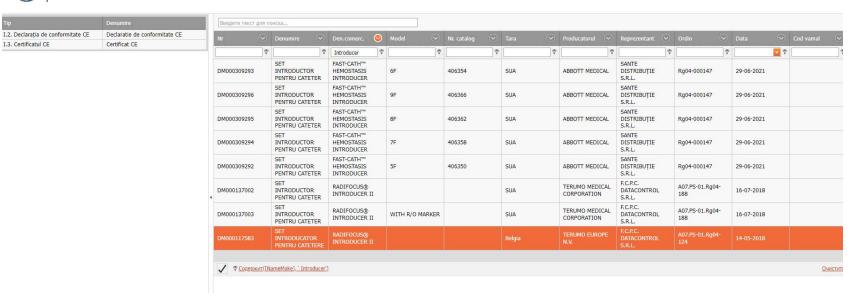


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#### REGISTRUL DE STAT AL DISPOZITIVELOR MEDICALE



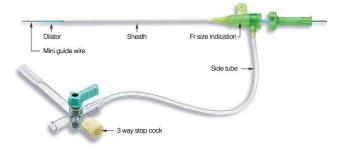
# RADIFOCUS Introducer II STANDARD KIT

Introducer Sheath

Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.

## Product Characteristics

- Total Integrated Fit (TIF) tip tapering: optimal tapering design at the tip of the sheath and dilator for smooth penetration
- Cross-cut hemostasis valve: effectively protects against blood reflux and air aspiration
- Thin radiopaque sheath with anti-kinking sleeve: for excellent catheter handling
- Snap-on / click-off dilator lock: prevents dilator back-out during insertion and allows one-hand unlocking
- Wide variety of kit variations providing all elements for quick vessel access: 4 11 Fr sheaths, 5 25 cm lengths, Surflash or micro puncture metal needle



#### Available Kits

- A Kit contains sheath, dilator,
   plastic mini guidewire and plastic IV catheter (entry needle)
- B Kit contains sheath, dilator, plastic or spring mini guidewire
- . C Kit contains sheath and dilator
- R Kit contains sheath, dilator, spring mini guidewire and metallic entry needle



#### General Specifications

Sheath length	10 cm
Mini guidewire	Plastic Straight and Angled 0.025" (0.64 mm) for 4 Fr, 0.035" (0.89 mm) for all others 45 cm
Entry needle	Plastic IV Catheter - $18G \times 2 \frac{1}{2}$ " (1.2 x 64 mm), except for 4 Fr : $20G \times 2$ " (0.9 x 51 mm), 2.5 ml syringe is included
Guidewire compatibility	0.025" (0.64 mm) for 4 Fr 0.035" (0.89 mm) for all others
Packaging	Tray

## □ B Kit

## 1<sup>st</sup> Type in tray with plastic mini guidewire General Specifications

Sheath length	10 cm and 25 cm	
Mini guidewire	Plastic Straight and Angled 0.025" (0.64 mm) or 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others 45 cm for 10 cm sheath and 80 cm for 25 cm sheath	
Guidewire compatibility	0.025" (0.64 mm) or 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others	
Packaging	Tray	

#### Item Specifications

Inner	Mini guide	wire type
diameter	45 cm angled	45 cm straight
4 Fr	RS+A40K10AQ	RS+A40G10SQ
5 Fr	RS+A50K10AQ	RS+A50K10SQ
6 Fr	RS+A60K10AQ	RS+A60K10SQ
7 Fr	_	RS+A70K10SQ
8 Fr	_	RS+A80K10SQ
9 Fr	_	RS*A90K10SQ
10 Fr	_	RS*A10K10SQ
11 Fr	_	RS*A11K10SQ

Please quote above item reference codes when placing an order

## Item Specifications

Inner	Guidewire	Sheath le	ngth 10 cm	Sheath length 25 cm
diameter	compatibility	Mini guidewire type		
		45 cm angled	45 cm straight	80 cm angled
4 Fr	0.025" (0.64 mm)	_	RS+B40G10SQ	_
4 Fr	0.035" (0.89 mm)	RS+B40K10AQ	RS+B40K10SQ	_
5 Fr	0.038" (0.97 mm)	RS+B50N10AQ	RS+B50N10SQ	RS+B50N25AQ
6 Fr	0.038" (0.97 mm)	_	RS+B60N10SQ	RS+B60N25AQ
7 Fr	0.038" (0.97 mm)	_	RS+B70N10SQ	RS+B70N25AQ
8 Fr	0.038" (0.97 mm)	_	RS+B80N10SQ	RS+B80N25AQ
9 Fr	0.038" (0.97 mm)	_	RS*B90N10SQ	RS*B90N25AQ
10 Fr	0.038" (0.97 mm)	_	RS*B10N10SQ	RS*B10N25AQ
11 Fr	0.038" (0.97 mm)	_	RS*B11N10SQ	RS*B11N25AQ



## B Kit

## 2<sup>nd</sup> Type in tray with spring mini guidewire

## General Specifications

Sheath length	10 cm	
Mini guidewire	Spring, J-type 0.035" (0.89 mm) and 0.038" (0.97 mm) 45 cm	
Guidewire compatibility	0.035" (0.89 mm) or 0.038" (0.97 mm)	
Packaging	Tray	

## Item Specifications

Inner	Guidewire compatibility	
diameter	0.035" (0.89 mm)	0.038" (0.97 mm)
4 Fr	RS+B40K10MQ	_
5 Fr	RS+B50K10MQ	RS+B50N10MQ
6 Fr	RS+B60K10MQ	RS+B60N10MQ
7 Fr	RS+B70K10MQ	RS+B70N10MQ
8 Fr	RS+B80K10MQ	RS+B80N10MQ
9 Fr	RS*B90K10MQ	RS*B90N10MQ
10 Fr	RS*B10K10MQ	RS*B10N10MQ
11 Fr	RS*B11K10MQ	RS*B11N10MQ

Please quote above item reference codes when placing an order

## 3<sup>rd</sup> Type in pouch with spring mini guidewire General Specifications

Sheath length	10 cm	
Mini guidewire	Spring J Angled 0.035" (0.89 mm) for all items	
Guidewire compatibility	0.035" (0.89 mm) for 4Fr items 0.038" (0.97 mm) for all other items	
Packaging	Pouch	

## Item Specifications

Inner diameter	Item reference
4 Fr	RS*B40K10MR
5 Fr	RS*B50N10MRD
6 Fr	RS*B60N10MRD
7 Fr	RS*B70N10MRD
8 Fr	RS*B80N10MRD
9 Fr	RS*B90N10MRD
10 Fr	RS*B10N10MRD
11 Fr	RS*B11N10MRD

Please quote above item reference codes when placing an order

## C Kit

## General Specifications

Sheath length	10 cm and 25 cm	
Guidewire compatibility	0.025" (0.64 mm), 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others	
Packaging	Pouch	

## Item Specifications

Inner	Guidewire	Sheath	length
diameter	compatibility	10 cm	25 cm
4 Fr	0.025" (0.64 mm)	RS+C40G10NR	_
4 Fr	0.035" (0.89 mm)	RS+C40K10NR	RS+C40K25NR
5 Fr	0.038" (0.97 mm)	RS+C50N10NR	_
6 Fr	0.038" (0.97 mm)	RS+C60N10NR	RS+C60N25NR
7 Fr	0.038" (0.97 mm)	RS+C70N10NR	RS+C70N25NR
8 Fr	0.038" (0.97 mm)	RS+C80N10NR	RS+C80N25NR
9 Fr	0.038" (0.97 mm)	RS*C90N10NR	_
10 Fr	0.038" (0.97 mm)	RS*C10N10NR	_
11 Fr	0.038" (0.97 mm)	RS*C11N10NR	_

Please quote above item reference codes when placing an order



## General Specifications

Sheath length	10 cm	
Mini guidewire	Spring, J-type 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others 45 cm	
Entry needle	Metallic entry needle - 18G x 2 ¾" (1.2 x 70 mm)	
Guidewire compatibility	0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others	
Packaging	Tray	

## Item Specifications

Inner diameter	Item reference
4 Fr	RS+R40K10MQ
5 Fr	RS+R50N10MQ
6 Fr	RS+R60N10MQ
7 Fr	RS+R70N10MQ
8 Fr	RS+R80N10MQ
9 Fr	RS+R90N10MQ

# RADIFOCUS Introducer II **TRANSRADIAL KIT**



Introducer Sheath

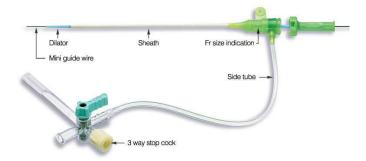
Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.

Being a pioneer and a leader in vascular access, Terumo's goal is to offer complete solutions for transradial interventions with devices that minimize patient stress and optimize outcomes.

#### Product Characteristics



- Total Integrated Fit (TIF) tip tapering: optimal tapering design at the tip of the sheath and dilator for smooth penetration
- Cross-cut hemostasis valve: effectively protects against blood reflux and air aspiration
- Thin radiopaque sheath with anti-kinking sleeve: for excellent catheter handling
- Snap-on I click-off dilator lock: prevents dilator back-out during insertion and allows one-hand unlocking





## Solution Nr. 1

## Radifocus® Introducer II special transradial tapered Introducer Kit

- · Dilator internal tip diameter equals to mini guidewire external diameter
- Micro puncture metallic entry needle with short bevel (22G/21G/20G) equals to mini guidewire to minimize puncture site complications

#### Available kits

R Kit contains sheath, dilator, spring mini guidewire and metallic entry needle.

#### General Specifications

Sheath length	7 cm and 10 cm
Mini guidewire	Spring Straight 0.018" (0.46 mm), 0.021" (0.53 mm) and 0.025" (0.64 mm) 45 cm
Entry needle	Metallic entry needle - 22G x 1 3/8 (0.7 x 35mm), 21G x 1 3/8 (0.8 x 35mm), 20G x 1 3/8 (0.9 x 35mm)
Guidewire compatibility	0.018" (0.46 mm), 0.021" (0.53 mm) and 0.025" (0.64 mm)
Packaging	Tray

#### Item Specifications

		Sheath length 7 cm			Sheath length 10 cm	
Inner diameter			Compatible v	vith guidewire		
ulameter	0.018" (0.46 mm)	0.021" (0.53mm)	0.025" (0.64 mm)	0.018" (0.46 mm)	0.021" (0.53 mm)	0.025" (0.64 mm)
4 Fr	RT-R40A07PQ	RT-R40D07PQ*	RT-R40G07PQ	RT-R40A10PQ	RT-R40D10PQ	RT-R40G10PQ
5 Fr	RT-R50A07PQ	_	RT-R50G07PQ	RT-R50A10PQ	RT-R50D10PQ	RT-R50G10PQ
6 Fr	RT-R60A07PQ	_	RT-R60G07PQ	RT-R60A10PQ	RT-R60D10PQ	RT-R60G10PQ
7 Fr	_	_	_	_	RT-R70D10PQ	_



## Solution Nr. 2

## Radifocus® Introducer II M Coat™, Introducer Kit with hydrophilic M Coating

- Dilator internal tip diameter equals to mini guidewire external diameter
- Retrieving the M Coat<sup>™</sup> sheath requires only half the force compared to conventional uncoated sheaths

#### Available Kits

- M Coat™ A Kit contains sheath, dilator, plastic mini guidewire and plastic IV catheter (entry needle), 2.5 cc syringe
- M Coat™ R Kit contains sheath, dilator, spring mini guidewire and metallic entry needle



M Coat™ A Kit

## General Specifications

Sheath length	10 cm, 16 cm and 25 cm
Sheath coating	Hydrophilic M Coat™
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm for 10 cm sheath and 80 cm for 16 cm and 25 cm sheath
Entry needle	Plastic IV Catheter - 20G x 1 1/4" (0.9 x 32 mm) , 2.5 ml syringe is included
Guidewire compatibility	0.025" (0.64 mm)
Packaging	Tray

## Item Specifications

Inner diameter	Sheath length			
milei diametei	10 cm	16 cm	25 cm	
5 Fr	RM*AF5J10SQW	RM*AF5J16SQW	RM*AF5J25SQW	
6 Fr	RM*AF6J10SQW	RM*AF6J16SQW	RM*AF6J25SQW	

Please quote above item reference codes when placing an order



M Coat™ R Kit

## General Specifications

10 cm, 16 cm and 25 cm
Hydrophilic M Coat™
Spring Straight 0.021" (0.53 mm) and 0.025" (0.64 mm) 45 cm for 10 cm sheath, 80 cm for 16 cm and 25 cm sheath
Metallic entry needle 21G x 1 2/5 (0.8 x 36 mm) 20G x 1 2/5 (0.9 x 36 mm)
0.021" (0.53 mm) and 0.025" (0.64 mm)
Tray

## Item Specifications

Inner diameter		Sheath length		
illilei ulalilelei	Guidewire compatibility	10 cm	16 cm	25 cm
5 Fr	0.021" (0.53 mm)	RM*RF5F10PQ	RM*RF5F16PQ	RM*RF5F25PQ
5 Fr	0.025" (0.64 mm)	RM*RF5J10PQ	RM*RF5J16PQ	RM*RF5J25PQ
6 Fr	0.021" (0.53 mm)	RM*RF6F10PQ	RM*RF6F16PQ	RM*RF6F25PQ
6 Fr	0.025" (0.64 mm)	RM*RF6J10PQ	RM*RF6J16PQ	RM*RF6J25PQ

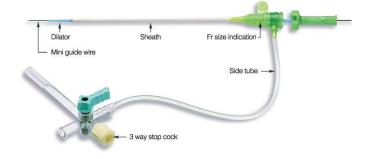
# RADIFOCUS Introducer | PEDIATRICKIT

Introducer Sheath

Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.

## Product Characteristics

- 0
- Total Integrated Fit (TIF) tip tapering: optimal tapering design at the tip of the sheath and dilator for smooth penetration
- Cross-cut hemostasis valve: effectively protects against blood reflux and air aspiration
- Thin radiopaque sheath with anti-kinking sleeve: for excellent catheter handling
- Snap-on / click-off dilator lock: prevents dilator back-out during insertion and allows one-hand unlocking
- Nitinol super elastic mini guidewire enables smooth insertion and removal



#### Available Kits

- A Kit contains sheath, dilator, plastic mini guidewire and plastic IV catheter (entry needle), 2.5 cc syringe
- B Kit contains sheath, dilator and plastic mini guidewire



A Kit

## General Specifications

Sheath length	5 cm and 7 cm	
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm	
Guidewire compatibility	0.025" (0.64 mm)	
Entry needle	Plastic IV catheter - 20G x 2" (0.9 x 51 mm), 2.5 ml syringe is included	
Packaging	Tray	

## 0

B Kit

## General Specifications

Sheath length	7 cm
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm
Guidewire compatibility	0.025" (0.64 mm)
Packaging	Tray

## Item Specifications

Inner	Sheath	ı length
diameter	5 cm	7 cm
4 Fr	_	RS+A40G07SQ
5 Fr	RS*A50G05SQ	RS+A50G07SQ
6 Fr	RS*A60G05SQ	RS+A60G07SQ

Please quote above item reference codes when placing an order

## Item Specifications

Inner diameter	Sheath length	Item reference
4 Fr	7 cm	RS+B40G07SQ
5 Fr	7 cm	RS+B50G07SQ
6 Fr	7 cm	RS+B60G07SQ

## RADIFOCUS® OBTURATOR

Introducer Sheath

An obturator supports the wall of the indwelling introducer sheath without a catheter in place.

#### Product Characteristics

- Snap-on connection to sheath hub
- High flexibility and kink-resistance

- Color coded
- Made of polypropylene with a rounded tip

## Item Specifications

Compatible Introducer Cheath aire	Length		
Compatible Introducer Sheath size	10 cm	25 cm	
4 Fr	XX*RF050410M	_	
5 Fr	XX*RF050510M	XX*RF050525M	
6 Fr	XX*RF050610M	XX*RF050625M	
7 Fr	XX*RF050710M	XX*RF050725M	
8 Fr	XX*RF050810M	XX*RF050825M	
9 Fr	XX*RF050910M	_	

Please quote above item reference codes when placing an order

## RADIFOCUS® VESSEL DILATOR

Introducer Sheath

A vessel dilator facilitates the pre-dilatation of puncture site.

## Item Specifications

,				
Outor diameter	r diameter Length	Guidewire compatibility		
outer diameter		0.035" (0.89 mm)	0.038" (0.97 mm)	
4 Fr	15.5 cm	RF*VD40K10M	_	
5 Fr	15.5 cm	RF*VD50K10M	RF*VD50N10M	
6 Fr	15.5 cm	RF*VD60K10M	RF*VD60N10M	
7 Fr	15.5 cm	RF*VD70K10M	RF*VD70N10M	
8 Fr	15.5 cm	RF*VD80K10M	RF*VD80N10M	
9 Fr	15.5 cm	RF*VD90K10M	RF*VD90N10M	
10 Fr	15.5 cm	RF*VD10K10M	_	
11 Fr	15.5 cm	RF*VD11K10M	_	



## **DECLARATION OF CONFORMITY**

We,

TERUMO EUROPE N.V. Interleuvenlaan 40, 3001 Leuven, Belgium

being the manufacturer of:

# RADIFOCUS® INTRODUCER II (Transradial Kit)

**Product:** 

**Catheter Introducer** 

(See Appendix A for related product codes)

declare that the above product of Class IIa is in conformity with the provisions of the EC Council Directive 93/42/EEC of 14 June 1993, as amended, concerning medical devices, and has been subject to the conformity assessment procedure laid down in Article 11.1 (a) of the Directive, relating to the "Full Quality Assurance System" set out in Annex II, and by certification of Annex II.3 (Registration No: HD 60106290 0001), under the supervision of TÜV Rheinland LGA Products GmbH as Notified Body authorized by the German Competent Authority and carrying the Notified Body No. 0197.

Leuven, 29.01.2020

(place and date of issue)

M.J. Aerts

VP Regulatory & Quality

TERUMO EUROPE N.V.









## Appendix A - Related product codes

The product code is composed of 12 digits maximum and explained as follows:

1	2	3	4	5	6	7	8	9	10	11		12
R	Т	Rad	ifocus	Introd	ucer II	Transra	dial A	ccess				
Production - Terumo Euro			rope N.	.V.								
Indication of kit compostion R Sheath, Dilator, Spring guide wire and					e and i	metallic	entry need	dle				
Size of sheath in Fr 4 0				4 Fr								
				5	0	5 Fr						
				6	0	6 Fr						
				7	0	7 Fr						
(diffe	or I.D., erence o	of Dila	ator ,	/ sheat				erence ength	in	Dilato	r I.D.	Metallic entry needle
needle				Α	A 25		0.018"		22G x 35 mm			
				D	25			0.021"		21G x 35 mm		
						G		25		0.0	25"	20G x 35 mm
Leng	th of th	e she	ath				0	7	70 m	m		
							1	0	100 r	mm		
Mini spring guide wire type						N	No gu	No guide wire				
									P		ght, fixed c lexible	ore, uncoated, distal
Packaging						Q	Tray pack (Multi language)					
Special product indication: alphanumerical digit to distingu from standard items						iish	×					



Rev.19

## **DECLARATION OF CONFORMITY**

We, TERUMO CORPORATION
44-1, 2-chome, Hatagaya, Shibuya-ku, Tokyo 151-0072, Japan

being the manufacturer of:

# **RADIFOCUS Introducer II**

**Product: Catheter Introducer** 

declare that the above products of **Class IIa** are in conformity with the provisions of the EC Council Directive 93/42/EEC of 14 June 1993, as amended, concerning medical devices, and have been subject to the conformity assessment procedure laid down in Article 11, 2 and 11, 3(a) of the Directive, relating to the "Full quality assurance" set out in Annex II, and by certification of Annex II, excluding Section 4 under the supervision of TÜV Rheinland LGA Products GmbH (Registration No.: HD 60145252 0001), Tillystraße 2, 90431 Nürnberg Germany, as Notified Body authorized by the German Competent Authority and carrying the Notified Body No. 0197.

Authorized European Representative:

TERUMO EUROPE N.V. Interleuvenlaan 40, 3001 Leuven, Belgium

Object of the declaration: see appendix A

Tokyo, February 10, 2020 (place and date of issue)

Toshio Nakashima
General Manager
Quality Assurance Department
TERUMO CORPORATION





Rev.19

## Appendix A - List of Code Number Structure

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Character	Characters & Meaning						
number	Product name						
1, 2	National Control Contr						
	RS: Introducer kit						
	RM: Introducer kit containing hydrophilic polymer-coated sheath.						
3	Destination						
	*: for export						
4	Kit contents						
	A : Sheath, Dilator, Mini guide wire, Syringe, Entry needle						
	(SurfloFlash), Scalpel*1, (Guide inserter*2)						
	B : Sheath, Dilator, Mini guide wire, (Guide inserter*2)						
	C : Sheath, Dilator						
	E: Sheath, Dilator, Mini guide wire, Entry needle (SurfloFlash),						
	(Guide inserter*2) G: Sheath, Dilator, Mini guide wire, Scalpel*1 (Guide inserter*2)						
	G: Sheath, Dilator, Mini guide wire, Scalpel*1 (Guide inserter*2) H: Dilator						
	J : Sheath, Dilator, Scalpel*1						
	K: Sheath, Dilator, Mini guide wire, Syringe, Entry needle (metallic needle), Scalpel*1, (Guide inserter*2)						
	L: Sheath, Dilator, Syringe, Entry needle (SurfloFlash), Scalpel*1						
	M : Sheath, Dilator, Entry needle (SurfloFlash), Scalpel*1						
	N : Sheath, Dilator, Mini guide wire, Syringe, Scalpel*1, (Guide inserter*2)						
	P : Sheath, Dilator, Mini guide wire, Syringe, Entry needle						
	(SurfloFlash), (Guide inserter*2)						
	Q : Dilator, Mini guide wire, (Guide inserter*2)						
	R : Sheath, Dilator, Mini guide wire, Entry needle (metallic needle / Metallic Entry Needle						
	improved product), (Guide inserter*2)						
	S : Sheath, Dilator, Mini guide wire, Entry needle (SurfloFlash),						
	Scalpel*1, (Guide inserter*2)						
	W : Mini guide wire						
	*1: not contained in the export specifications						
	*2: contained when the mini guide wire has an angled tip or a J tip.						



Rev.19

ortion of dilator in Type of Surflo Standard With adapter
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Rev.19

Character number	Characters & Meaning						
8-9	Length of sheath $00$ : no sheath $05\sim:50\text{mm}\sim$						
10	Type of mini guide wire A: Plastic, Angled B: Plastic, Angled, 4mm of tip cut E: Straight E F: Flex, Angled H: Short tapered, short angle J: Plastic, 3mm J K: Stiff, Angled M: Spring, J N: No mini guide wire contained. P: Spring, Straight S: Plastic, Straight V: Plastic, 1.5mm J-angle Y: Flex, Straight						
11	Packaging Q: Tray package (Multi-language) R: Pouch package (Multi-language)						
12	Reserved  1: With scalpel.  5: Inner diameter of dilator at distal end: 0.038", Outer diameter of mini guide wire: 0.035"  Z: Entry needle: 20Gx2"→20Gx1 1/4" Length of mini guide wire: 80cm→45cm, scalpel contained.  W: Entry needle: 20Gx1 1/4", scalpel contained.						



Rev.19

## Appendix A - List of Code Number Structure

 1
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Character number	Characters & Meaning						
1, 2	Product name  RS: Introducer kit						
3	Destination + / *: Manufactured by TVC for worldwide excluding Japan						
4	Kit contents  A: Sheath, Dilator, Mini guide wire, Syringe, Entry needle (SurfloFlash), Scalpel, (Guide inserter*)  B: Sheath, Dilator, Mini guide wire, (Guide inserter*)  C: Sheath, Dilator  R: Sheath, Dilator, Mini guide wire, Entry needle (metallic needle), (Guide inserter*)  *: contained when the mini guide wire has an angled tip or a J tip.						
5-6	Sheath Size (Fr) (w/o hydrophilic polymer coating Characters 40 50 60 70 Size 4.0 5.0 6.0 7.0	80 8.0					
7				Type of Surflo  Standard			
8-9	Length of sheath  00 : no sheath0  5~ : 50mm~						
10	Type of mini guide wire  A: Plastic, Angled  M: Spring, J  N: No mini guide wire contained.  P: Spring, Straight  S: Plastic, Straight						
11	Packaging Q: Tray package (Multi-language #, Chinese) R: Pouch package (Multi-language #, Chinese)						
12	Reserved  1: With scalpel.  5: Inner diameter of dilator at distal end: 0.038",  Outer diameter of mini guide wire: 0.035"  Z: Entry needle: 20Gx2"→20Gx1 1/4"  Length of mini guide wire: 80cm→45cm, scalpel contained.						



## **EC** Certificate

# Directive 93/42/EEC Annex II, excluding Section 4 Full Quality Assurance System Medical Devices

Registration No.: HD 60145252 0001

Report No.: 12031336 018

Manufacturer: Terumo Corporation

44-1, 2-chome, Hatagaya

Shibuya-Ku, Tokyo 151-0072 Japan

Products:

see attachement for products included

Replaces Approval, Registration No.: HD 60121893 0001

**Expiry Date:** 

2024-05-26

The Notified Body hereby declares that the requirements of Annex II, excluding section 4 of the directive 93/42/EEC have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance, defined by Annex II, section 5 of the aforementioned directive. For placing on the market of class III devices covered by this certificate an EC design-examination certificate according to Annex II, section 4 is required.

**Effective Date:** 

2019-12-23

Date:

2019-12-23

M.Sc. M. Aihara

**Notified Body** 

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
TÜV Rheinland LGA Products GmbH is a Notified Body according to Directive 93/42/EEC
concerning medical devices with the identification number 0197.

rtifizierung





Doc. 1/2, Rev.0

# TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg

Attachment to Certificate

Registration No.:

HD 60145252 0001

Report No.:

12031336 018

Manufacturer:

Terumo Corporation 44-1, 2-chome, Hatagaya Shibuya-Ku, Tokyo 151-0072 Japan

#### Products included:

- Blood Bags
- Blood Donor Set
- Blood Transfusion Filter
- Intravenous Catheter
- Intravenous Administration Set
- Hypodermic Syringe
- Winged Needle
- Dental Needle
- Other Medical Needle
- Blood Administration Set
- Lancet

TÜVRhei Notified Body

M.Sc. M. Aihara

Date: 2019-12-23



Doc. 2/2, Rev.0

# TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg

Attachment to Certificate

Registration No.: Report No.:

HD 60145252 0001

12031336 018

Manufacturer:

Terumo Corporation 44-1, 2-chome, Hatagaya

Shibuya-Ku, Tokyo 151-0072 Japan

#### Products included:

- Extra-corporeal Membrane Oxygenator
- Cardiopulmonary Bypass Arterial Line Blood Filter
- Heart-Lung Bypass Defoamer
- Cardiotomy Reservoir
- Cardiopulmonary Bypass Blood Reservoir
- Haemoconcentration Filter
- Centrifugal Pump
- Angiographic Catheter
- Balloon Dilatation Catheter
- Catheter Guide Wire
- Guiding Catheter
- Catheter Introducer
- Stents
- Extension Tube
- Temperature Control Unit for Heart-Lung Bypass System Module
- Infusion Pump
- Syringe Infusion Pump
- Clinical Electronic Thermometer

**Notified Body** 

M Sc M Aihara

Date: 2019-12-23



# Quality Management System EN ISO 13485:2016

Registration No.:

SX 1485480-1

Organization:

Terumo Corporation 44-1, 2-chome, Hatagaya Shibuya-ku, Tokyo 151-0072 Japan

Scope:

Design and Development, Manufacture, Distribution and Service of

- Angiographic Catheter and Accessories

- Anti-adhesion System

- Balloon Dilatation Catheter

- Blood Collection/Transfusion Device and Accessories

- Blood Glucose Monitoring system

- Cartridge Injection System

- Catheter Introducer and Accessories

- Electronic Sphygmomanometer

- Electronic Thermometer

- Embolization Prosthesis and Accessories

- Endoscopic Vessel Harvesting System

- Extracorporeal Circulation Device and Accessories

- Falloposcopic Tuboplasty Device and Accessories

- Guide Wire and Accessories

- Guiding/Micro Catheter and Accessories

- Infusion Pump

- Infusion Set and Accessories

The Certification Body of TÜV Rheinland LGA Products GmbH certifies that the organization has established and applies a quality management system for medical devices.

Proof has been furnished that the requirements specified in the abovementioned standard are fulfilled. The quality management system is subject to yearly surveillance.

Report No.:

150241635-301

Effective date:

2021-08-30

Expiry date:

2023-08-29

Issue date:

2021-08-29



Michiaki Aihara TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany

TÜVRheinland



# Quality Management System EN ISO 13485:2016

Registration No.:

SX 1485480-1

Organization:

Terumo Corporation 44-1, 2-chome, Hatagaya Shibuya-ku, Tokyo 151-0072 Japan

- Intravascular Imaging Catheter and Accessories
- Intravascular Imaging System and Accessories
- Intravenous Catheter
- Left-Ventricular Assist System
- Needle
- Open-heart surgery devices and Accessories
- Oral Care Device and Accessories
- Peritoneal Dialysis Device and Accessories
- Pneumatically-powered Massager
- Prefillable Syringe
- Pulse Oximeter
- Radial Artery Hemostasis Device and Accessories
- Stent System
- Syringe
- Syringe Infusion Pump
- Syringe with Needle
- Thrombus Removal Device
- Tube Catheter and Accessories
- Urine test strip
- Vascular Closure Device
- Vascular Inspection/Treatment Kit
- Vascular prosthesis and Accessories
- Wearable Infusion Pump

Report No.:

150241635-301

Effective date:

2021-08-30

Expiry date:

2023-08-29

Issue date:

2021-08-29





Michiaki Aihara TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany



# Quality Management System EN ISO 13485:2016

Registration No.:

SX 1485480-1

Organization:

Terumo Corporation 44-1, 2-chome, Hatagaya Shibuya-ku, Tokyo 151-0072 Japan

The scope of certification also covers the following:

No.	Facility	Scope
/01	c/o Terumo Corporation 44-1, 2-chome, Hatagaya Shibuya-ku, Tokyo 151-0072 Japan	Aspects related to Design and Development, Manufacture, Distribution and Service.
/02	c/o Terumo Corporation - Tokyo office 3-20-2, Nishi-Shinjuku Shinjuku-ku, Tokyo 163-1450 Japan	Aspects related to Design and Development and activities related to corporate management processes.
/03	c/o Terumo Corporation, Shonan Center 1500, Inokuchi, Nakai-machi Ashigarakami-gun, Kanagawa 259-0151 Japan	Aspects related to Distribution and activities related to customer communication processes.

Report No.: 150241635-301
Effective date: 2021-08-30
Expiry date: 2023-08-29
Issue date: 2021-08-29





Michiaki Aihara TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany



# Quality Management System EN ISO 13485:2016

Registration No.:

SX 1594584-1

Organization:

TERUMO EUROPE N.V.

Interleuvenlaan 40 3001 Leuven

Belgium

Scope:

Design and development, manufacture and sterilization of syringes, needles, administration sets, angiographic interventional catheter systems, extra corporeal circuits for open heart surgery and ancillary devices, non-vascular guide wires, short peripheral catheters and related accessories.

Clinical investigation, marketing and distribution of active and non-active medical devices, active implantable medical devices, and in vitro diagnostic medical devices.

Installation and serving of active medical devices.

The Certification Body of TÜV Rheinland LGA Products GmbH certifies that the organization has established and applies a quality management system for medical devices.

Proof has been furnished that the requirements specified in the abovementioned standard are fulfilled. The quality management system is subject to yearly surveillance.

Report No.: 3350367-50
Effective date: 2021-12-08
Expiry date: 2024-12-07
Issue date: 2021-11-25

DAKKS

Deutsche
Akkreditierungsstelle
D-ZM-14169-01-02

Dipl.-Ing. (FH) D. Wiedemuth TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany

TÜVRheinlan



Quality Management System EN ISO 13485:2016

Registration No.:

SX 1594584-1

Organization:

TERUMO EUROPE N.V.

Interleuvenlaan 40 3001 Leuven

Belgium

The scope of certification also covers the following sites:

No. Facility

/01 c/o TERUMO EUROPE N.V.

Interleuvenlaan 40 3001 Leuven Belgium

/02 c/o Terumo Europe UK

3 Unity Grove

Knowsley Business Park South

Merseyside, Knowsley

L34 9GT

United Kingdom

Scope

Design and development, manufacture and sterilization of syringes, needles, administration sets, angiographic interventional catheter systems, extra corporeal circuits for open heart surgery and ancillary devices, non-vascular guide wires, short peripheral catheters and related accessories. Clinical investigation, marketing and distribution of active and non-active medical devices, active implantable medical devices, and in vitro diagnostic medical devices. Installation and serving of active medical devices

Design and development, manufacture and sterilization of extra corporeal circuits for open heart surgery and ancillary devices

Report No.: 3350367-50
Effective date: 2021-12-08
Expiry date: 2024-12-07
Issue date: 2021-11-25

DAKKS

Deutsche
Akkreditierungsstelle
D-ZM-14169-01-02

Dipl.-Ing. (FH) D. Wiedemuth

Dipl.-Ing. (FH) D. Wiedemuth TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany



# Quality Management System EN ISO 13485:2016

Registration No.:

SX 1594584-1

Organization:

TERUMO EUROPE N.V.

Interleuvenlaan 40 3001 Leuven

Belgium

The scope of certification also covers the following sites:

/03 c/o Terumo Deutschland GmbH

Ludwig-Erhard-Str. 6 65760 Eschborn

Germany

Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

/04 c/o Terumo France S.A.S.

Bâtiment Renaissance, 3 rond-point des

78280

Saules

Guyancourt France Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

/05 c/o Terumo Italia S.r.I.

Via Paolo di Dono 73

00142 Roma

Italy

Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

/06 c/o Terumo Europe España SL

Avda. Juan Carlos I, N°13-7 Planta 28806 Alcalá de Henares (Madrid)

Spain

Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

Report No.: 3350367-50
Effective date: 2021-12-08
Expiry date: 2024-12-07

Issue date: 2021-11-25

DAKKS

Deutsche
Akkreditierungsstelle
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Dipl.-Ing. (FH) D. Wiedemuth
TÜV Rheinland LGA Products GmbH
Tillystraße 2 · 90431 Nürnberg · Germany



# Quality Management System EN ISO 13485:2016

Registration No.:

SX 1594584-1

Organization:

TERUMO EUROPE N.V.

Interleuvenlaan 40 3001 Leuven

Belgium

The scope of certification also covers the following sites:

/07 c/o Terumo Europe UK Ltd.

Otium House

2 Freemantle Road

Bagshot Surrey GU19 5LL United Kingdom

and in-vitro diagnostic medical devices

Distribution of active and non-active medical

devices, active implantable medical devices,

/08 c/o Terumo Europe N.V.

Benelux Sales Division Interleuvenlaan 40 3001 Leuven

Belgium

Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

/09 c/o Terumo Sweden AB

Sven Källfets gata 16

SE-426 71 Västra Frölunda

Sweden

Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

/10 c/o Terumo Deutschland GmbH

Zweigniederlassung Switzerland

Bodenäckerstrasse 3 8957 Spreitenbach

Switzerland

Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

Report No.:

3350367-50

Effective date:

2021-12-08

Expiry date:

2024-12-07

Issue date:

2021-11-25

DAKKS

Deutsche
Akkreditierungsstelle
D-ZM-14169-01-02

Dipl.-ing. (FH) D. Wiedemuth TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany

TÜVRheinla



# Quality Management System EN ISO 13485:2016

Registration No.:

SX 1594584-1

Organization:

TERUMO EUROPE N.V.

Interleuvenlaan 40 3001 Leuven

Belgium

The scope of certification also covers the following sites:

/11 c/o Terumo Europe N.V.

European Distribution Center

Brikkenovenstraat 48

3600 Genk Belgium Storage and distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic

medical devices

/12 c/o Terumo Europe N.V.

Terumo Interventional Systems

EMEA (TIS-EMEA) Interleuvenlaan 40 3001 Leuven Belgium Marketing of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

/13 c/o Terumo Europe N.V.

Terumo Cardiovascular Europe Middle East & Africa (TCV-EMEA)

Ludwig-Erhard-Straße 6

65760 Eschborn

Germany

Marketing of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

Report No.: 3350367-50
Effective date: 2021-12-08
Expiry date: 2024-12-07
Issue date: 2021-11-25





Dipl.-Ing. (FH) D. Wiedemuth TÜV Rheinland LGA Products GmbH Tillystraße 2 90431 Nürnberg Germany



## **Quality Management System** EN ISO 13485:2016

Registration No.: SX 1594584-1

Belgium

Belgium

Organization: TERUMO EUROPE N.V.

> Interleuveniaan 40 3001 Leuven Belgium

The scope of certification also covers the following sites:

/14 c/o Terumo Europe N.V. Marketing of active and non-active medical

Terumo Medical Products devices, active implantable medical devices. EMEA (TMP-EMEA) and in-vitro diagnostic medical devices

Interleuvenlaan 40 3001 Leuven

/15 c/o Terumo Europe N.V. Marketing of active and non-active medical Diabetes Management devices, active implantable medical devices,

EMEA (DM-EMEA) and in-vitro diagnostic medical devices Interleuvenlaan 40 3001 Leuven

/16 c/o Terumo Europe N.V. Marketing of active and non-active medical

Terumo Pharmaceutical Solutions devices and active implantable medical

Interleuvenlaan 40 devices

3001 Leuven Belgium

/17 c/o Terumo Deutschland GmbH Distribution of active and non-active medical Zweigniederlassung Austria devices, active implantable medical devices, Liebermannstrasse F10-301 and in-vitro diagnostic medical devices

2345 Brunn am Gebirge Austria

Report No.: 3350367-50 Effective date: 2021-12-08 Expiry date:

2024-12-07

2021-11-25

Dipl.-Ing. (FH) D. Wiedemuth TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany



Issue date:

TÜVRheinle

Mzlerung91



Quality Management System EN ISO 13485:2016

Registration No.:

SX 1594584-1

Organization:

TERUMO EUROPE N.V.

Interleuvenlaan 40

3001 Leuven Belgium

The scope of certification also covers the following sites:

/18 c/o Terumo Europe N.V.

**Emerging Market Division** 

Interleuvenlaan 40 3001 Leuven Belgium Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

/19 c/o Terumo Poland Sp. Zoo

Wisniowy Business Park budynek D

ul. 1 Sierpnia 6 02-134 Warszawa

Poland

Distribution of active and non-active medical devices, active implantable medical devices, and in-vitro diagnostic medical devices

Report No.: 3350367-50
Effective date: 2021-12-08
Expiry date: 2024-12-07
Issue date: 2021-11-25





Dipl.-Ing. (FH) D. Wiedemuth TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany



## **EC** Certificate

# Directive 93/42/EEC Annex II, excluding Section 4 Full Quality Assurance System Medical Devices

Registration No.: HD 60134707 0001

Report No.: 21240046 017

Manufacturer: TERUMO EUROPE N.V.

Interleuvenlaan 40

3001 Leuven

Belgium

**Products:** (see attachment for products and additional sites included)

Replaces Certificate, Registration No.: HD 60106290 0001

**Expiry Date:** 2024-05-26

The Notified Body hereby declares that the requirements of Annex II, excluding section 4 of the directive 93/42/EEC have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance, defined by Annex II, section 5 of the aforementioned directive. For placing on the market of class III devices covered by this certificate an EC design-examination certificate according to Annex II, section 4 is required.

**Effective Date:** 2020-04-21

Date: 2020-04-21

Dipl.-Ing. (FH) D. Wiedemu

**Notified Body** 

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg TÜV Rheinland LGA Products GmbH is a Notified Body according to Directive 93/42/EEC concerning medical devices with the identification number 0197.



Doc. 1/2, Rev. 0

# TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg

Attachment to Certificate

Registration No.:

HD 60134707 0001

21240046 017

Manufacturer:

Report No.:

TERUMO EUROPE N.V. Interleuvenlaan 40 3001 Leuven Belgium

#### Products included:

- Syringes
- Needles
- Administration sets
- Extra corporeal circuits for open heart surgery
- Non-vascular guide wires
- Introducer for vascular access
- Angiographic Catheters
- Guidewire for Angiography

For the following devices the scope covers only the aspects of the manufacture concerned with the securing and maintaining sterile conditions:

- Ancillary devices for extracorporeal circuits for open heart surgery
- Mixing needles

**Notified Body** 

Dipl.-Ing. (FH) D. Wiedemuth

Date: 2020-04-21



Doc. 2/2, Rev. 0

# TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg

Attachment to Certificate

Registration No.: HD 60134707 0001

Report No.: 21240046 017

Manufacturer: TERUMO EUROPE N.V.

Interleuvenlaan 40

3001 Leuven Belgium

additional sites included:

Terumo Europe N.V. European Distribution Center Brikkenovenstraat 48 3600 Genk, Belgium

Terumo Europe UK 3 Unity Grove, Knowsley Business Park South Knowsley, Merseyside L34 9GT, United Kingdom

Notified Body

Dipl.-Ing. (FH) D. Wiedemuth

**TÜV**Rheinland

10/020 h 04.08 TÜ∜, TUSV and TUV are registered trad≠marks. Utilisation and application requires prior approval

Date: 2020-04-21