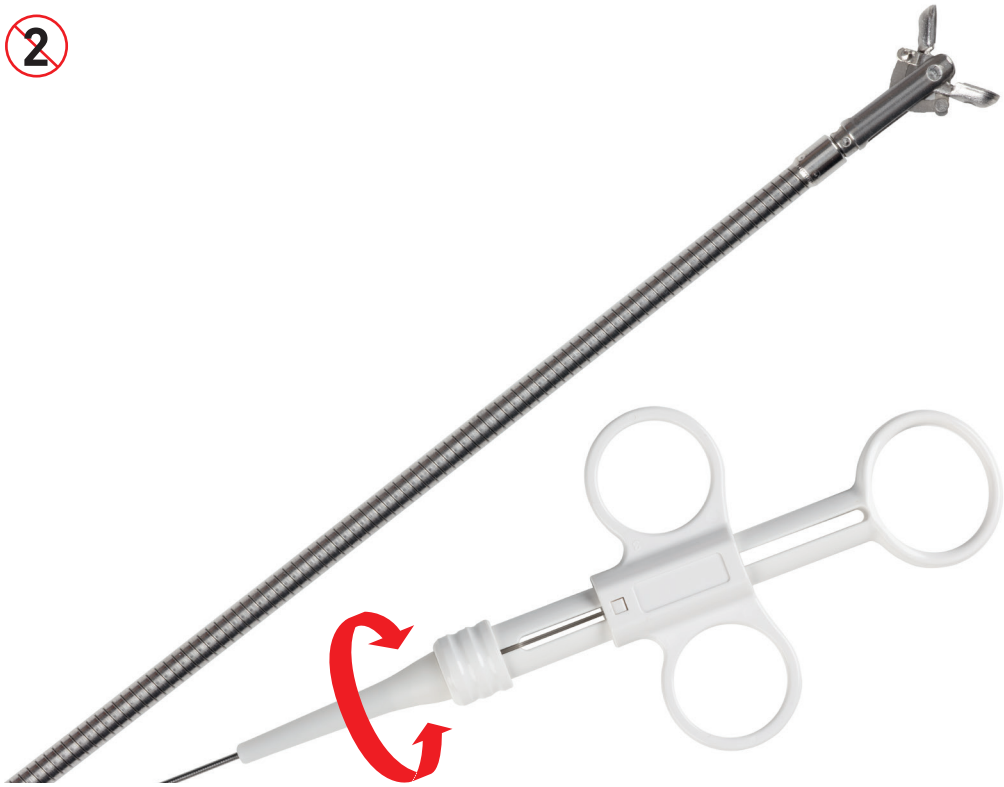
fenestrated



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

BIOPSY FORCEPS, OVAL SPOONSHAPED MOUTH

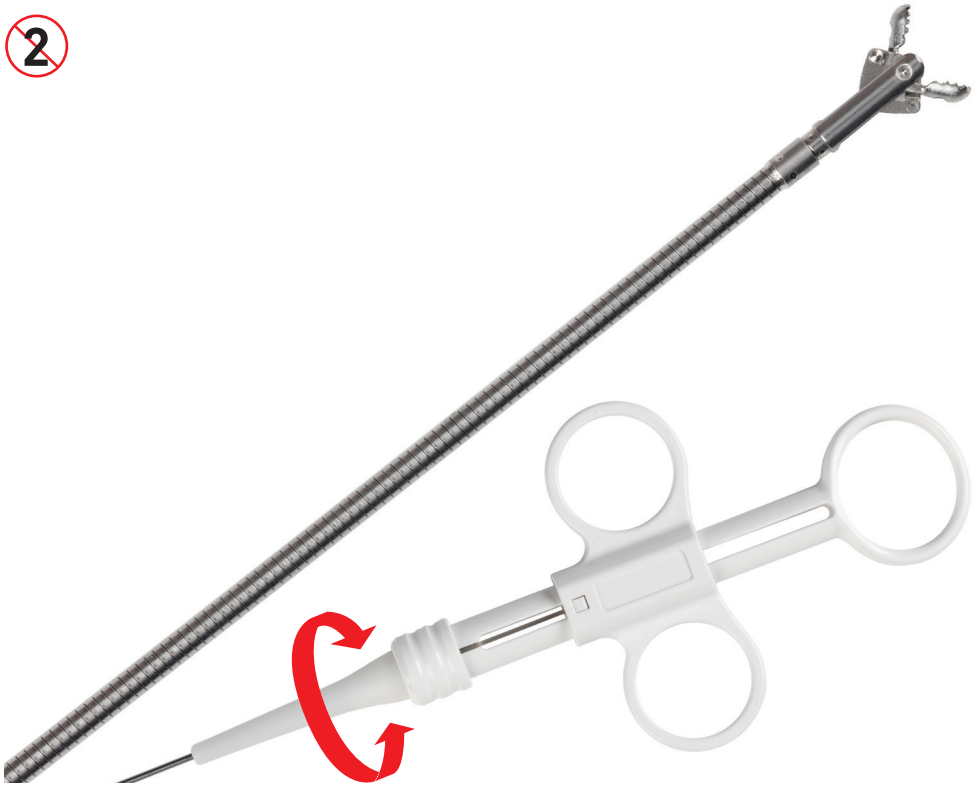
not covered, rotatable



Order no.	Article no.	Diameter mm	Length cm	PU
FB-A-N-18-1200 x10	FB-A-N-18-1200	1,8	120	10

BIOPSY FORCEPS, TOOTHED OVAL SPOONSHAPED MOUTH

not covered, rotatable

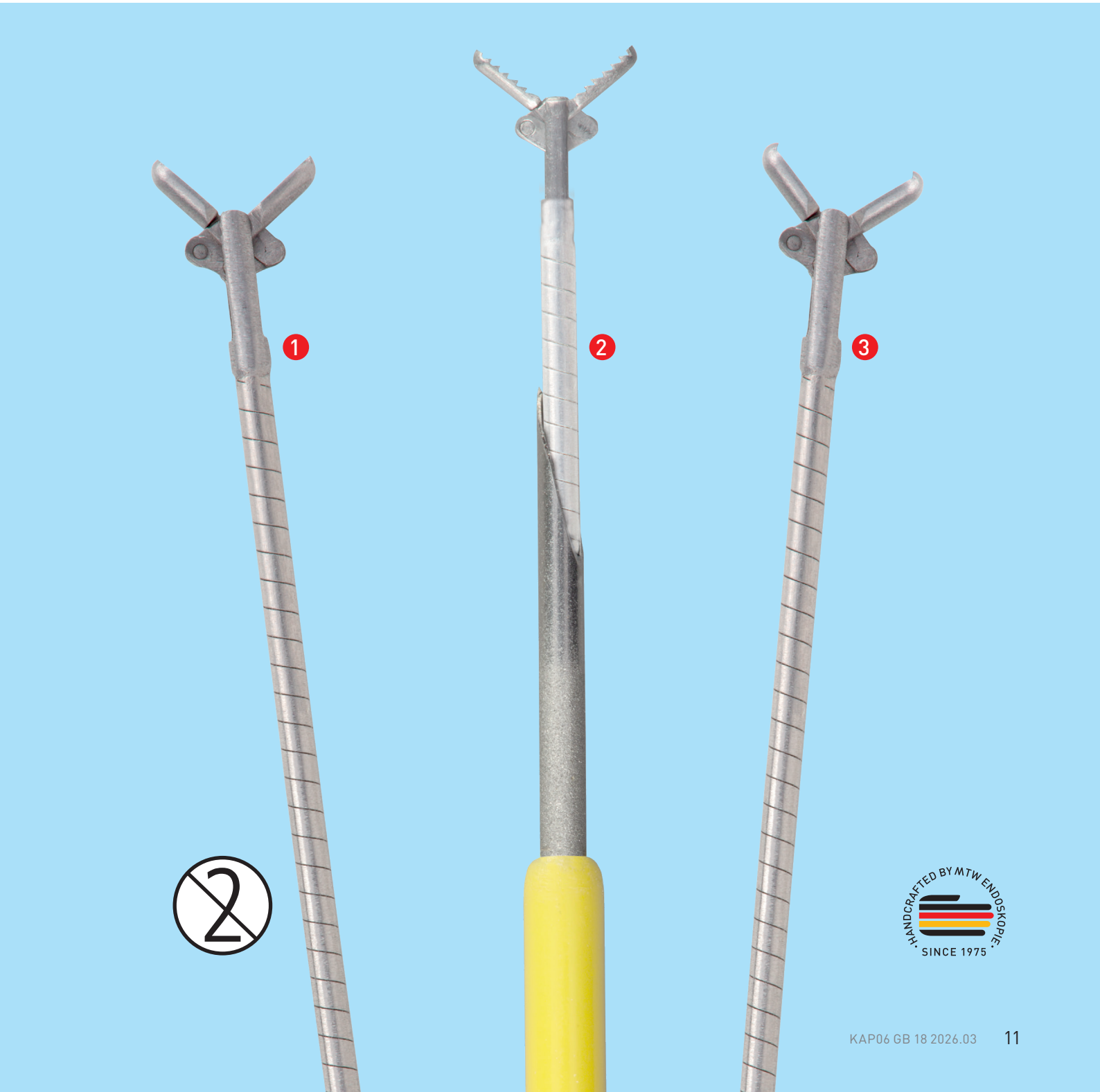


Order no.	Article no.	Diameter mm	Length cm	PU
FB-C-N-18-1200 x10	FB-C-N-18-1200	1,8	120	10

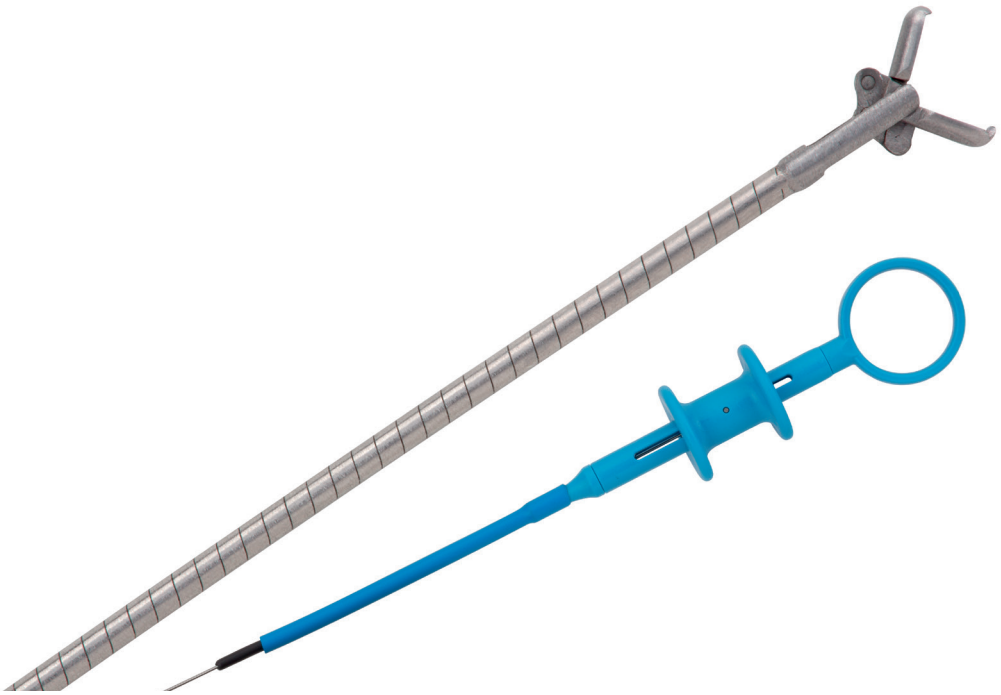
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Micro Bite

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

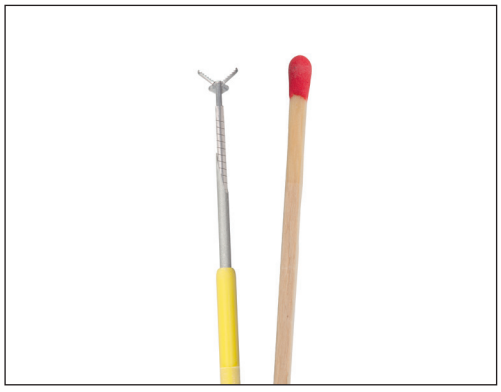


BIOPSY FORCEPS “MICRO-BITE”



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

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 spoonshaped mouth, toothed



Order no.	Article no.	Diameter mm	Length cm	PU
061003004	061003004	0,8	230	1
061103003	061103003	1,0	230	1

Figure shows article REF 061103003

COLOUR CODES AND SYMBOLS

 — Disposable products

 — Reusable products

FOREIGN BODY 07

REMOVING FORCEPS

POLYPOTOMES

POLYP TRAP NET LOOPS

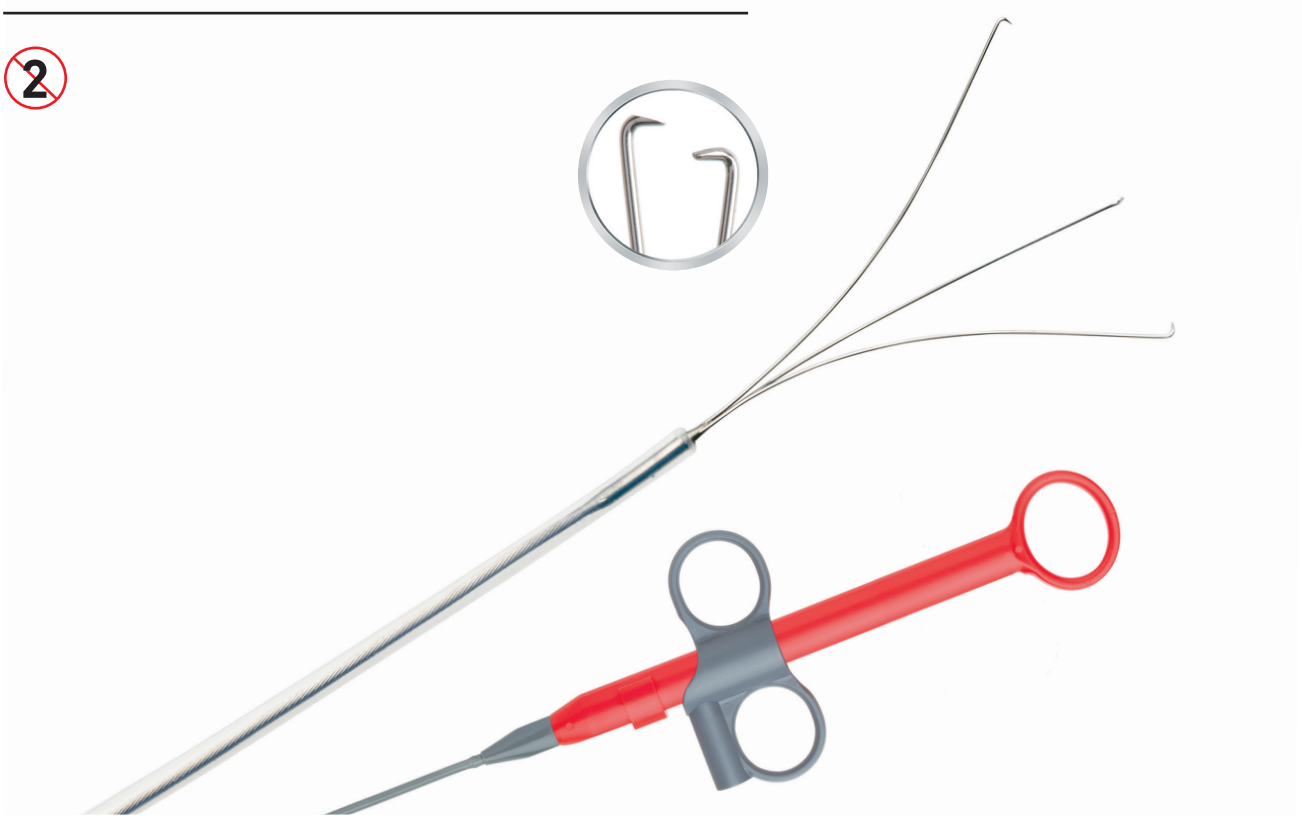
BASKET FOR FOREIGN BODY

FOREIGN BODY REMOVING FORCEPS



FOREIGN BODY REMOVING FORCEPS

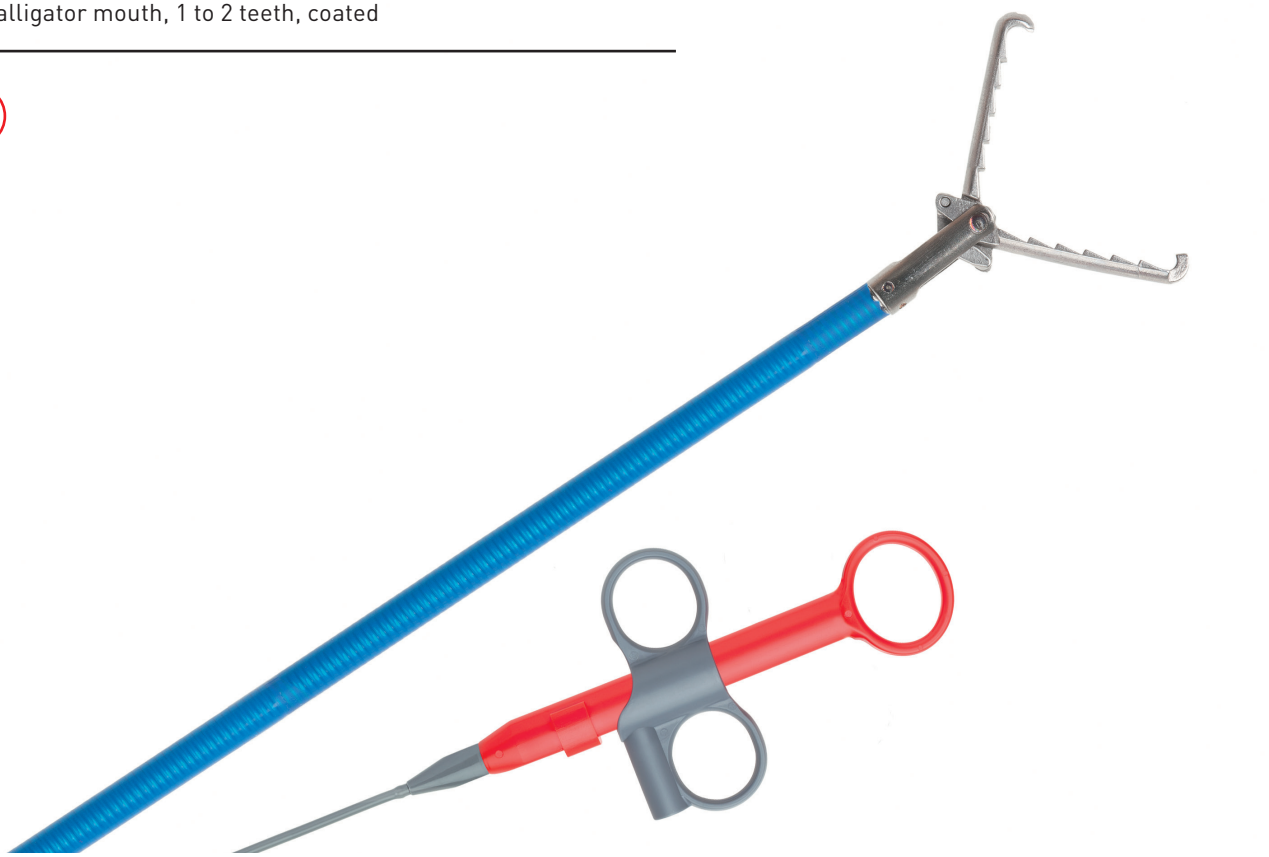
PTFE- tube



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

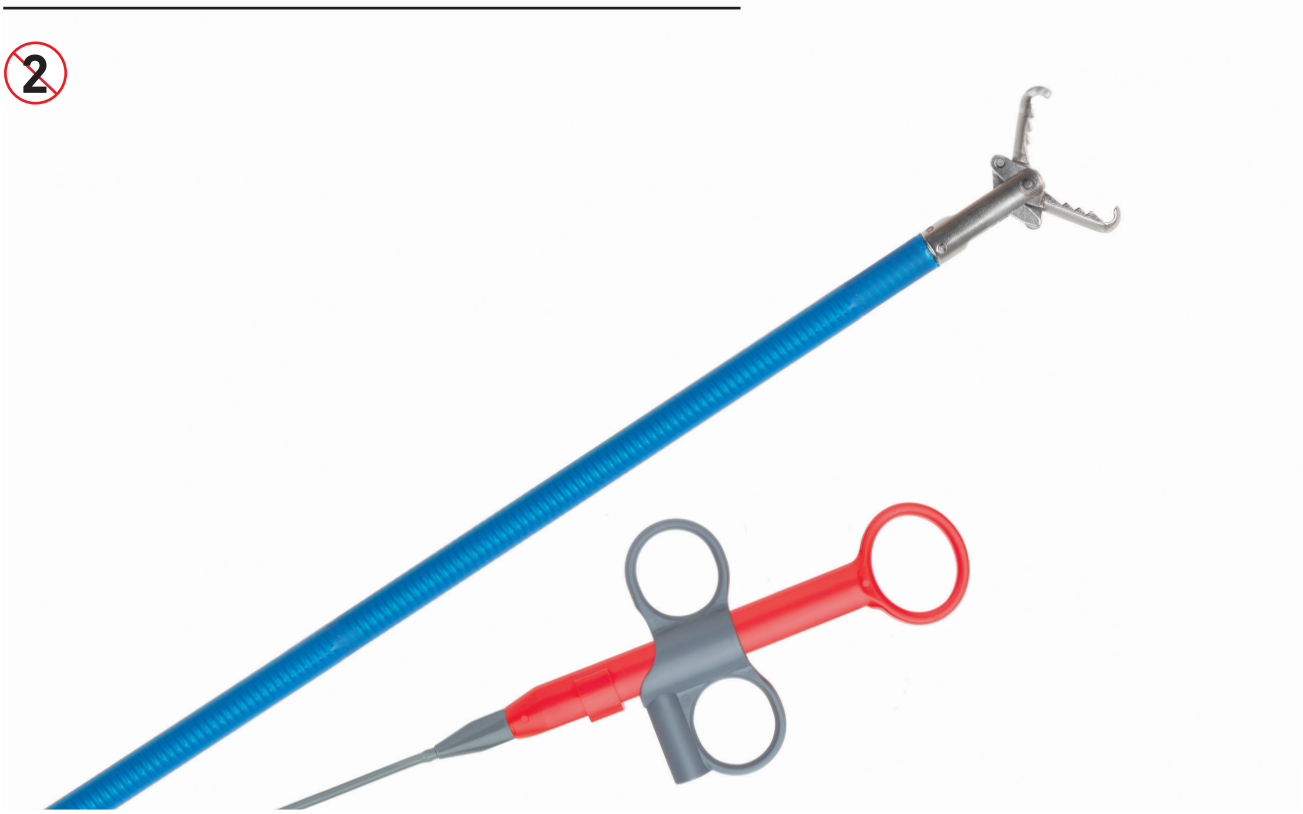
long alligator mouth, 1 to 2 teeth, coated



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



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

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Foreign body removing forceps

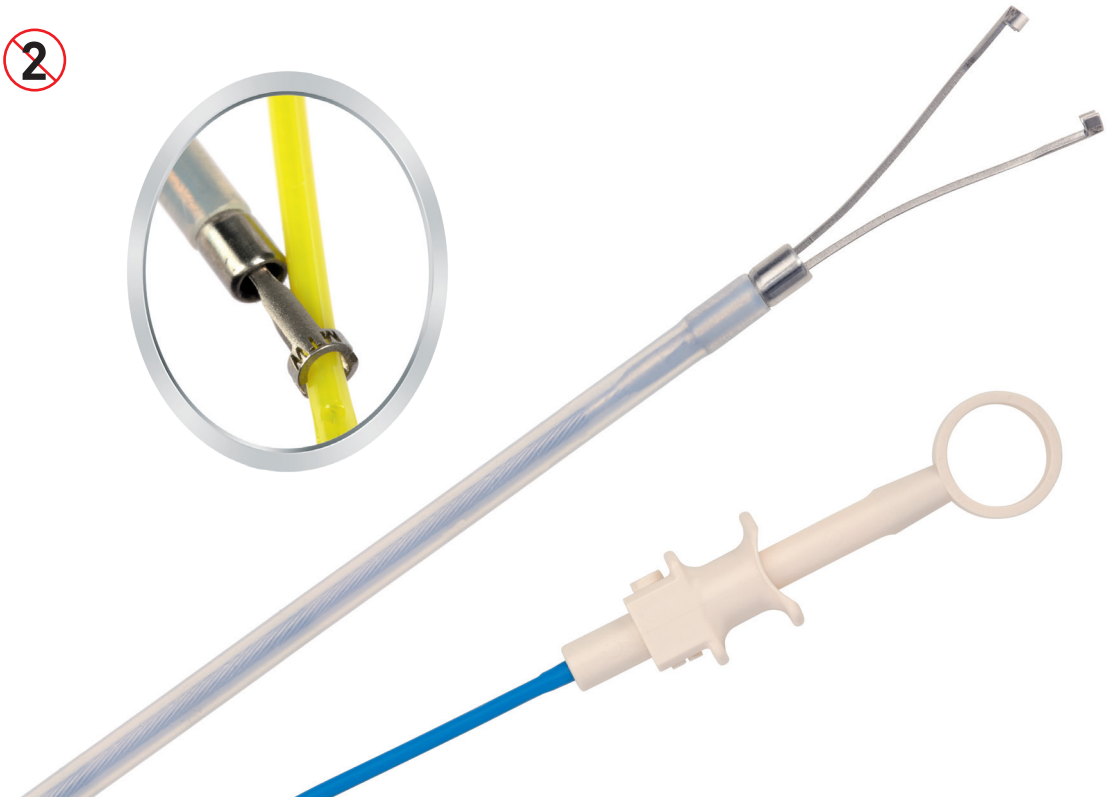
grasping forceps for nutrition probes



HANDCRAFTED BY MTW ENDOSKOPIE
SINCE 1975

FOREIGN BODY REMOVING FORCEPS

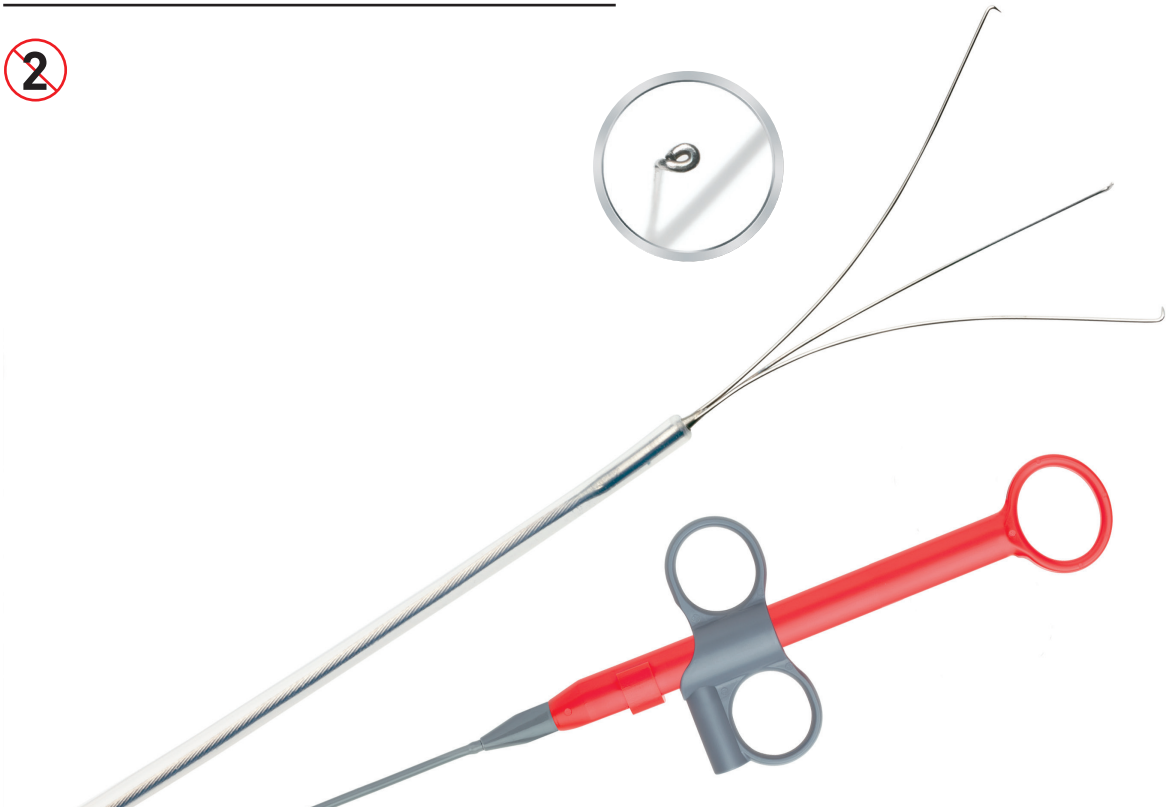
grasping forceps for nutrition probes



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

POLYPOTOMES

PTFE-tube

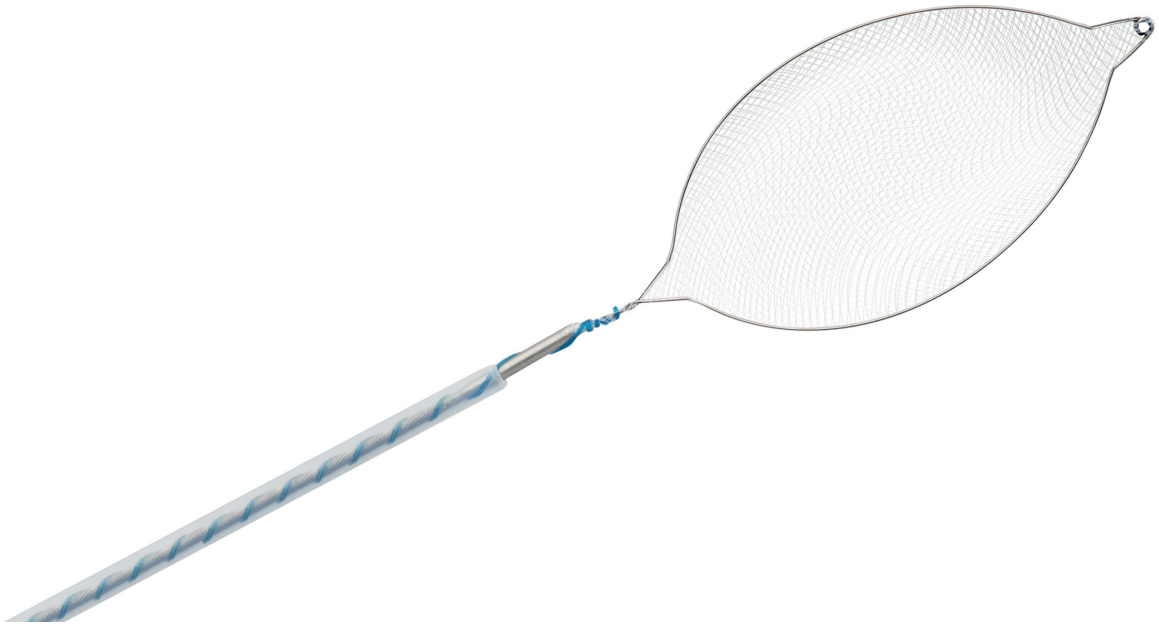


Order no.	Article no.	Opening dimension mm	Number of arms	Diameter mm	Length cm	PU
990723223 x10	990723223	30	3	2,3	230	10
990724223 x10	990724223	30	4	2,3	230	10

Figure shows article REF 990723223

POLYP TRAP NET LOOPS “POLYP CATCHER“

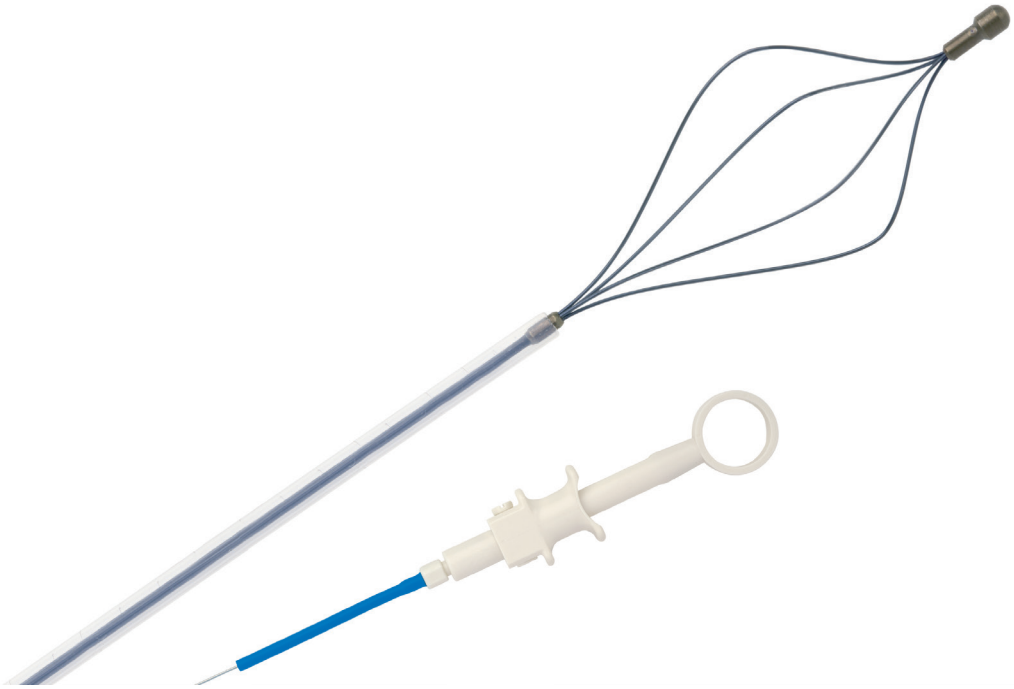
2



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

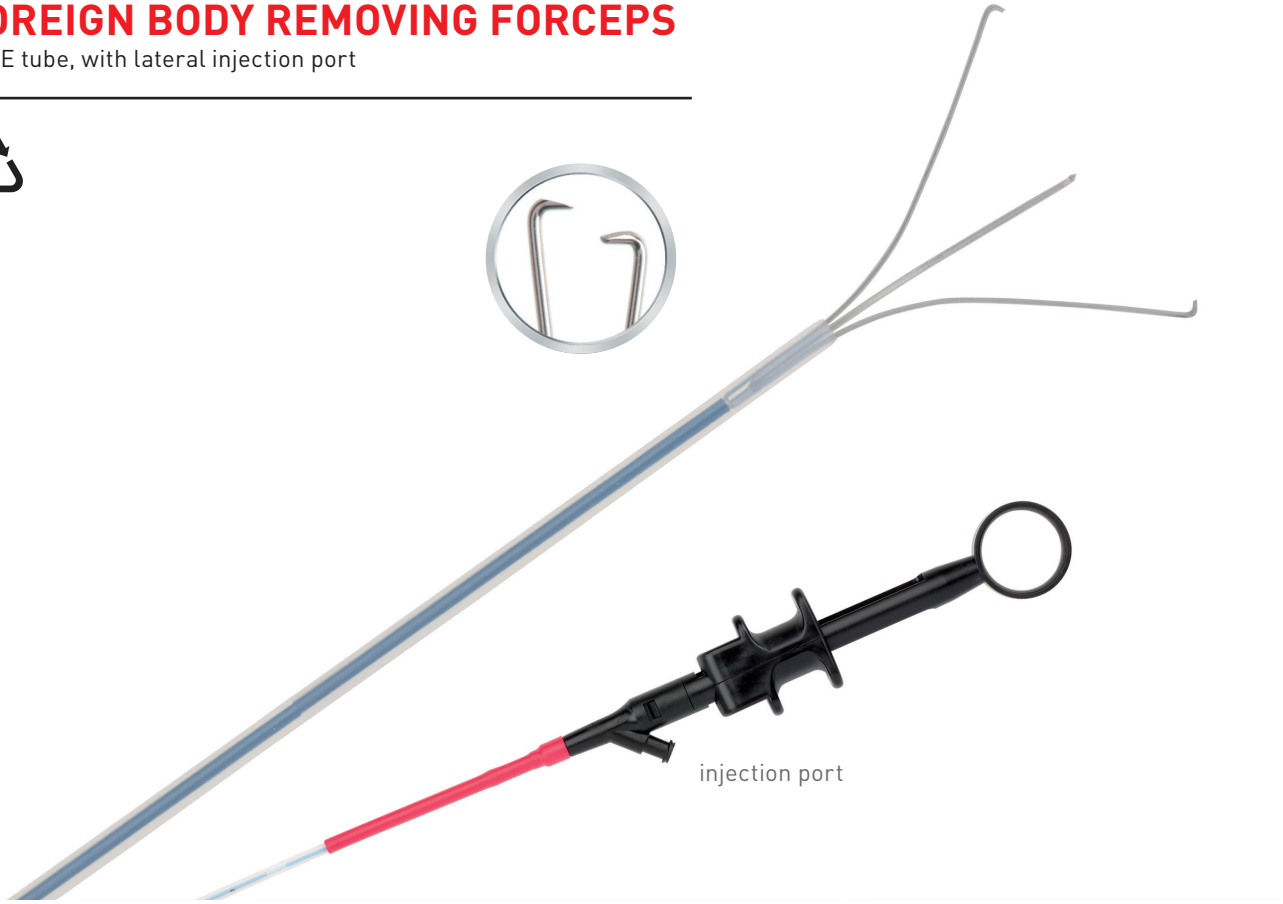
BASKET FOR FOREIGN BODY, NITINOL



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

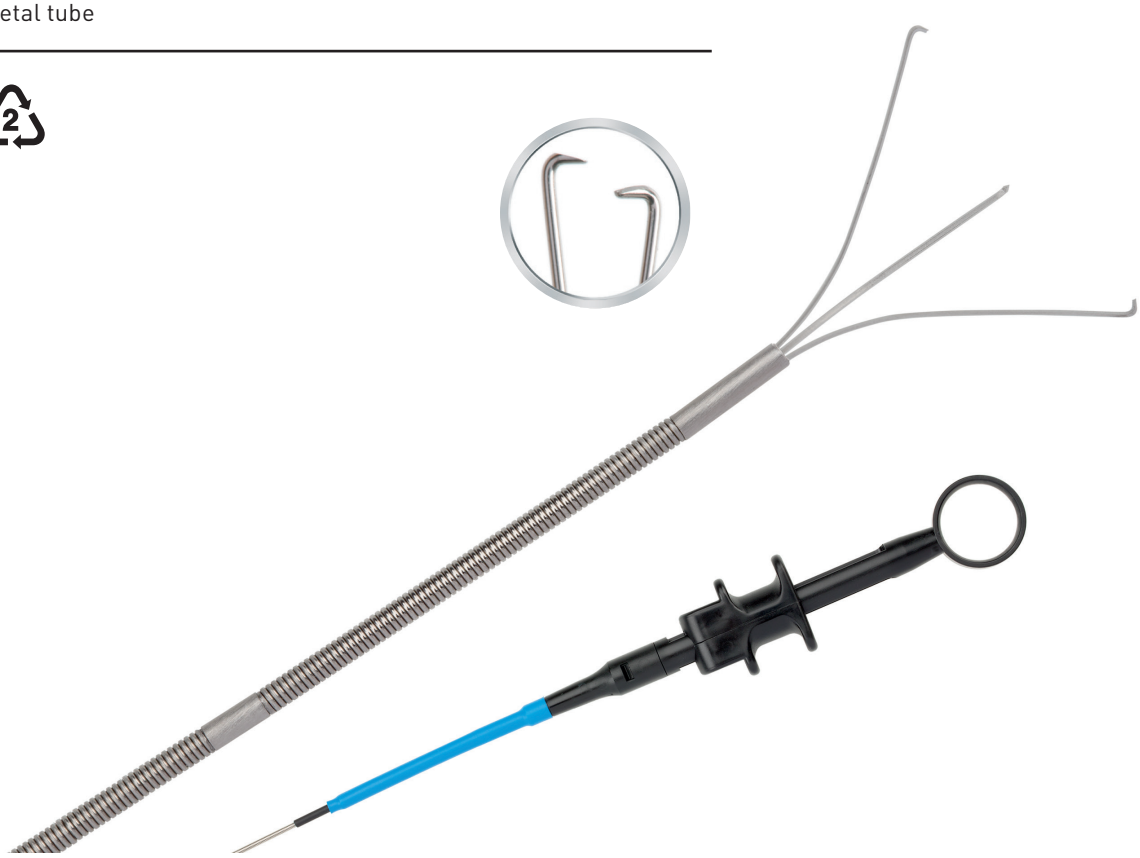


Order no.	Article no.	Opening dimension mm	Number of arms	Diameter mm	Length cm	PU
0720123	0720123	30	3	2,5	230	1

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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

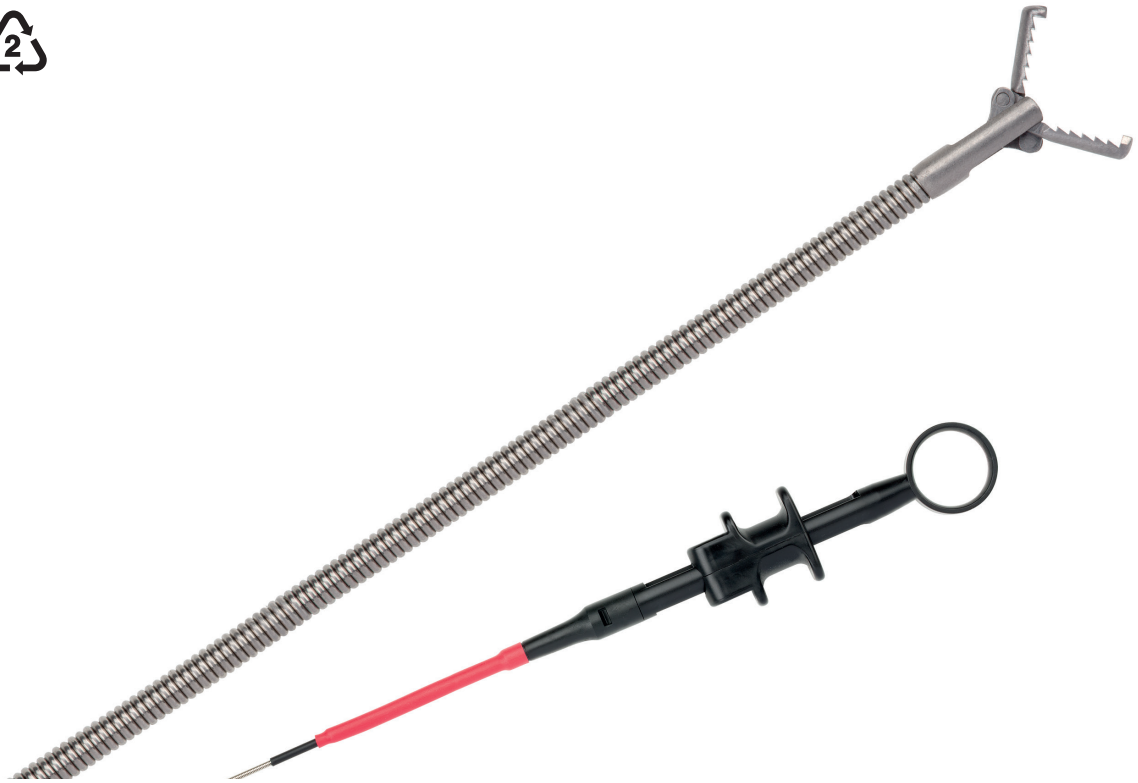


Order no.	Article no.	Opening dimension mm	Forceps shape	Diameter mm	Length cm	PU
1107107	1107107	7,8	oval spoon shaped, toothed	1,8	120	1
1107207	1107207	7,2	oval spoon shaped, toothed	2,2	120	1

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

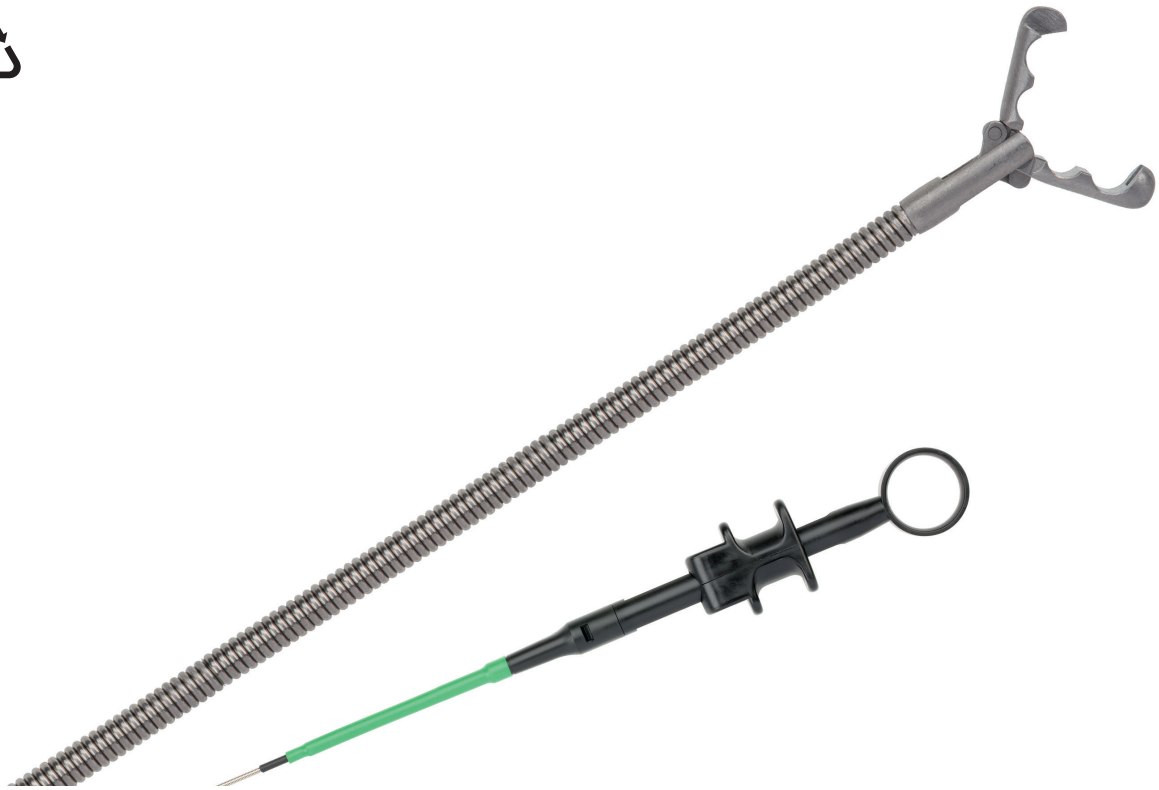


Order no.	Article no.	Opening dimension mm	Forceps shape	Diameter mm	Length cm	PU
1107106	1107106	4,8	flat jaws with 1 to 2 teeth	1,8	120	1
0710620	0710620	4,8	flat jaws with 1 to 2 teeth	1,8	230	1
0720620	0720620	7	flat jaws with 1 to 2 teeth	2,2	230	1

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

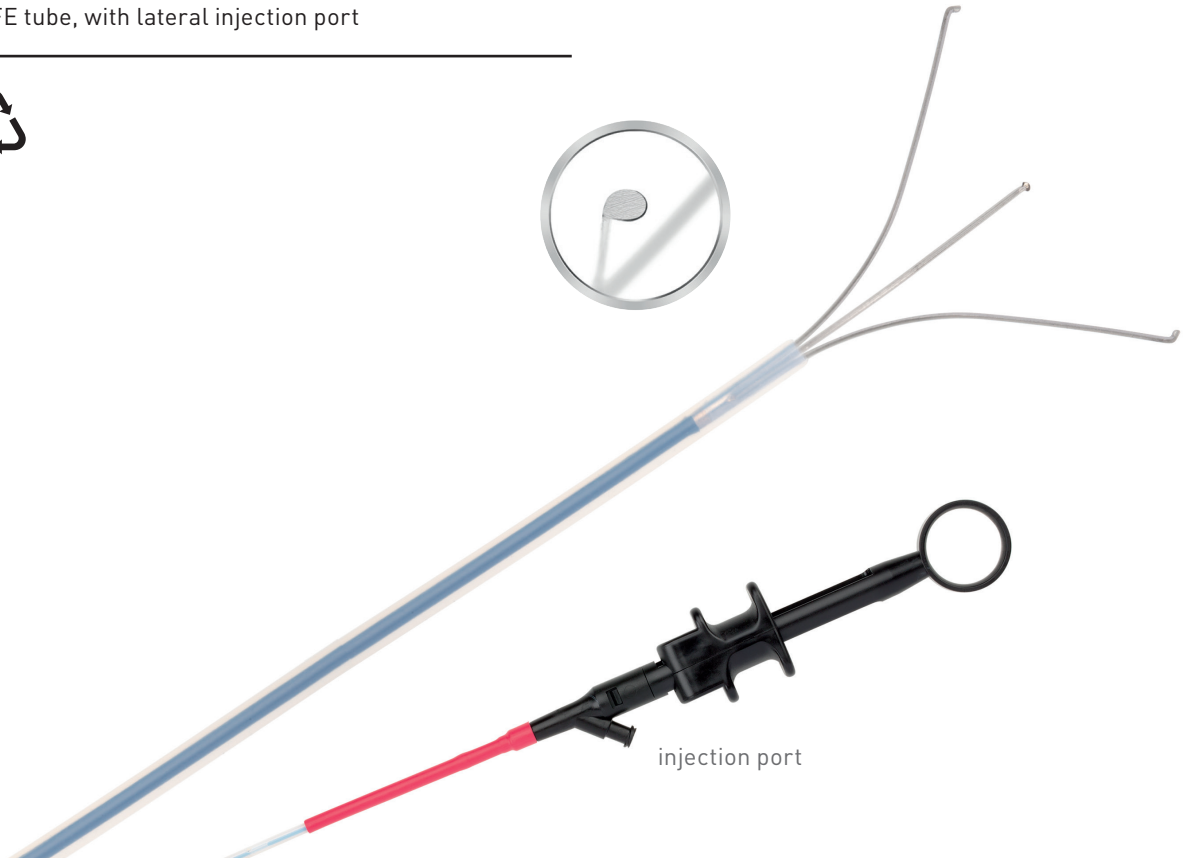
metal tube



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

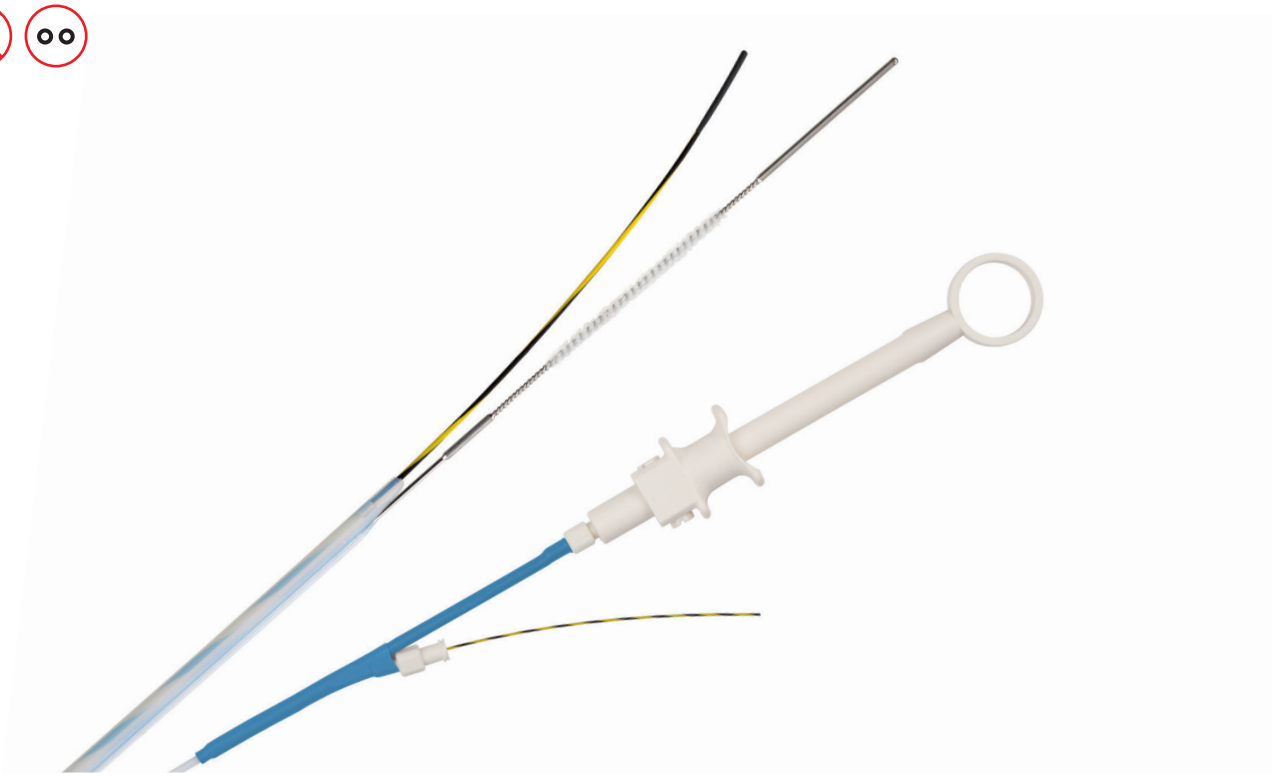


Order no.	Article no.	Brush diameter mm	Diameter mm	Length cm	Name	PU
AS0372512 x5	AS0372512	2,5	1,75	120	Broncho-Set	5
AS0373016 x5	AS0373016	3,0	2,35	160	Gastro-Set	5
AS0373022 x5	AS0373022	3,0	2,35	220	Colo-Set	5

Figure shows article REF AS0372512

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

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CLEANING BRUSHES



CLEANING BRUSHES, ONE-SIDED



Order no.	Article no.	Brush diameter mm	Working channel mm	Diameter mm	Length cm	PU
UN3272023 x50	UN3272023	1,8	1,0 - 1,6	0,8	230	50

CLEANING BRUSHES, DOUBLE-SIDED



Order no.	Article no.	Brush diameter mm	Working channel mm	Diameter mm	Length cm	PU
UN1063018 x50	UN1063018	3,0	1,8 - 2,6	1,6	180	50
UN1063023 x50	UN1063023	3,0	1,8 - 2,6	1,6	230	50
UN1065018 x50	UN1065018	5,0	2,7 - 4,6	1,75	180	50
UN1065023 x50	UN1065023	5,0	2,7 - 4,6	1,75	230	50
UN1065028 x50	UN1065028	5,0	2,7 - 4,6	1,75	280	50
UN1068023 x50	UN1068023	8,0	4,2 - 7,6	1,75	230	50

Figure shows article REF UN1065023

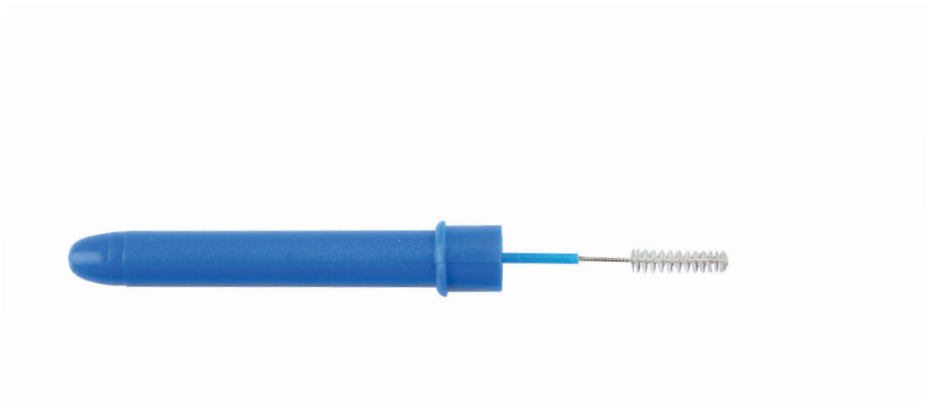
CLEANING BRUSH FOR BIOPSY VALVE



Order no.	Article no.	Diameter brush 1 mm	Diameter brush 2 mm	Length cm	PU
UN1061110 x50	UN1061110	11	5	15,5	50

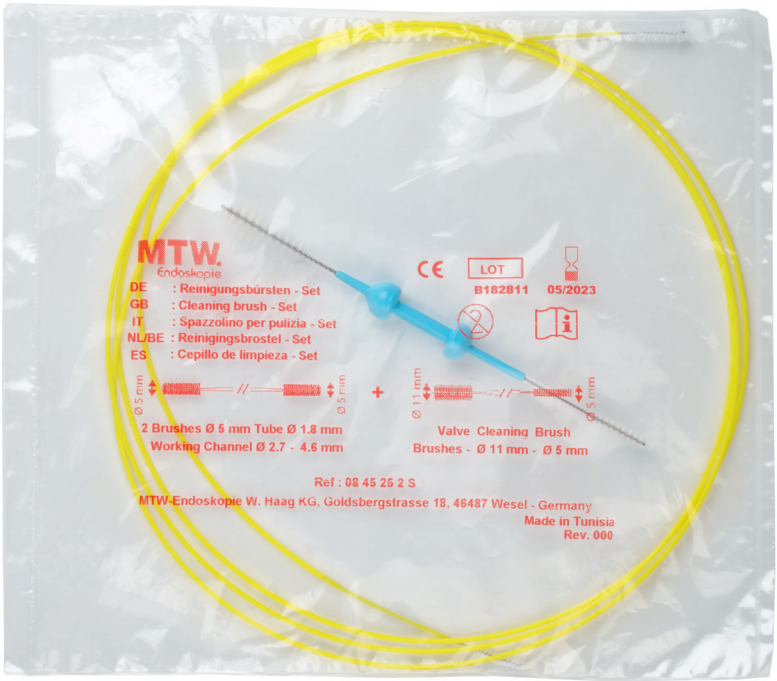
CLEANING BRUSH

for Albarran lever

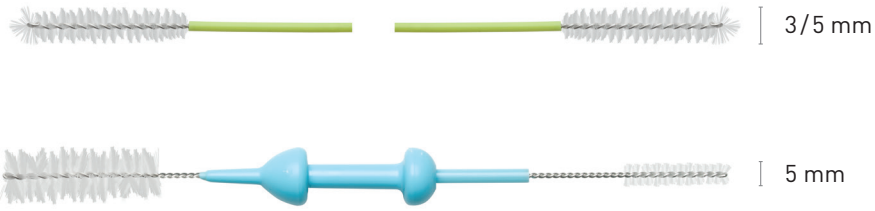


Order no.	Article no.	Brush diameter mm	Length cm	PU
UN4302000 x50	UN4302000	2	6	50

CLEANING BRUSH SET



Order no.	Article no.	Description	Diameter brushes mm	Working channel mm	PU
UN1863023 x50	UN1863023	Cleaning brushes, double-sided	3	1,8 - 2,6	50
		Cleaning brushes for biopsy valve	11 + 5	-	50
UN1865023 x50	UN1865023	Cleaning brushes, double-sided	5	2,7 - 4,6	50
		Cleaning brushes for biopsy valve	11 + 5	-	50



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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
0805201	0805201	5,0	2,8	1,8	230	1

COLOUR CODES AND SYMBOLS

 — Disposable products

 — Reusable products

 — Double-lumen products

INJECTION NEEDLES
ULTRASOUND BIOPSY NEEDLE

09

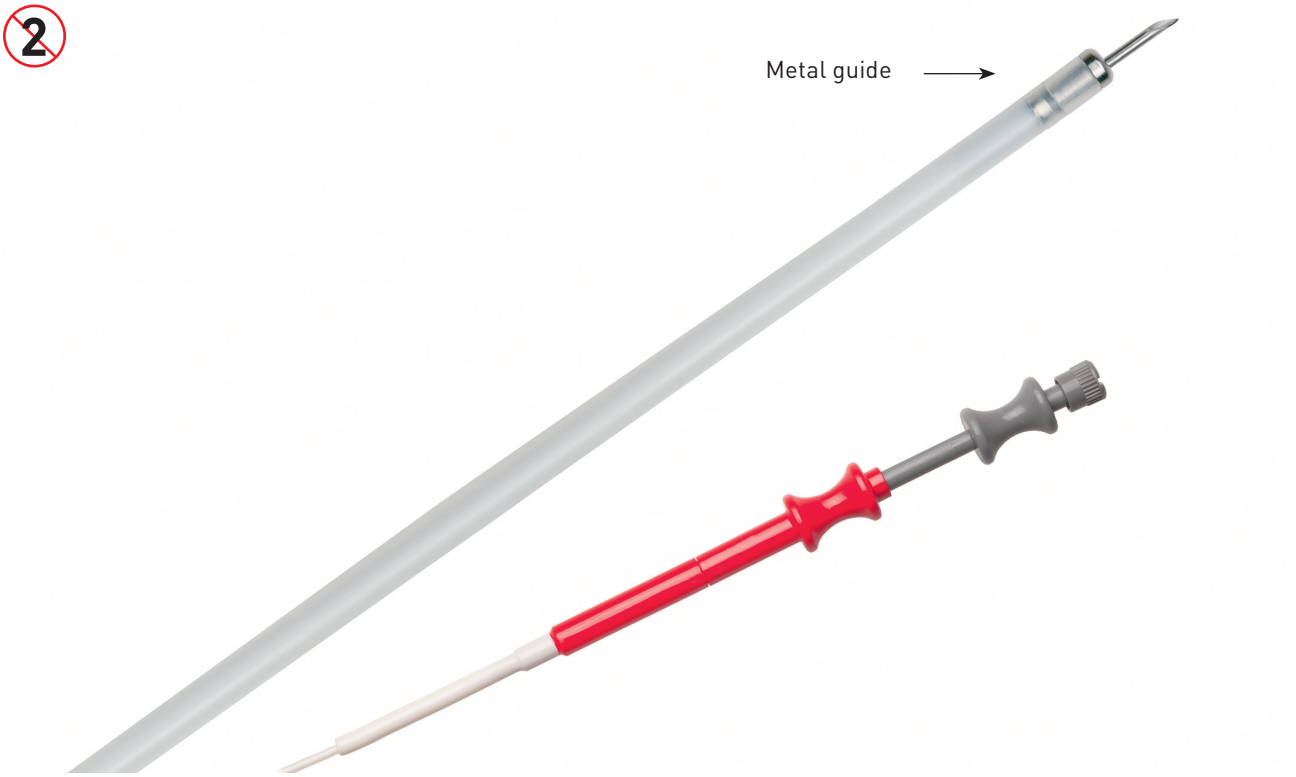
INJECTION NEEDLES



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INJECTION NEEDLES

with click-lock-system, pinpoint working



Order no.	Article no.	Cannula diameter mm	Needle length mm	Metal tip	Diameter mm	Length cm	PU
ES2050518 x10	ES2050518	0,5	4		1,80	180	10
ES3720523 x10	ES3720523	0,5	3	•	2,40	230	10
ES1990718 x10	ES1990718	0,7	5	•	2,40	180	10
ES1990723 x10	ES1990723	0,7	5	•	2,40	230	10
ES2970728 x10	ES2970728	0,7	5,5		1,80	280	10
ES1990728 x10	ES1990728	0,7	5	•	2,40	280	10
ES1991018 x10	ES1991018	1,0	5,5	•	2,40	180	10
ES1991023 x10	ES1991023	1,0	5,5	•	2,40	230	10

Figure shows article REF ES1990723

INJECTION NEEDLES, DOUBLE-LUMEN

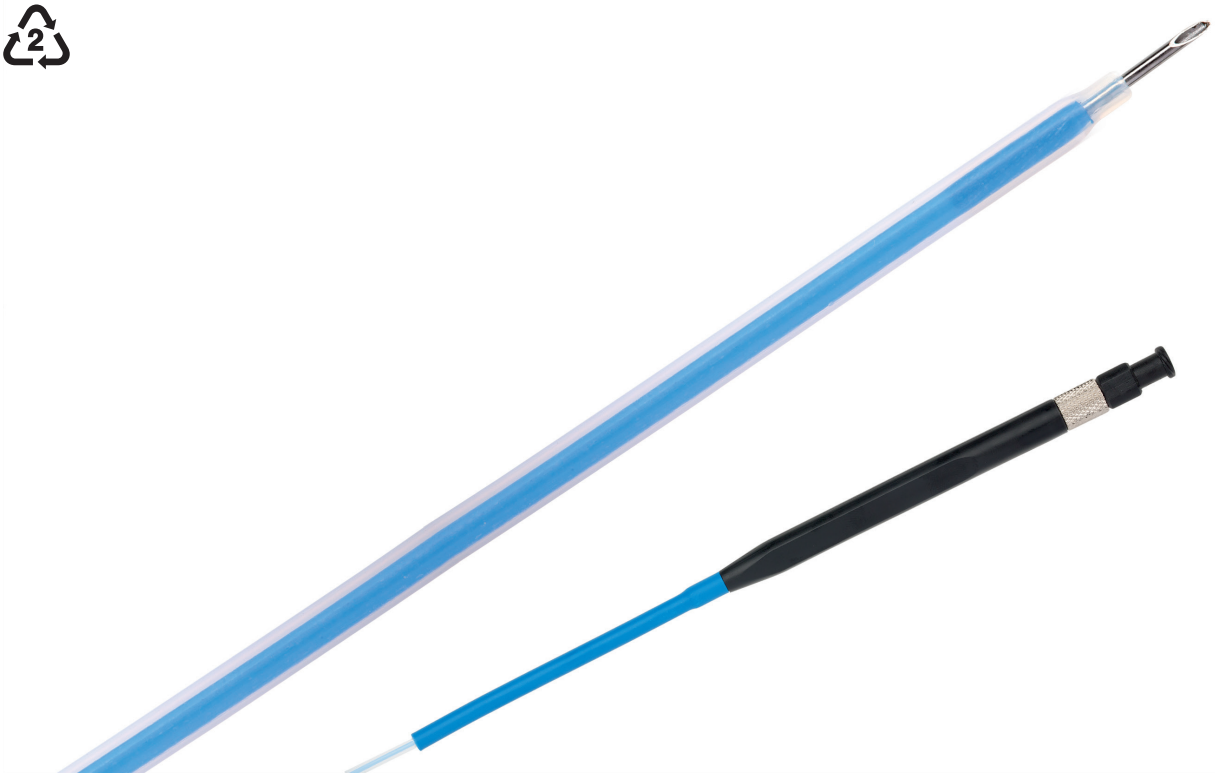
for fibrin-adhesive injection



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

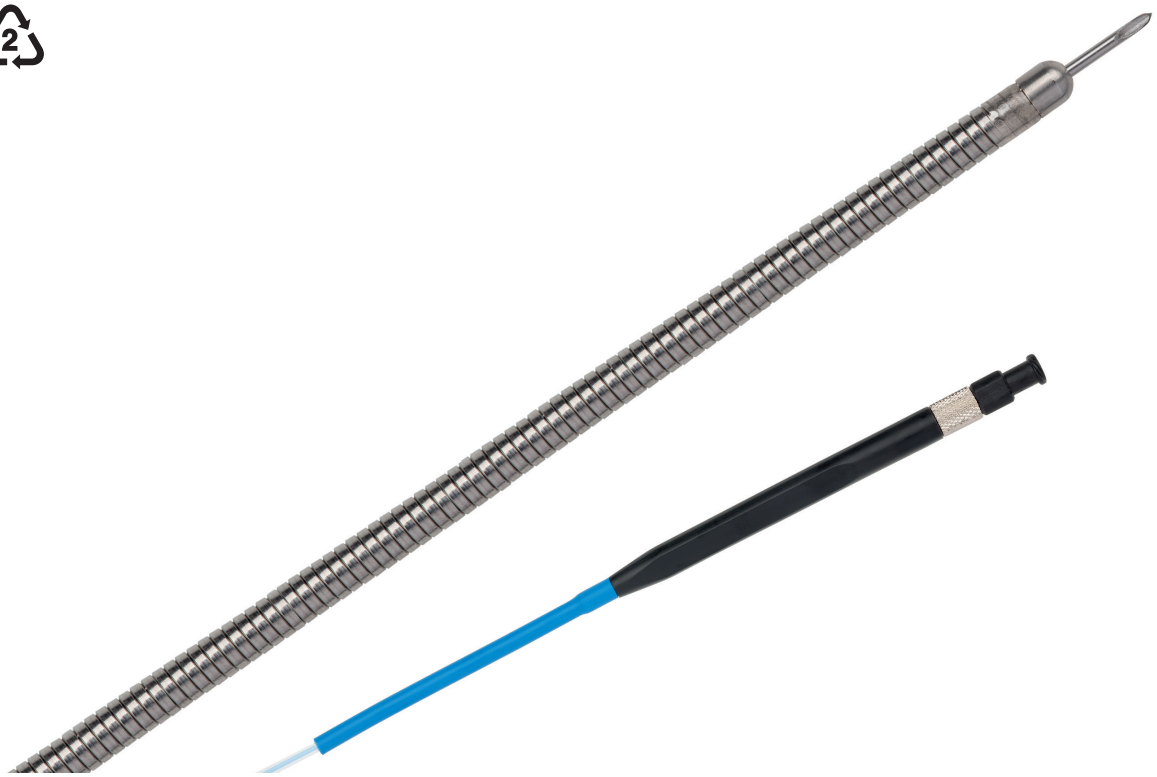


Order no.	Article no.	Cannula diameter mm	Extended cannula length mm	Diameter mm	Length cm	PU
0910718218	0910718218	0,7	5	1,8	180	1
0910723223	0910723223	0,7	5	2,3	230	1

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

MTW®
Endoskopie Manufaktur

DISPOSABLE ULTRASOUND BIOPSY NEEDLES

EUS-FNB-Biopsy Needle (Stainless steel)

EBUS-TBNB-Biopsy Needle (Stainless steel)

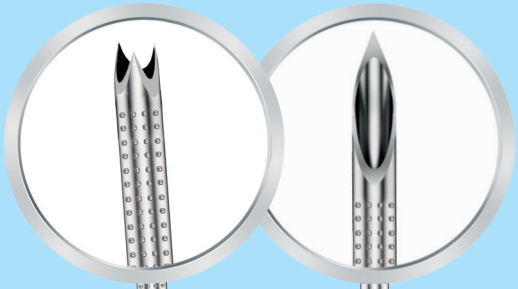
EUS-FNB-Biopsy Needle (Nitinol)

EUS-FNA-Biopsy Needle (Stainless steel)

EBUS-TBNA-Biopsy Needle (Stainless steel)

EUS-FNA-Biopsy Needle (Nitinol)

FNB



Options:
- Highly flexible 100% Nitinol needles
- Stainless steel



FNA



The nitinol needle core wire

DISPOSABLE ULTRASOUND BIOPSY NEEDLES

EUS-FNB-Biopsy Needle (Stainless steel)

EUS-FNA-Biopsy Needle (Stainless steel)

EBUS-TBNB-Biopsy Needle (Stainless steel)

EBUS-TBNA-Biopsy Needle (Stainless steel)

EUS-FNB-Biopsy Needle (Nitinol)

EUS-FNA-Biopsy Needle (Nitinol)

- **Optimal visibility of the cannula** thanks to the **"hole structure"** below the needle tip
- Kink-resistant Nitinol mandrel
- Smooth-running, kink-resistant plastic insertion tube
- Highly flexible, kink-resistant variants: stainless steel & **100% Nitinol** needles

	Articel no.	Description			Needle Ø Gauge	Needle Ø mm	Outer Ø mm	Length mm	PU
OLYMPUS FUJIFILM PENTAX	UN-A-19-11-80-16-1375	FNA Edelstahl EUS	FNA		19	1,1	1,6	1375	1
	UN-A-22-07-80-16-1375	FNA Edelstahl EUS	FNA		22	0,7	1,6	1375	1
	UN-B-22-07-80-16-1375	FNB Edelstahl EUS	FNB		22	0,7	1,6	1375	1
	UN-B-22-07-80-22-1375	FNB Edelstahl EUS	FNB		22	0,7	2,2	1375	1
	UN-D-22-07-80-16-1375	FNB Nitinol EUS	FNB		22	0,7	1,6	1375	1
	UN-C-22-07-80-16-1375	FNA Nitinol EUS	FNA		22	0,7	1,6	1375	1
	UN-D-22-07-80-22-1375	FNB Nitinol EUS	FNB		22	0,7	2,2	1375	1
OLYMPUS FUJIFILM	UN-A-19-11-50-16-715	EBUS-TBNA, Edelstahl	FNA		19	1,1	1,6	715	1
	UN-A-22-07-50-16-715	EBUS-TBNA, Edelstahl	FNA		22	0,7	1,6	715	1
	UN-B-22-07-50-16-715	EBUS-TBNB, Edelstahl	FNB		22	0,7	1,6	715	1
	UN-C-19-11-50-16-715	EBUS-TBNA, Nitinol	FNA		19	1,1	1,6	715	1
	UN-C-22-07-50-16-715	EBUS-TBNA, Nitinol	FNA		22	0,7	1,6	715	1
	UN-D-22-07-50-16-715	EBUS-TBNB, Nitinol	FNB		22	0,7	1,6	715	1
PENTAX	UN-A-19-11-50-16-670	EBUS-TBNA, Edelstahl	FNA		19	1,1	1,6	670	1
	UN-A-22-07-50-16-670	EBUS-TBNA, Edelstahl	FNA		22	0,7	1,6	670	1
	UN-B-22-07-50-16-670	EBUS-TBNB, Edelstahl	FNB		22	0,7	1,6	670	1

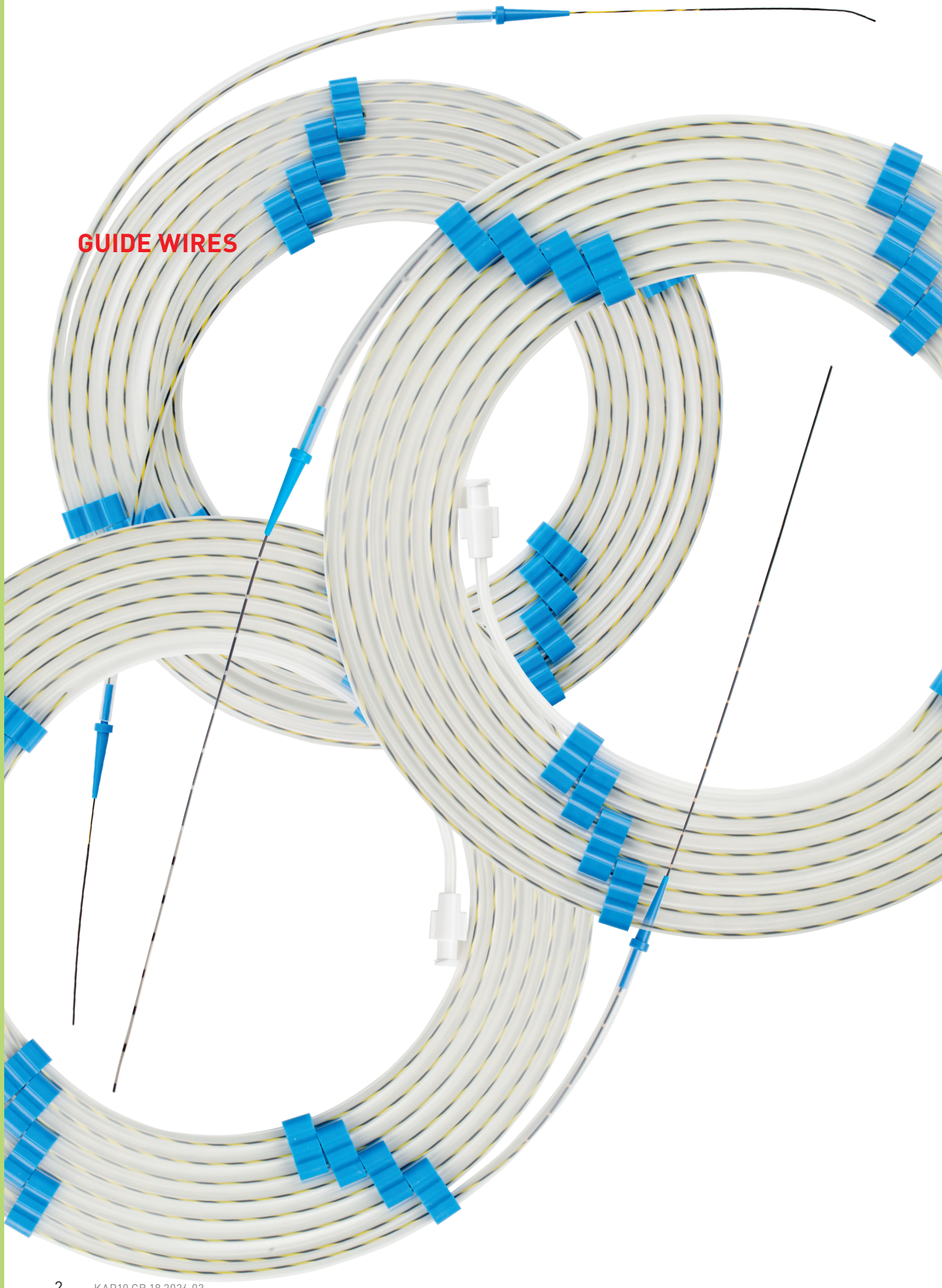
detailed information

COLOUR CODES AND SYMBOLS



— Disposable products

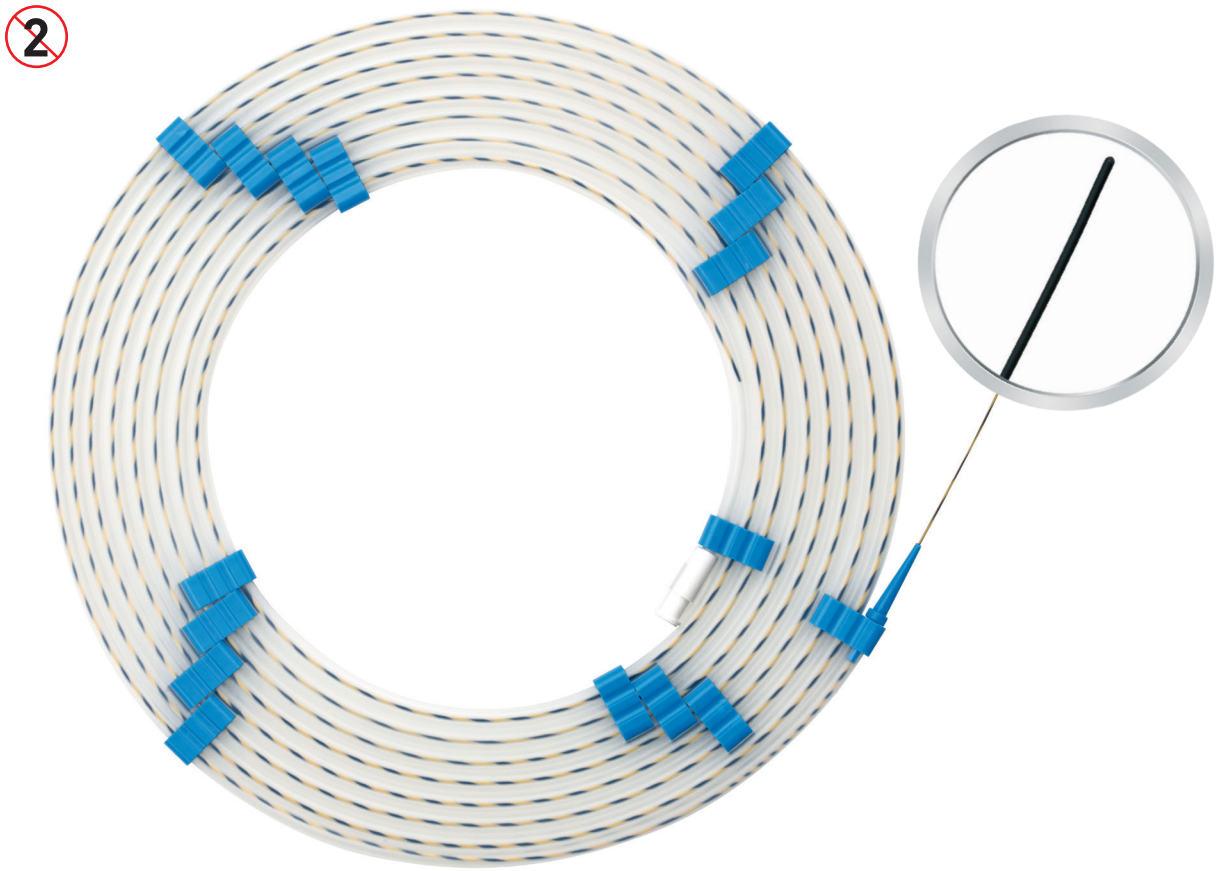
GUIDE WIRES



MTW®
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GUIDE WIRE “SNAP-TIP“

kink-resistant, Nitinol



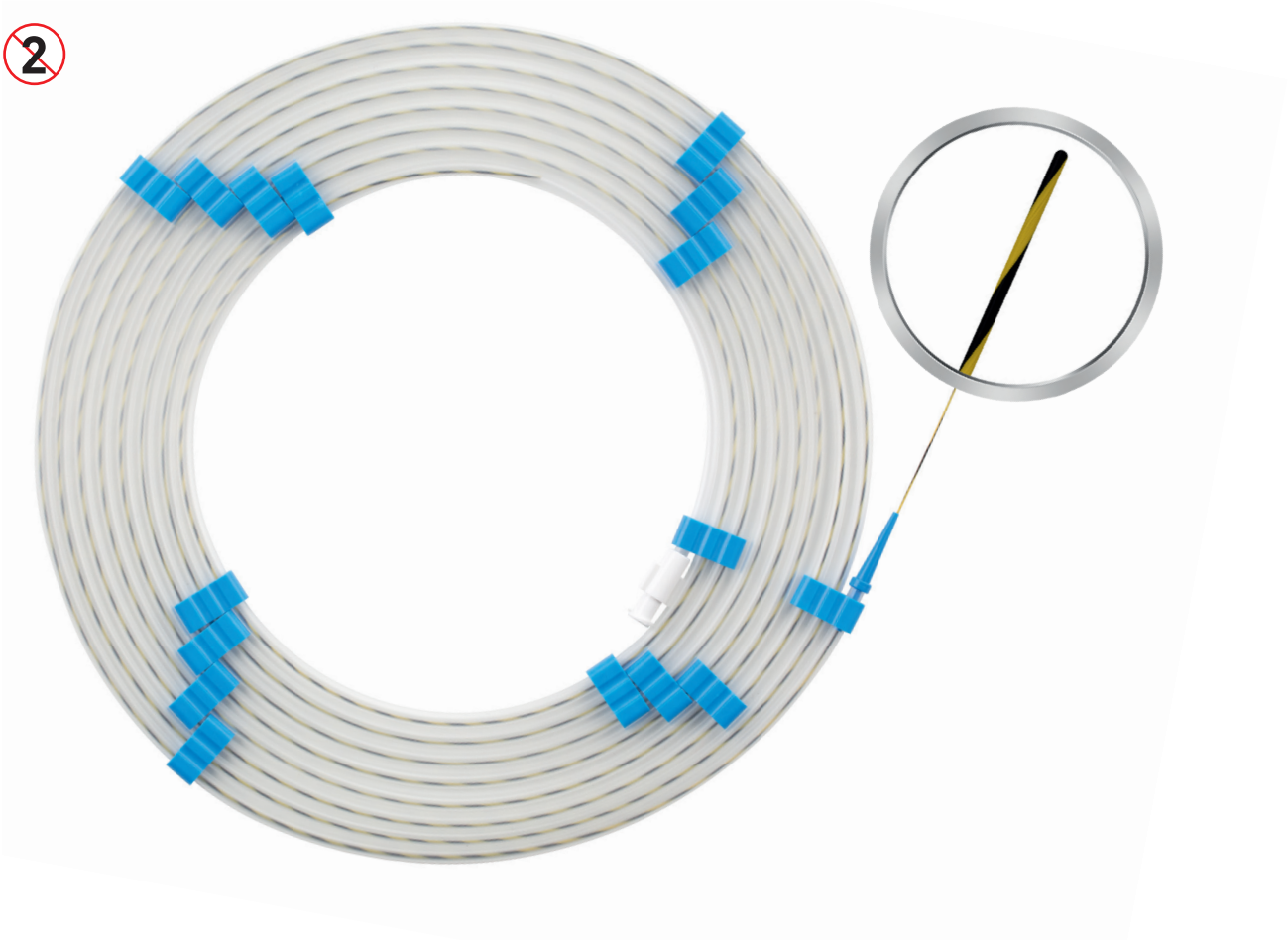
Order no.	Article no.	Guide wire tip		Color version coiled	Diameter inch	Length cm	PU
002926 x5	002926	straight	60 mm PU radiopaque	green-black	0.025	260	5
002926A x5	002926A	angled*	60 mm PU radiopaque	green-black	0.025	260	5
002946 x5	002946	straight	60 mm PU radiopaque	green-black	0.025	460	5
002946A 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

* Fast and precise to use torquer for targeted cannulation of the bile ducts

GUIDE WIRE, NITINOL

kink-resistant, 50 mm flexible platinum tip



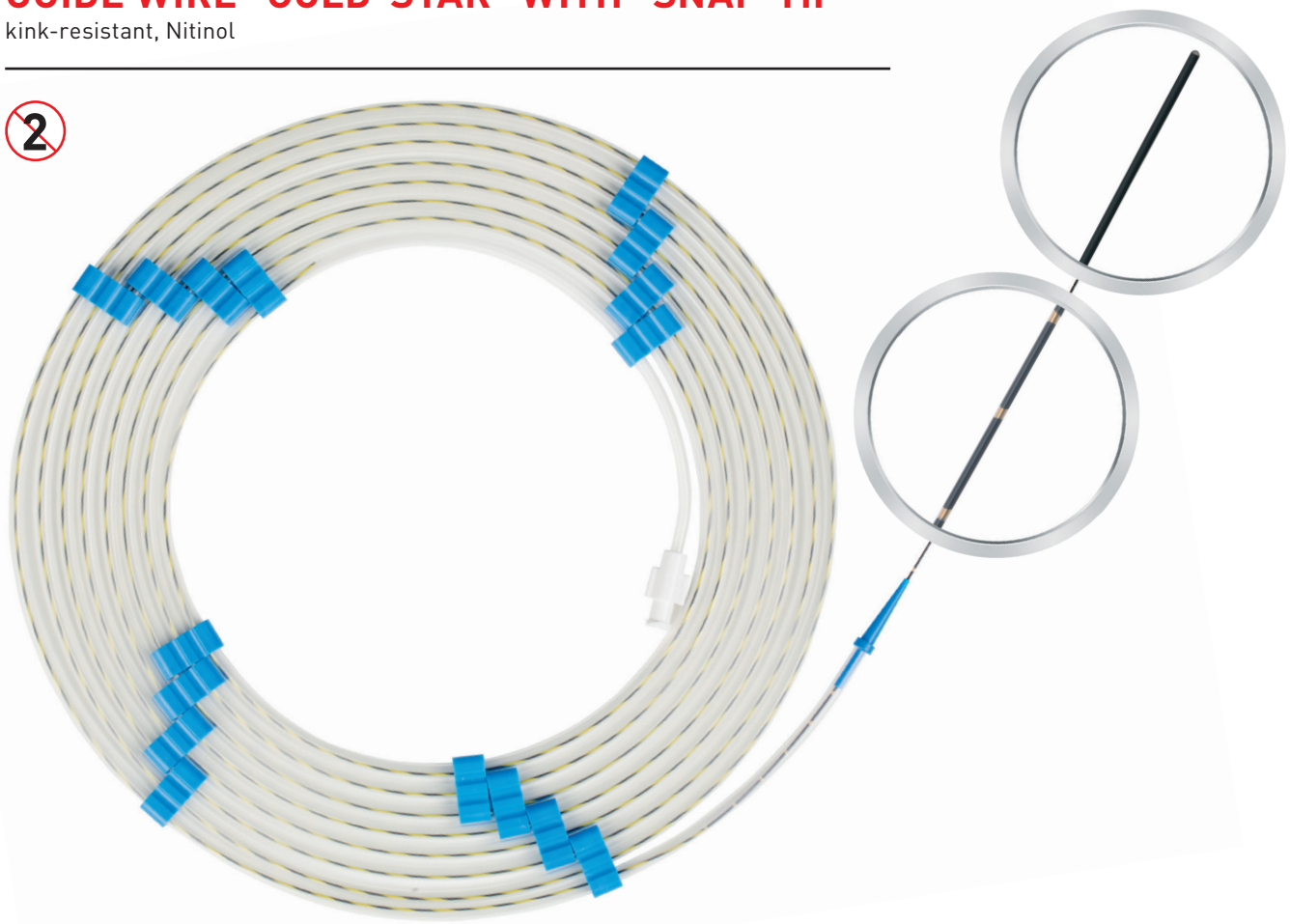
Order no.	Article no.	Guide wire tip	Color version coiled	Diameter inch	Length cm	PU
001846 x5	001846	straight 50 mm platinum tip	blue	0.018	460	5
002246 x5	002246	straight 50 mm platinum tip	green-black	0.025	460	5
003246 x5	003246	straight 50 mm platinum tip	yellow-black	0.035	460	5

Figure shows article REF 003246

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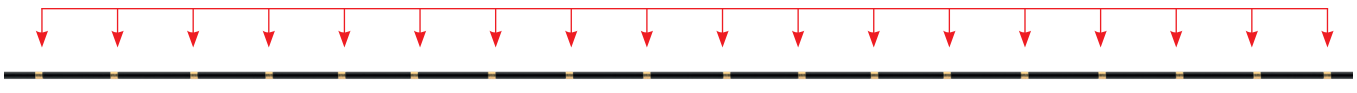
GUIDE WIRE “GOLD-STAR“ WITH “SNAP-TIP“

kink-resistant, Nitinol



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

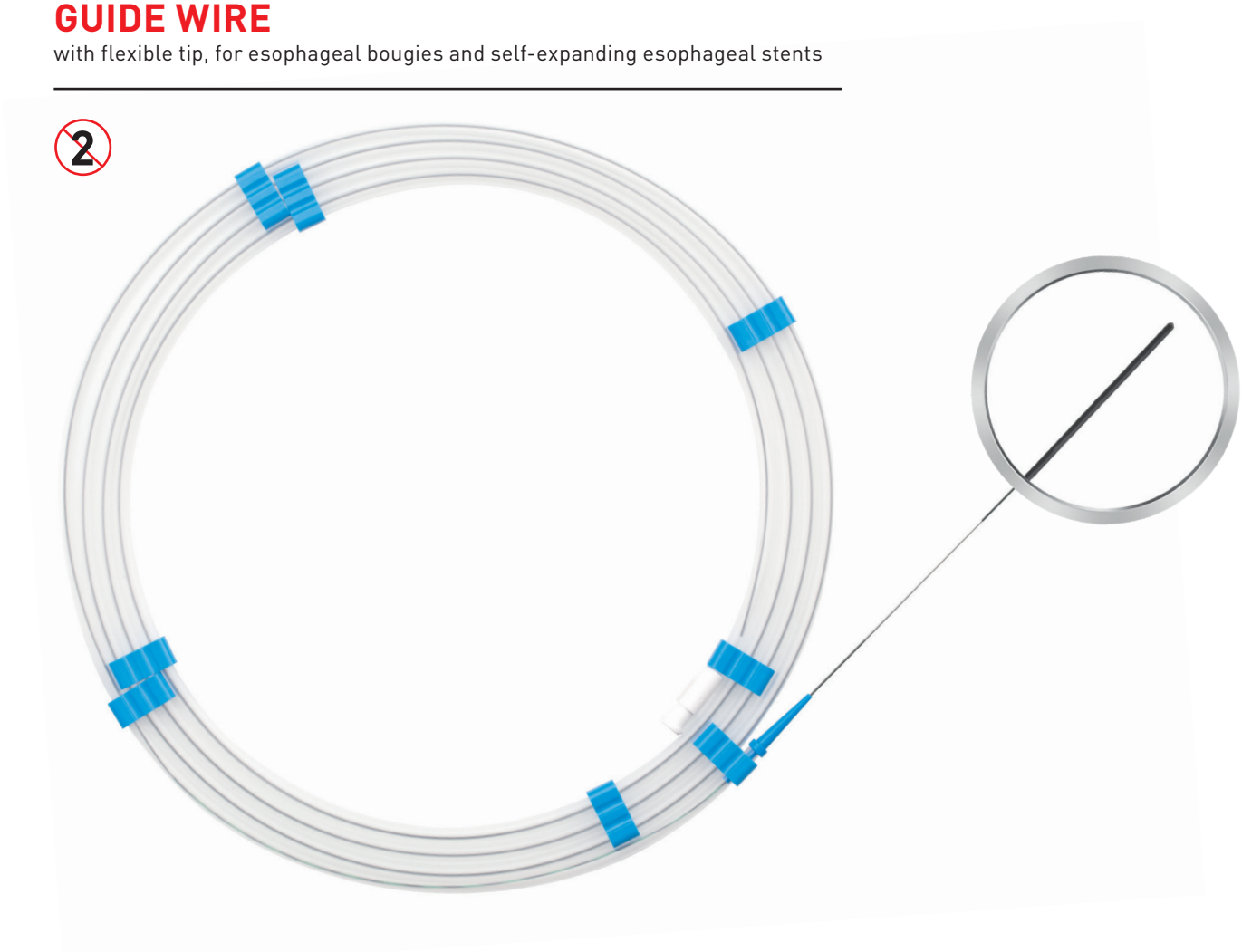


Order no.	Article no.	Guide wire tip	Marking from 1 to 5	Diameter inch	Length cm	PU
0088215 x5	0088215	stainless steel spring	•	0.070 / 0.035	215	5
0088350 x5	0088350	stainless steel spring		0.070 / 0.035	350	5

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GUIDE WIRE

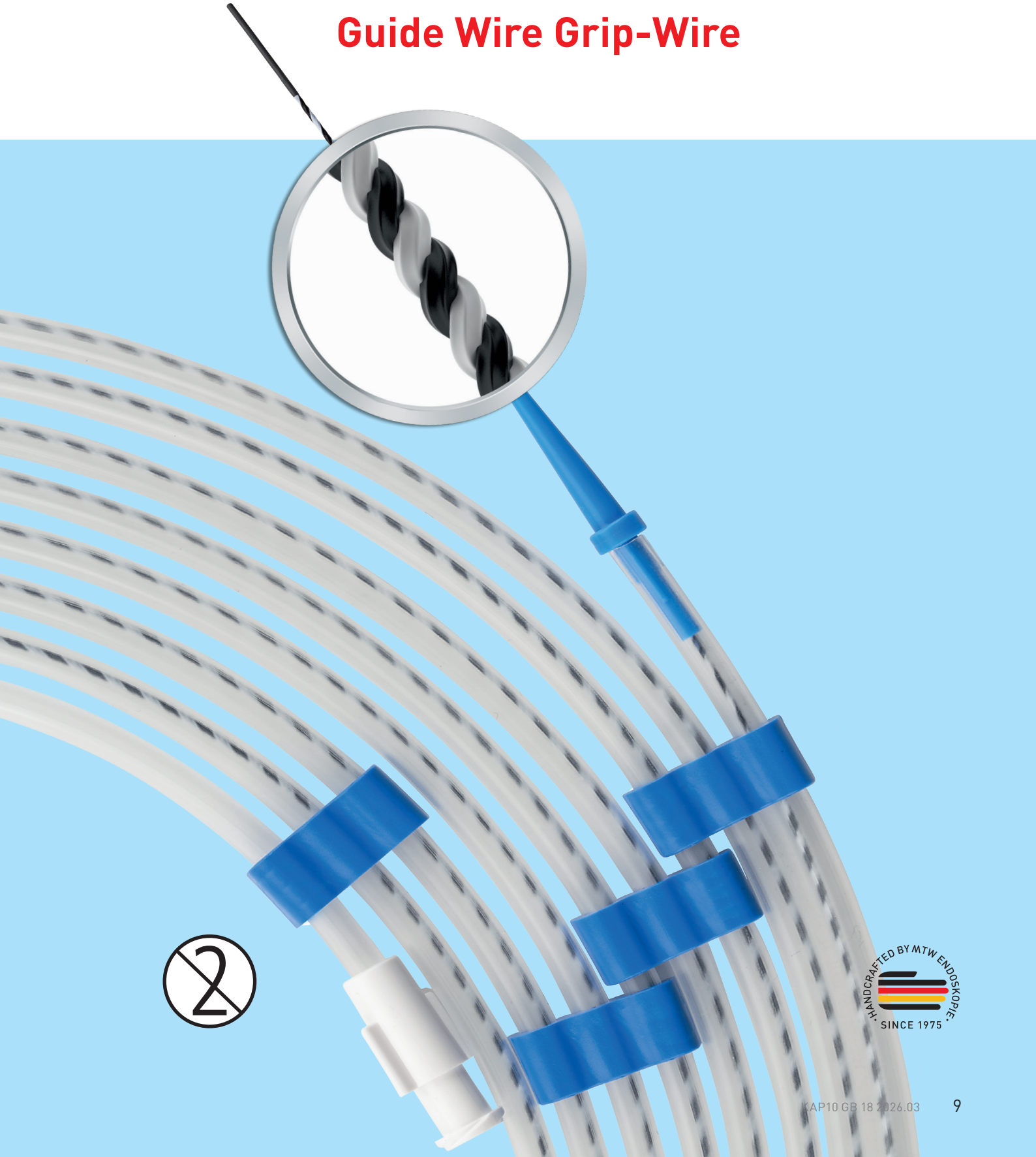
with flexible tip, for esophageal bougies and self-expanding esophageal stents



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

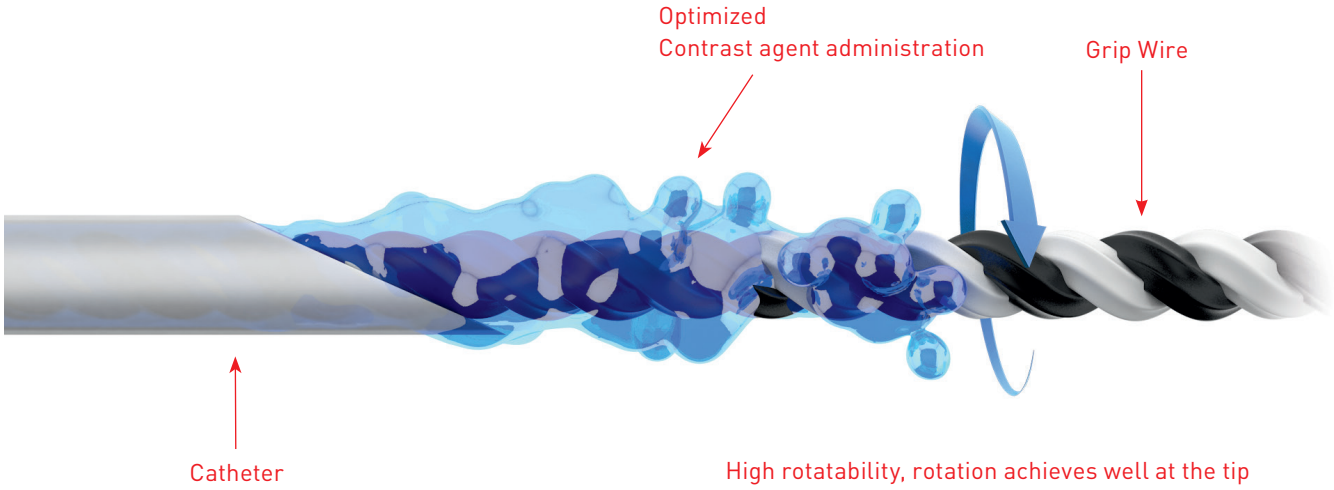
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Guide Wire Grip-Wire

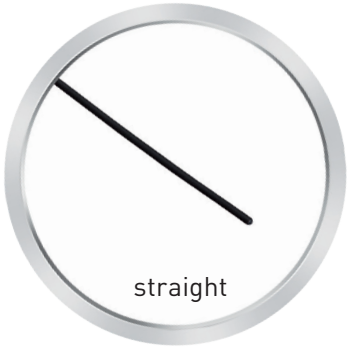


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GUIDE WIRE GRIP-WIRE



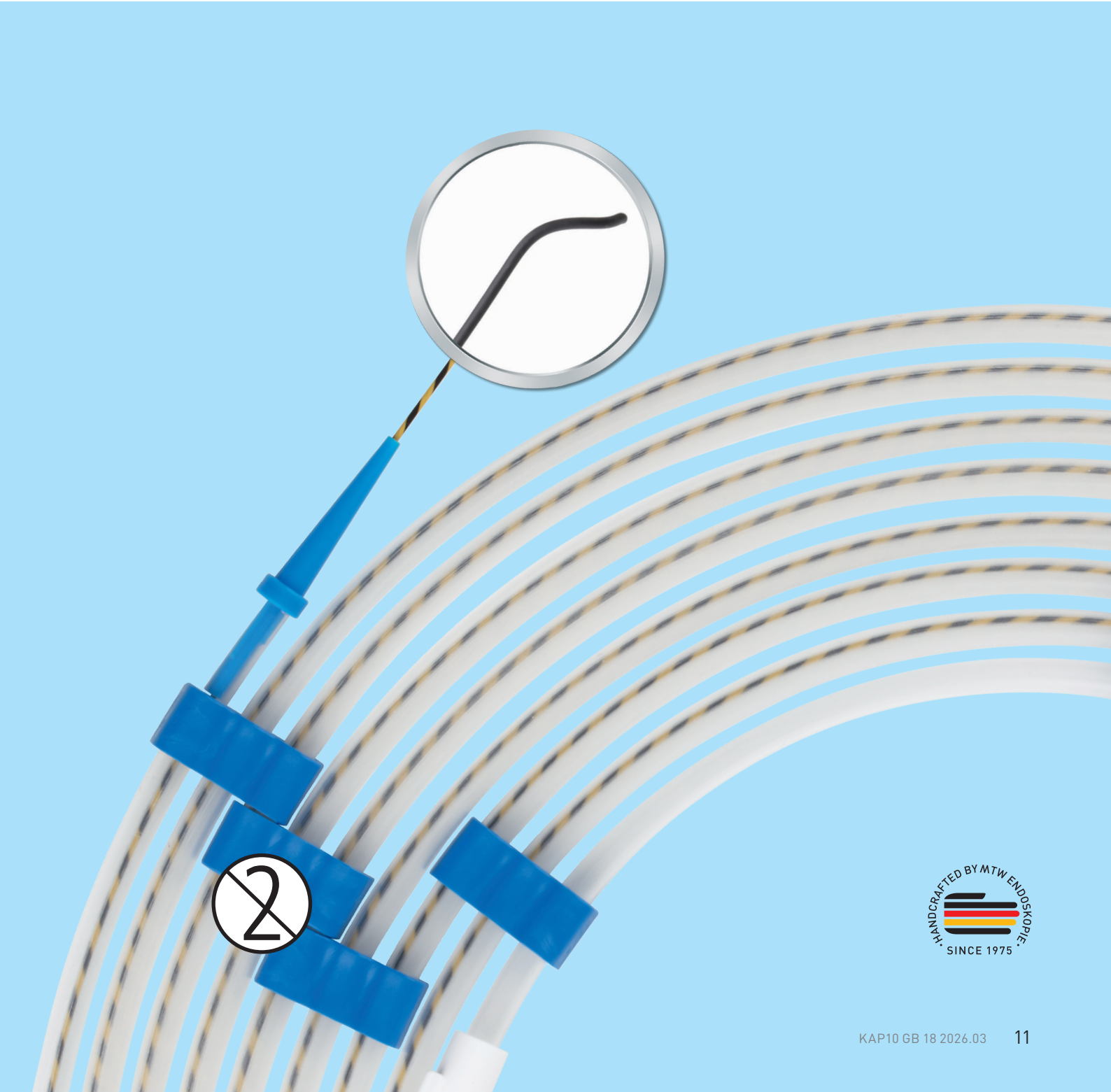
Order no.	Article no.	Guide wire tip	Colour design coiled	Diameter inch	Length cm	PU
004446 x5	004446	straight	black / white	0.035	460	5



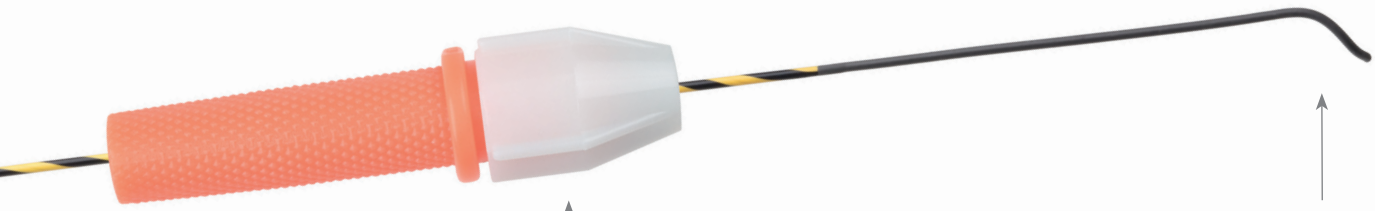
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Guide wire, „Smart-Wire“

Prof. Dr. med. Jochen Weigt



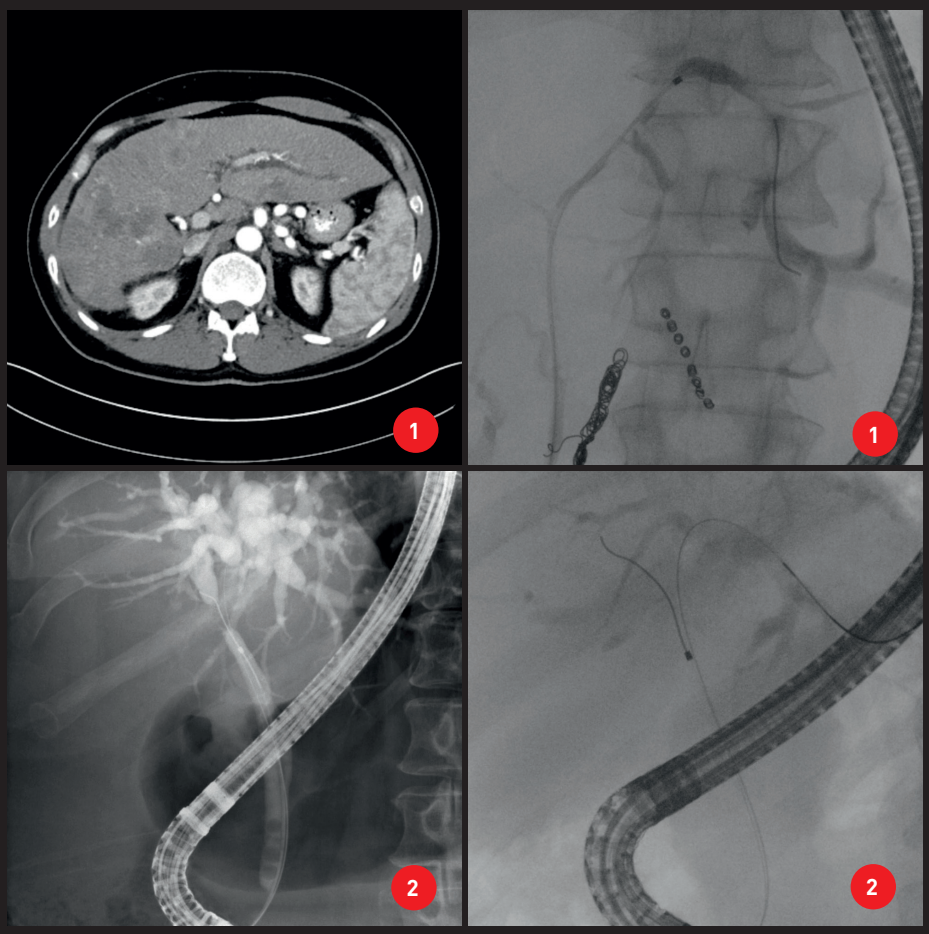
HANDCRAFTED BY MTW ENDOSKOPIE · SINCE 1975 ·



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

Torquer

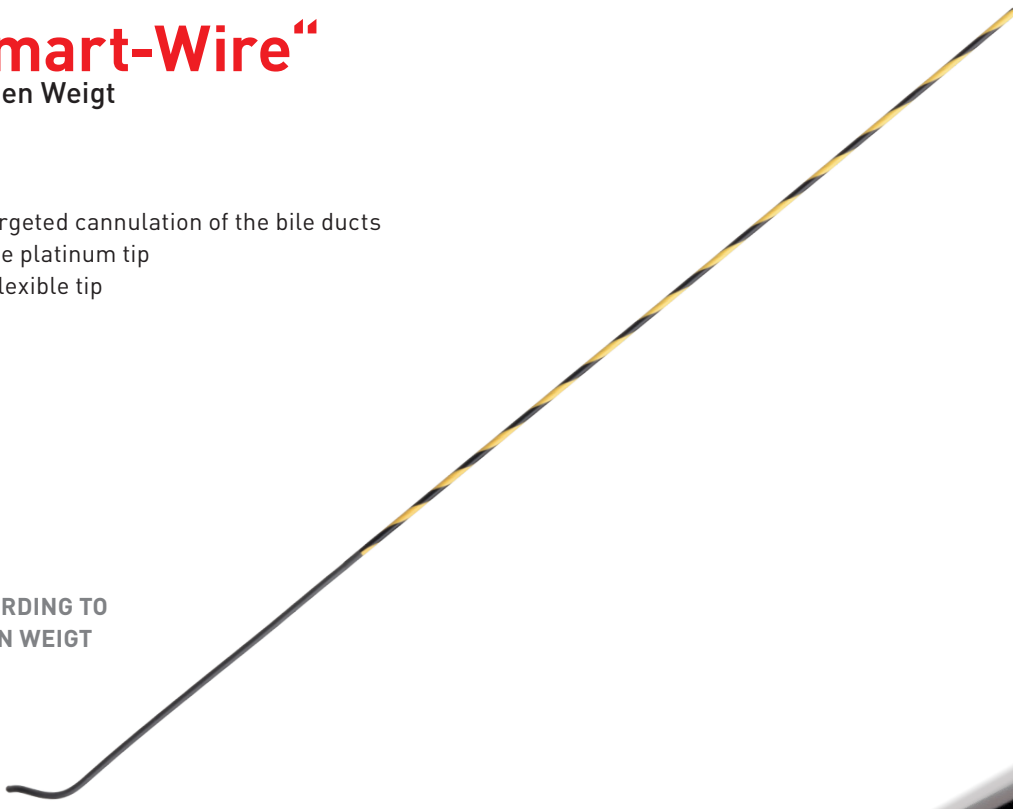
1. targeted cannulation of a single dilated segmental branch in the left hepatic lobe for liver metastases.
2. targeted selective cannulation of both Dd. hepatici for Klatskin tumors.



Guide wire, „Smart-Wire“

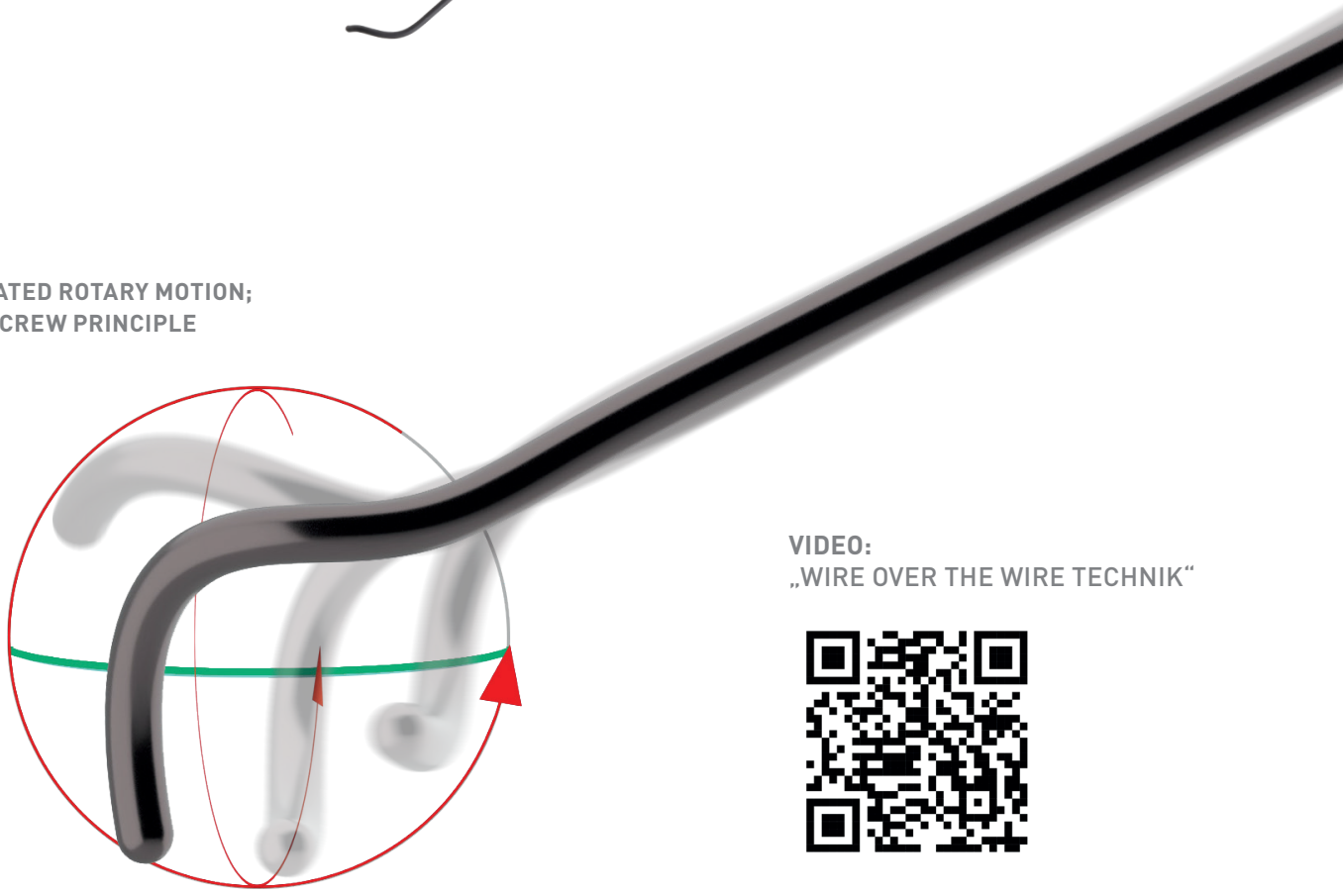
according to Prof. Dr. med. Jochen Weigt

- Rotatable guide wire
- Fast and precise to use torquer for targeted cannulation of the bile ducts
- High contrast in fluoroscopy due to the platinum tip
- Less “kinking” due to the shortened flexible tip



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

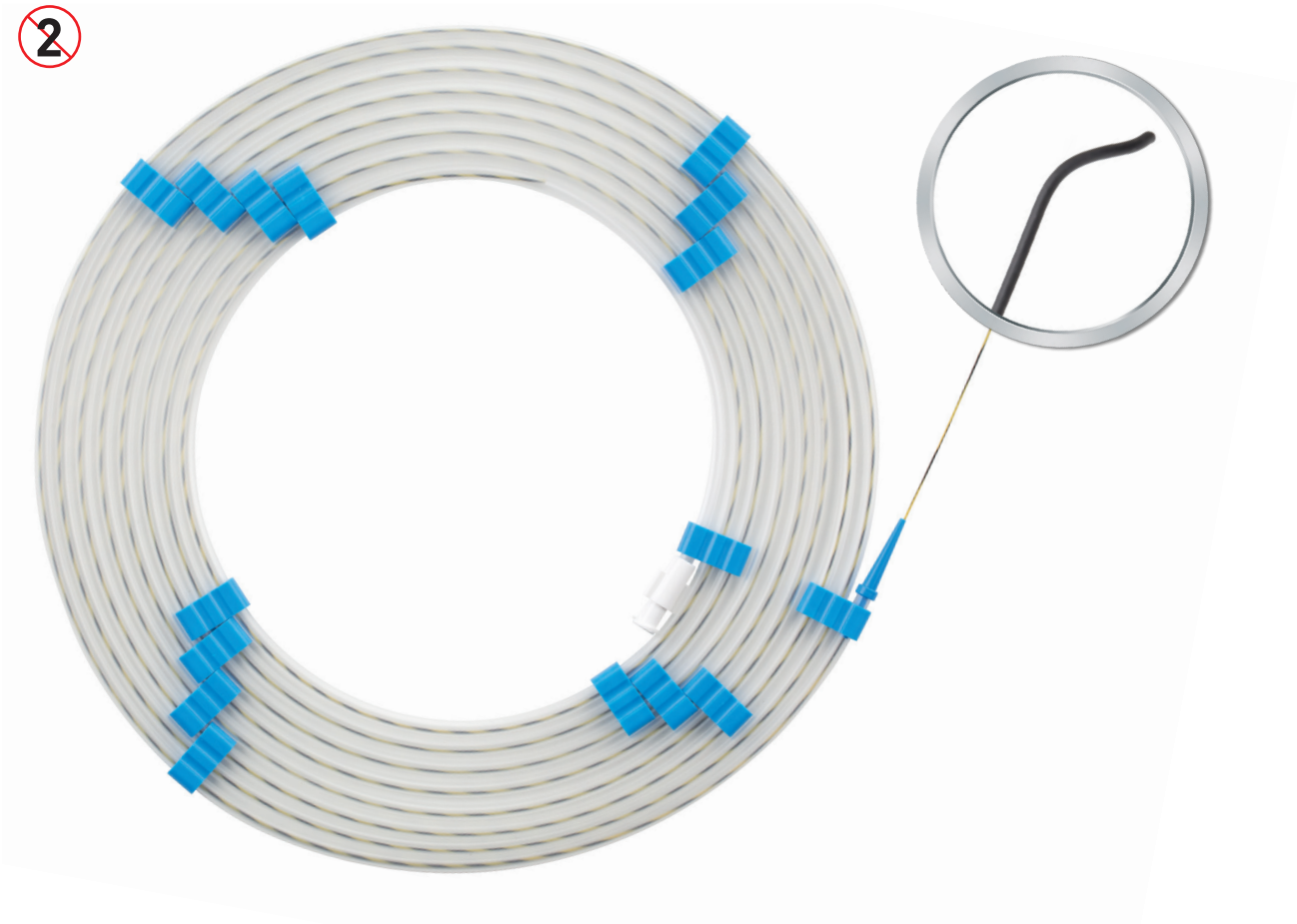
SIMULATED ROTARY MOTION;
CORKSCREW PRINCIPLE



VIDEO:
„WIRE OVER THE WIRE TECHNIK“

GUIDE WIRE, „SMART-WIRE“

according to Prof. Dr. med. Jochen Weigt



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



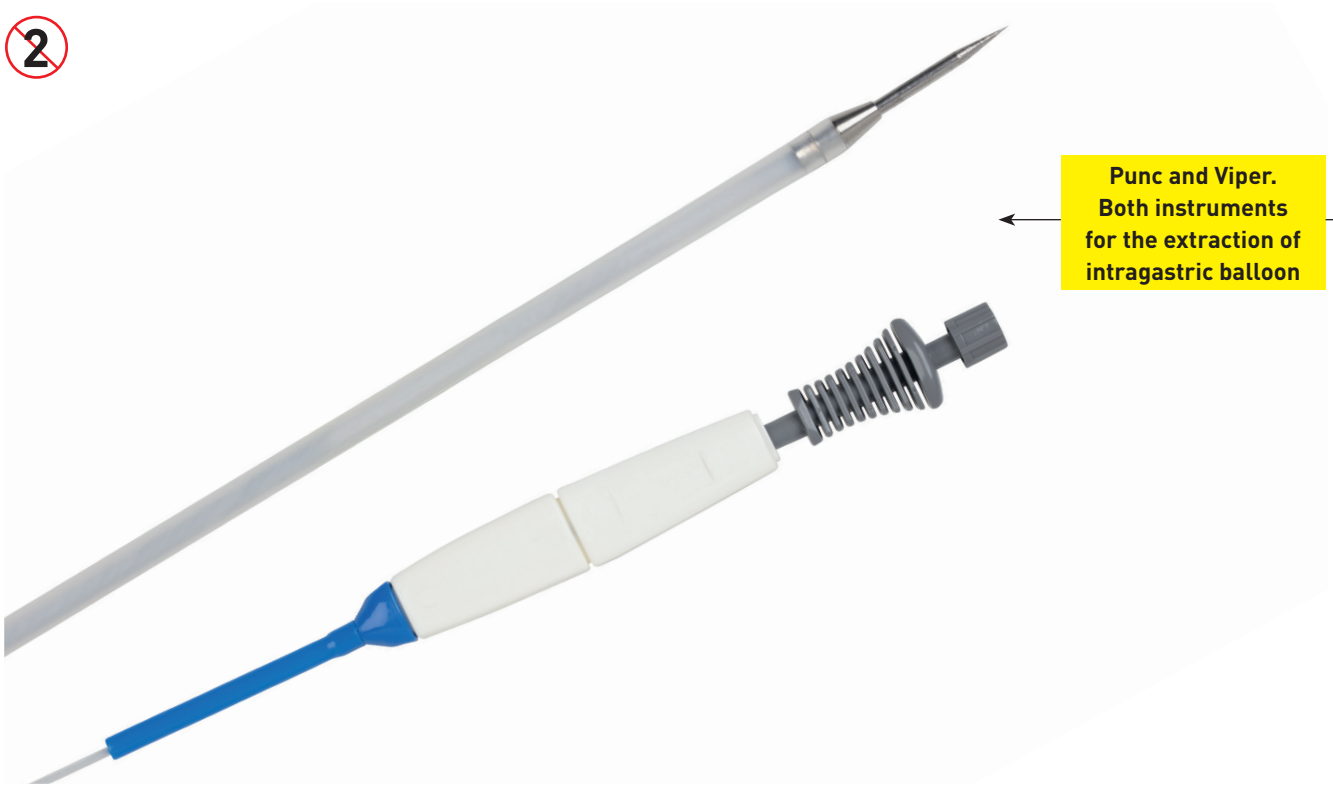
— Disposable products

BASICS



DEFLATION NEEDLE

Punc

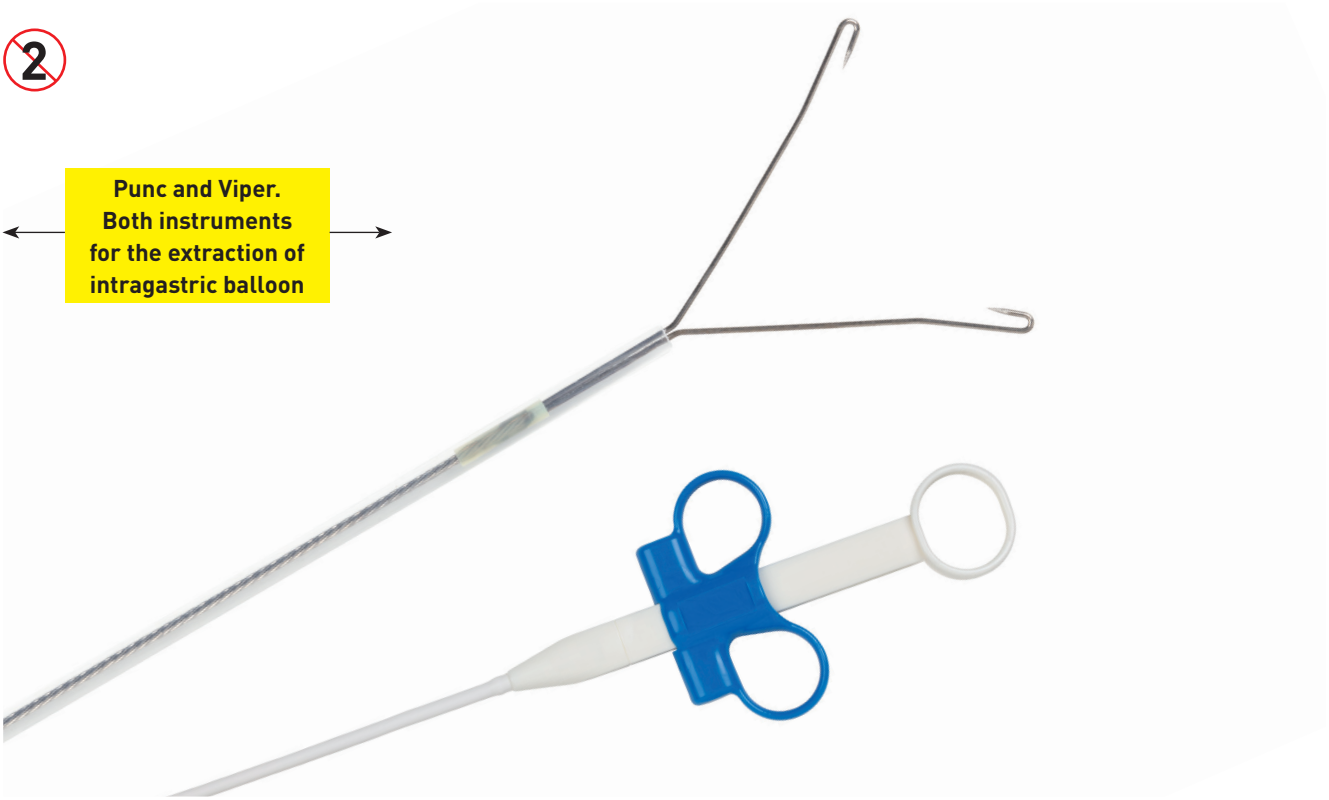


Punc and Viper. Both instruments for the extraction of intragastric balloon

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

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NASOBILIARY DRAINAGE
CATHETER-SET

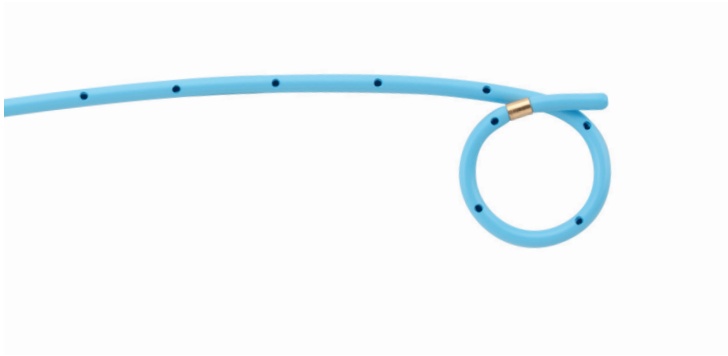
LL-connector, connecting tube, with funnel and three way stopcock length 150 cm, nasal tube length 50 cm



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

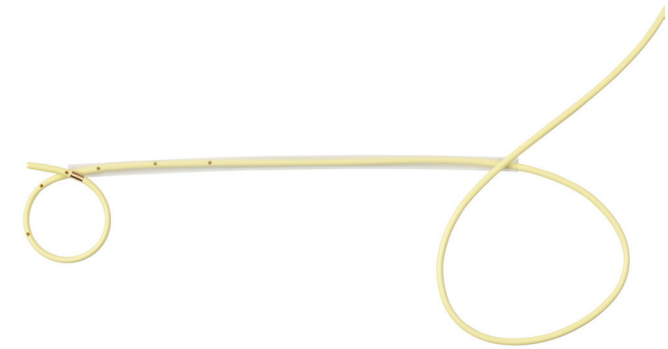
LL-connector, connecting tube with funnel and three way stopcock length 150 cm, nasal tube length 50 cm



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

NASOBILIARY DRAINAGE
CATHETER-SET

LL-connector, connecting tube with funnel and three way stopcock



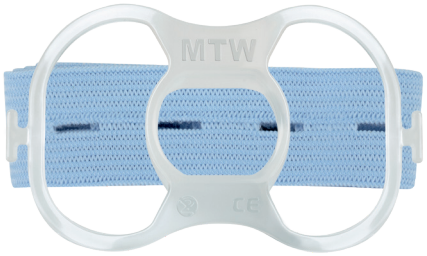
Order no. Article no.	Number of side holes	Diameter Ch.	Length cm	PU
0400556400	12	5.0	250	1

BITE BLOCKS

latex free



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



1001778
Ø 21,8 mm
Bite block, **with headstrap**



CKD-A2
Bite block for children use, Ø 16 mm
with headstrap

Order no.	Article no.	Description	PU
CKD-C1 x50	CKD-C1	Bite bloc with Oxygene-insufflation, with headstrap, latex free	50
1001778 x100	1001778	Headstrap, textilerubber, latex free	100
CKD-A2 x25	CKD-A2	Bite bloc for children, with headstrap, latex free	25

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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

All endoscope valve systems are lubricant-free

ENDOSCOPE VALVES SYSTEM

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

for Olympus



Order no.	Article no.	for **Olympus** endoscope serie	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, **Cleaning Adapter Air-Water-Channel**

for Olympus

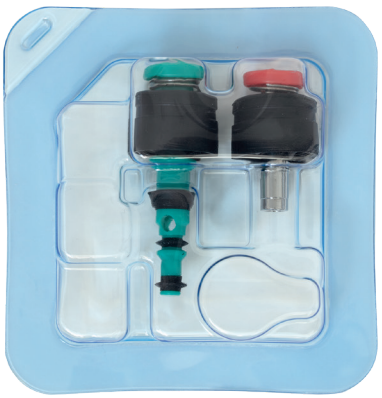


Order no.	Article no.	for **Olympus** endoscope serie	PU
CVK-006 x200	CVK-006	140/160/180/190/ 240/260/290	200

ENDOSCOPE VALVES SYSTEM

2 parts: Air/Water Valve, Suction Valve

for Olympus



Order no.	Article no.	for **Olympus** endoscope serie	PU
CVK-005 x200	CVK-005	140/160/ 180/190/ 240/260/290	200

ENDOSCOPE VALVES SYSTEM

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

for Olympus



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

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ENDOSCOPE VALVES SYSTEM

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

for Olympus



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

ENDOSCOPE VALVES SYSTEM

4 parts: Biopsy Valve, Air/Water Valve, Suction Valve, Air/Water Channel Cleaning Adapter

for Fujifilm



Order no.	Article no.	for **Fujifilm** endoscope serie	PU
CVK-015 x200	CVK-015	700	200

ENDOSCOPE VALVES SYSTEM

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

for Fujifilm



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

ENDOSCOPE VALVES SYSTEM

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

for Fujifilm



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

ENDOSCOPE VALVES SYSTEM

2 parts: Air/Water Valve, Suction Valve

for Fujifilm



Order no.	Article no.	for **Fujifilm** endoscope serie	PU
CVK-008 x200	CVK-008	700	200

BIOPSY VALVE

with lateral rinsing adapter, latex free

for Olympus **for Fujifilm**



Order no.	Article no.	Description	PU
AS2450000 x50	AS2450000	instrument channel type **Olympus** and **Fujifilm**	50

CO^2 ADAPTER FOR OLYMPUS UCR

for Olympus



Order no.	Article no.		PU
CCA-001 x100	CCA-001	for **Olympus** UCR	100

CO^2 ADAPTER FOR FUJIFILM

for Fujifilm



Order no.	Article no.		PU
CCA-002 x75	CCA-002	für Fujifilm GW-100	75

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BIOPSY VALVE

With lateral rinsing adapter, latex free

for Pentax



Order no.	Article no.	Description	PU
AS2460000 x50	AS2460000	instrument channel type **Pentax**	50

BIOPSY VALVE

latex free

for Olympus | for Fujifilm | for Pentax



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

BIOPSY VALVE

for Olympus | for Fujifilm



Order no.	Article no.	Description	PU
CBV-A3 x100	CBV-A3	for **Olympus**- and **Fujifilm**-endoscopes	100

CLEANING ADAPTER

Air-water channel

for Fujifilm



Order no.	Article no.	Description	PU
CAW-002 x100	CAW-002	for **Fujifilm** 700	100

CLEANING ADAPTER

Air-water channel

for Olympus



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

ENDOSCOPY RINSING SYSTEM ES 100/110

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



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

IRRIGATION TUBE FOR IRRIGATION UNITS

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

for Olympus



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

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WATER JET CONNECTOR

Air-Water-Channel

for Pentax



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

WATER JET CONNECTOR

Air-Water-Channel

for Fujifilm



Order no.	Article no.	Description	PU
WJC-271 x100	WJC-271	for **Fujifilm** endoscopes	100

WATER JET CONNECTOR

Air-Water-Channel

for Olympus



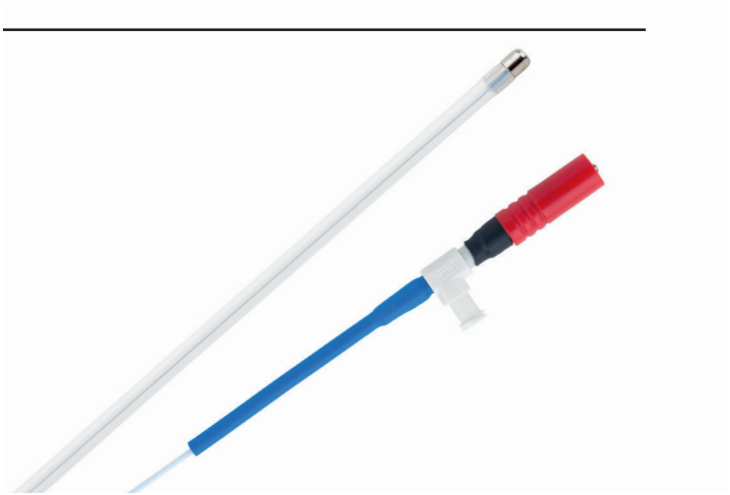
Order no.	Article no.	Description	PU
WJC-241 x100	WJC-241	ffor **Olympus** endoscopes	100

ANTIFOAMING NEEDLE / SAB-NEEDLE



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

COAGULATION PROBE



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

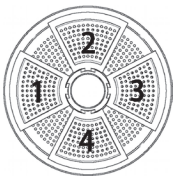
FOREIGN BODY PROTECTOR HOOD



Order no.	Article no.	Description	PU
AS0420000 x10	AS0420000	Latex	10

SUCTION POLYP TRAP

Easy Transport System, 4 compartments



4 compartments



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

ENDOSCOPE BUMPER

for endoscopes



Order no.	Article no.	Description	PU
VTL-BUMPER-PE-S x40	VTL-BUMPER-PE-S	Protection of the endoscope, **blue,** for endoscopes **4 < Ø < 8 mm**	40
VTL-BUMPER-PE-M x100	VTL-BUMPER-PE-M	Protection of the endoscope, **green,** for endoscopes **> 8 mm**	100

1



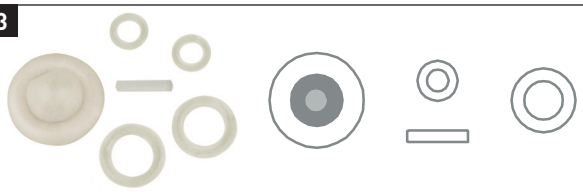
Article no. AS1070000
Model Olympus, 2 openings, small

2



Article no. AS1460000
Model Olympus, 2 openings, large

3



Article no. AS1470000
Model Pentax, 1 opening

4



Article no. AS1830000
Model Olympus, 1 opening

5



Article no. AS2070000
Model Pentax, 2 openings

6



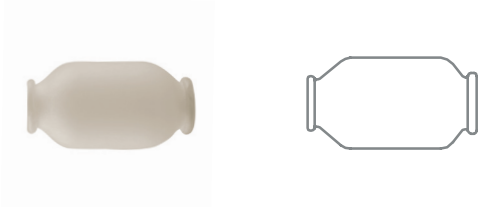
Article no. AS2230000
Model Olympus Serie 160, 2 openings

7



Article no. AS2800000
Model Fujifilm, 1 opening

8



Article no. AS2660000
Model Fujifilm, 2 openings

9



Article no. AS3280000
Model Olympus, 2 openings

10



Article no. AS3710000
Model Pentax 3270, 2 openings

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11



Article no. AS3680000
Model Olympus 180, 1 opening

12



Article no. AS3610000
Model Fujifilm, radial, 2 openings

13



Article no. AS3560000
Model Fujifilm, konvex, 1 opening

ECHO-HOODS

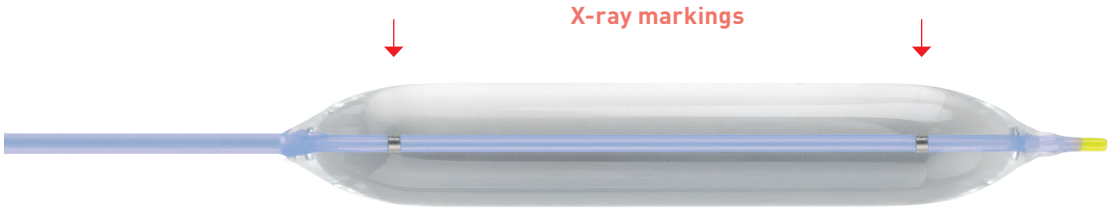
Balloons for echo endoscopy

Images in original size

Order no.	Article no.	Description	Special features	Image	PU
AS1070000 x20	AS1070000	Model Olympus, 2 openings, small	for echo-duodenoscope	1	20
AS1460000 x20	AS1460000	Model Olympus, 2 openings, large	for echo-coloscope	2	20
AS1470000 x20	AS1470000	Model Pentax, 1 opening	for echo-duodenoscope	3	20
AS1830000 x20	AS1830000	Model Olympus, 1 opening	for echo-duodenoscope	4	20
AS2070000 x20	AS2070000	Model Pentax, 2 openings	for echo-duodenoscope	5	20
AS2230000 x20	AS2230000	Model Olympus series 160, 2 openings		6	20
AS2800000 x20	AS2800000	Model Fujifilm, 1 opening		7	20
AS2660000 x20	AS2660000	Model Fujifilm, 2 openings		8	20
AS3280000 x20	AS3280000	Model Olympus, 2 openings	**for echo-bronchoscope**	9	20
AS3710000 x20	AS3710000	Model Pentax 3270, 2 openings	for echo-duodenoscope	10	20
AS3680000 x20	AS3680000	Model Olympus 180	for echo-duodenoscope	11	20
AS3610000 x20	AS3610000	Model Fujifilm, radial, 2 openings		12	20
AS3560000 x20	AS3560000	Model Fujifilm, convex, 1 opening		13	20

DILATION BALLOON SINGLE-STAGE

for guide wire 0.035", high pressure build-up, easy handling, ergonomic shape, extended safety standards



Order no. Article no.	Catheter		Ballon		Pressure (ATM) recommended	Pressure (ATM) max.	Working channel mm	PU
	Length cm	Diameter mm	Length mm	Diameter mm				
CJ-JHY-BD-06-40-250	250	2,4	40	6	8	10	2,8	1
CJ-JHY-BD-08-40-250	250	2,4	40	8	8	10	2,8	1
CJ-JHY-BD-10-40-250	250	2,4	40	10	8	10	2,8	1
CJ-JHY-BD-12-60-250	250	2,4	60	12	5	6	2,8	1
CJ-JHY-BD-14-60-250	250	2,4	60	14	5	6	2,8	1
CJ-JHY-BD-16-60-250	250	2,4	60	16	5	6	2,8	1
CJ-JHY-BD-16-80-250	250	2,4	80	16	5	6	2,8	1
CJ-JHY-BD-18-80-250	250	2,4	80	18	4	5	2,8	1
CJ-JHY-BD-20-80-250	250	2,4	80	20	4	5	2,8	1

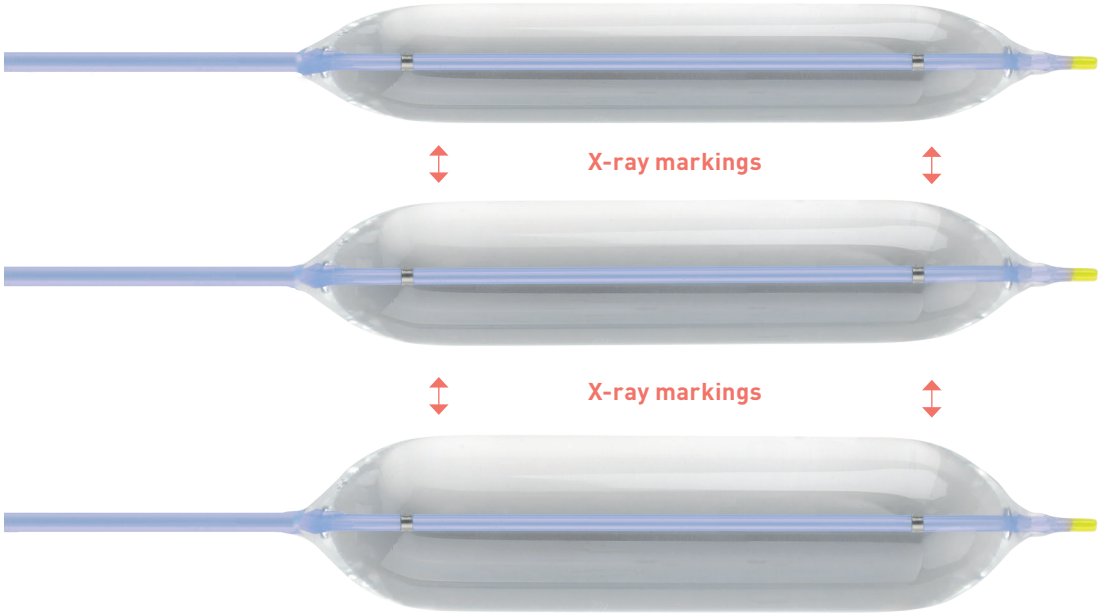
ACHALASIA BALLOONS

Order no. Article no.	Catheter		Ballon		Pressure (ATM) recommended	Pressure (ATM) max.	Working channel mm	PU
	Length cm	Diameter mm	Length mm	Diameter mm				
CJ-JHY-BD-30-80-90	90	3,5	80	30	2	3	Use outside the endoscope	1
CJ-JHY-BD-35-80-90	90	3,5	80	35	2	3		1

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DILATION BALLOON THREE-STAGE

for guide wire 0.035", high pressure build-up, easy handling, ergonomic shape, extended safety standards



Order no. Article no.	Catheter		Ballon		Pressure (ATM) recommended	Pressure (ATM) max.	Working channel mm	PU
	Length cm	Diameter mm	Length mm	Diameter mm				
NLS/BD3-4-240	240	2,0	30	04-05-06	3-4,5-6	6	2,8	1
NLS/BD3-8-240	240	2,0	30	08-09-10	3-4,5-6	6	2,8	1
NLS/BD3-10-240	240	2,5	55	10-11-12	3-4,5-6	6	2,8	1
NLS/BD3-12-240	240	2,5	55	12-13,5-15	3-4,5-6	6	2,8	1
NLS/BD3-15-240	240	2,5	55	15-16,5-18	3-4,5-6	6	2,8	1
NLS/BD3-18-240	240	2,5	55	18-19-20	3-4,5-6	6	2,8	1

INFLATOR WITH MANOMETER



Order no.	Article no.	Capacity (cc)	Pressure (ATM)	Connection	PU
CIF-20 x10	CIF-20	20	30	3-way high pressure stopcock	10



Handle with winding drum


Ligator cartrige


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
ZBL18-6A x5	ZBL18-6A	Multi Band Ligator	Barrel with **6 bands** for endoscope Ø 8,6 ~ 13,0 mm	5

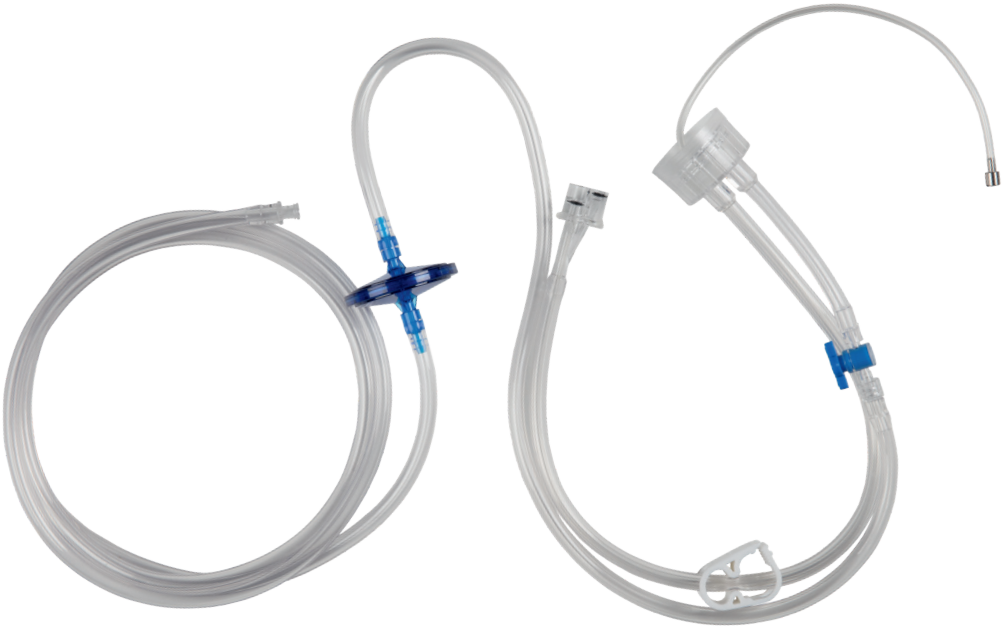
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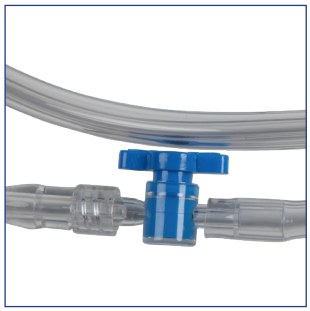
Multi Band Ligator

with 6 ligation bands for endoscopic ligation of esophageal varices



CLEAN CAP WITH CO^2 SOURCE TUBE





With 2-way valve for use with and without CO^2



Filter with CO^2 hose

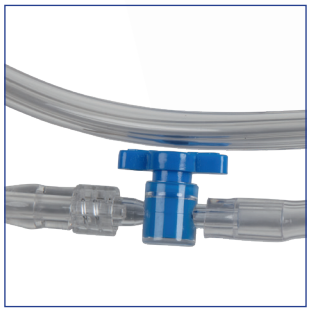


Connection to the supply plug

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 CAP WITH CO^2 SOURCE TUBE





With 2-way valve for use with and without CO^2



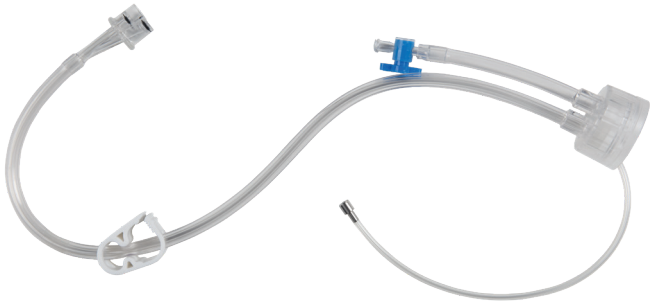
Filter with CO^2 hose



Connection to the supply plug

Order no.	Article no.	Description	PU
CIT-FJ700-KT x60	CIT-FJ700-KT	for **Fujifilm** endoscope series	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“



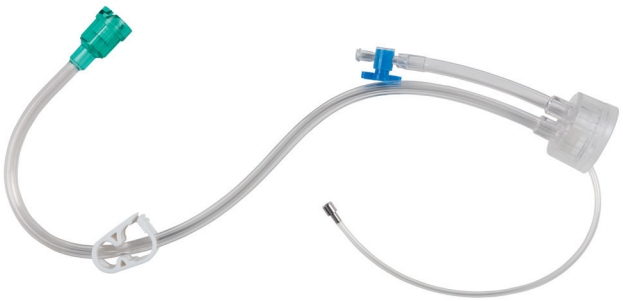
Order no.	Article no.	Description	PU
CIT-004 x40	CIT-004	for **Pentax** endoscope series	40

CO^2 SOURCE TUBE

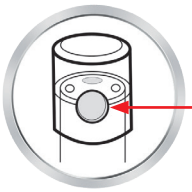


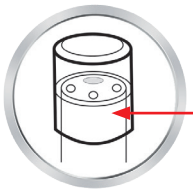
Order no.	Article no.	Description	PU
CFT-001 x60	CFT-001	for **Olympus**, **Fujifilm**, **Pentax**	60

CLEAN CONNECTION TUBE



Order no.	Article no.	Description	PU
CIT-FJ700 x40	CIT-FJ700	for **Fujifilm** 700	40





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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	GIF-H190		10
				EG-2790K	GIF-Q260		
ST-092-40-NH x10	ST-092-40-NH	8.9 - 9.5	4.0	EG-2770	GIF-H190		10
				EG-2790K	GIF-Q260		
ST-098-40 x10	ST-098-40	9.6 - 10	4.0	GIF-H180,	PCF-PH190L/I		10
				GIF-H260	GIF-HQ190		
ST-098-40-NH x10	ST-098-40-NH	9.6 - 10	4.0	GIF-H180,	PCF-PH190L/I		10
				GIF-H260	GIF-HQ190		
ST-099-40 x10	ST-099-40	9.9 - 10.5	4.0	EC-2990Fi	EC-2990Mi	EG-2990K	10
				EC-2990Li			
ST-105-40 x10	ST-105-40	10.3 - 10.7	4.0	PCF-Q260J	EC-3490TLi	EG-2990K	10
						EG-2990Zi	
ST-108-40 x10	ST-108-40	10.7 - 11.1	4.0	EG-2990i	EG-590ZW	GIF-H260Z	10
				EG-450CT5			
ST-115-40 x10	ST-115-40	11.3 - 11.7	4.0	EC-3470MK/FK/LK	EG-3470K	PCF-H180AI/L	10
				EC-3490FK/Fi/LK	EG-3490K	PCF-H190DI/L	
					EG-450D5		
ST-115-40-NH x10	ST-115-40-NH	11.3 - 11.7	4.0	EC-3470MK/FK/LK	EG-3470K	PCF-H180AI/L	10
				EC-3490FK/Fi/LK	EG-3490K	PCF-H190DI/L	
					EG-450D5		
ST-122-40 x10	ST-122-40	12.1 - 12.5	4.0	CF-Q260A			10
				CF-Q260D			
ST-128-40 x10	ST-128-40	12.6 - 12.9	4.0	EC-250WM5	EC-3890LZi, FZi, MZi	EC-530WM/WI	10
				EC-380Kp	EC-450WM5/W15	EC-590WM/ZW	
ST-132-40 x10	ST-132-40	13.0 - 13.5	4.0	CF-H190L/I	EC-3890Mi/Fi/Li	EG-3890TK	10
				CF-HQ190L/I	EC-3890TFK/TLK		
				CF-Q180AL/I			
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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