

# ANGIOGATE<sup>®</sup> INTRODUCER SHEATHS & NEEDLES

Our **difference**  
is your **speciality**

# KIMAL COMMITMENT

## AWARD WINNING CUSTOMER SERVICE

The customer is our number one priority and we are committed to consistently delivering high standards of customer care globally. It is this philosophy which has led us to achieve the European Supply Chain Excellence Award for Customer Service in conjunction with an NHS Trust.



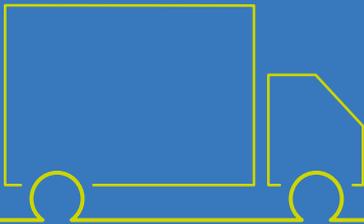
## NO UNEXPECTED SURPRISES

We will work with you to deliver a customised procedure pack to your requirements. You will receive what you ask for and if anything changes, we will notify you first.



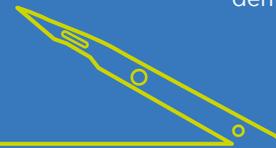
## DELIVER ON TIME

KIMAL recognise the importance of delivering on time, every time, in full. Through our 50 Years' experience we have developed core skills which have enabled us to work with our customers and actively manage the challenges of fluctuating demand through forecasted monthly usage.



## HIGH QUALITY PRODUCTS TO MEET YOUR NEEDS

We work with our manufacturers to deliver quality products which will withstand the demands of the procedure.



## SPECIALIST CLINICAL KNOWLEDGE

Our team of Clinical Specialists and a customer focussed sales team are dedicated to understanding the needs of clinicians and will support you in improving efficiencies in your department.



Our **commitment** to your **patient**

# PACK +

**Your speciality is our priority and we believe in giving you choice.**

**With over 50 years' experience of working in a specialism where expert knowledge, an eye for detail and high quality specialist products are critical, Kimal understand the individual requirements of a procedure.**

The Kimal Pack+ Service supplies the choice you need to perform a procedure at the highest standard.

Committed to supporting your individual needs, Kimal have a range of high quality Procedure Packs, Drapes and Gowns and Procedure products to suit your speciality.

If you are looking for something more specialised, Kimal can work with you to produce solutions with the whole procedure in mind, which will meet your exact requirements.

**PROCEDURE PACKS**

**1**

**SPECIALITY PROCEDURE PACKS**

**DRAPES + GOWNS**

**2**

**SPECIALITY DRAPES**

## **PROCEDURE PRODUCTS**

Kimal's comprehensive range of products, from swabs to instruments and specialist ranges of Angiographic Catheters, Guidewires, Introducer Sheaths and Biopsy needles, have been developed alongside clinicians with your procedural requirements in mind.

**3**

**SPECIALITY PRODUCTS**



- + Dedicated to supporting innovation and delivering speciality innovative products to niche areas
- + Key speciality devices developed and selected with the whole procedure in mind
- + Committed to supporting patient safety and increasing productivity.

Our **difference** is your **speciality**



# INTRODUCER NEEDLES AND SHEATHS

## Reliable access when you need it

Achieve consistent access every time with Kimal AngioGate. An extensive range of Introducer Needles, Sheaths and Kits to support diagnostic procedures.

- ▶ Introducer Needles
- ▶ Transradial Access
- ▶ Peelaways
- ▶ Haemostatic Valve Sheaths
- ▶ Paediatric Sheaths
- ▶ Micro Access

Available in a comprehensive range of sizes and configurations, Kimal AngioGate equips you with a reliable solution to support the access requirements of your procedure.

For full procedural solutions, the Kimal Procedure Pack will compliment your access device of choice. Created specifically to meet the demands of your procedure, Kimal can support you from initial setup through to completion.

A white line-art diagram of a human figure is shown on the right side of the page. Three horizontal arrows point from text labels to specific anatomical locations on the body: the radial wrist, the femoral neck, and the pedal point on the foot.

**TRANSRADIAL**

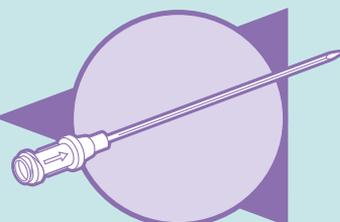
**FEMORAL**

**PEDAL**

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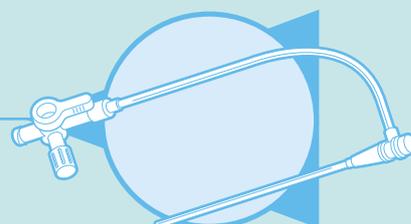
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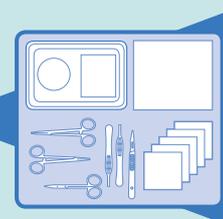
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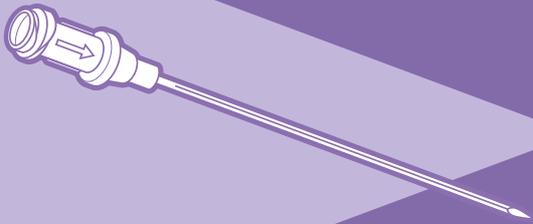
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Introducer Sheaths

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# INTRODUCER NEEDLES



Developed specifically with you in mind, Kimal Introducer Needles are available in a wide range of configurations and sizes ensuring that you have a needle specific to your requirements.

## GAUGE SIZES

GAUGE SIZE	MM	INCHES
18	1.270	0.050
19	1.067	0.042
20	0.9081	0.03575
21	0.8192	0.03225

For further information on our range of speciality products and customisation please speak to your local Kimal representative.

# ANGIOGATE® INTRODUCER NEEDLES

Available in the following configurations:

Single wall

Two part

With/without Baseplate



## ACCESS & SIZES

Available in: 18G, 19G, 20G, 21G

See page 22 for the full ordering guide.



Transradial



Femoral

# INTRODUCER SHEATHS



AngioGate® Introducers are available in a range of sizes and various configurations ensuring that you have the introducer required for your patient and procedure. Providing reliable access when you need it.

- ▶ Haemostatic Valve Introducer Sheaths
- ▶ Transradial Introducer Sheaths
- ▶ Paediatric Sheaths
- ▶ MicroIntroducers
- ▶ Peelaway Sheaths
- ▶ Vessel Dilators

## FRENCH CATHETER SCALE

COLOUR	ACTUAL SIZE	FRENCH	MM	INCHES
	•	3	1	0.039
	•	4	1.35	0.053
	•	5	1.67	0.066
	•	6	2	0.079
	•	7	2.3	0.092
	•	8	2.7	0.105
	•	9	3	0.118
	•	10	3.3	0.131
		10.5		
	•	11	3.7	0.144
	•	12	4	0.158
		12.5		
	•	13	4.3	0.17
	•	14	4.7	0.184
	•	15	5	0.197
	•	16	5.3	0.21

For further information on our range of speciality products and customisation please speak to your local Kimal representative.

# ANGIOGATE® HAEMOSTATIC VALVE (HV) INTRODUCER SHEATH

## Smooth Insertion, Reliable Performance

The comfortable and lightweight design of AngioGate HV Introducer Sheaths combined with the gradual tapered tip and intricate positioning of the valve, provide a smooth, atraumatic insertion and dependable performance during the most demanding procedures.

Available as a single unit or as part of a Kit - see page 10 for Kit.

**Audible click of the "push-in, flex-out" connection** support simple assembly and separation

**Suture ring on hub** convenient for securing the sheath in multi-stage procedures

**Colour coded hub** for easy identification of correct sizing

**Unique proprietary polymer construction** provides a smooth sheath and dilator for an easier insertion

## FEATURES & BENEFITS



**Intricately positioned valve** offers reliable haemostasis whilst supporting catheter manipulation.



**Dual tapered design:** precision made dilator and sheath introducer provides a smooth transition between components - limits trauma to the surrounding tissue.



**Optional Radiopaque band** provides clear positioning under fluoroscopy.

## ACCESS & SIZES

Available in **4** **5** **6** **7**

See page 23 for the full ordering guide.

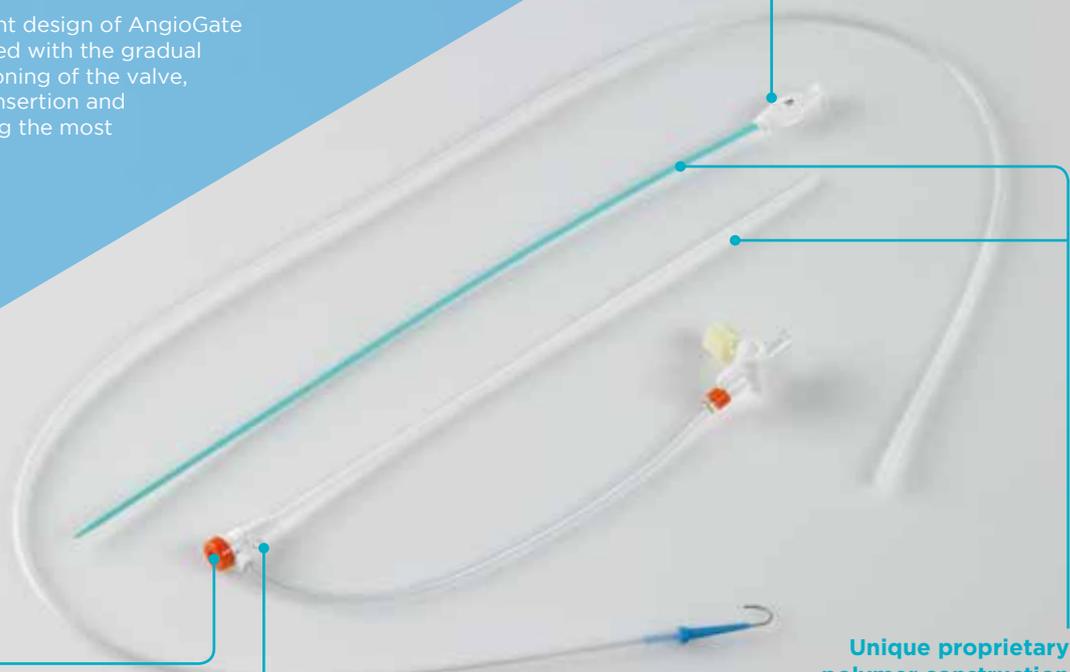


Femoral

# ANGIOGATE® HAEMOSTATIC VALVE (HV) INTRODUCER SHEATH KIT

## Convenient and Reliable

The comfortable and lightweight design of AngioGate HV Introducer Sheaths combined with the gradual tapered tip and intricate positioning of the valve, provide a smooth, atraumatic insertion and dependable performance during the most demanding procedures.



**Audible click of the “push-in, flex-out” connection** support simple assembly and separation

**Intricately positioned valve** offers reliable haemostasis whilst supporting catheter manipulation

**Suture ring on hub** convenient for securing the sheath in multi-stage procedures

**Unique proprietary polymer construction** provides a smooth sheath and dilator for an easier insertion

## FEATURES & BENEFITS



**Dual tapered design** limits trauma to the surrounding tissue.



**Optional Radiopaque band** provides clear positioning under fluoroscopy.



**Double ended Guidewire** provides added flexibility in complex procedures.

## ACCESS & SIZES

Available in **4** **5** **6** **7** **8** **9**

See page 23 for the full ordering guide.



Femoral

# ANGIOGATE® RADIAL INTRODUCER SHEATH KIT

## Supporting Radial Access

Developed to cope with the challenges of radial access, AngioGate Radial features a specially formulated siliconised finish to provide a smooth insertion. The precision made dilator and sheath introducer feature an excellent transition and variable stage dilator taper which can ease insertion and reduce trauma to surrounding tissue.

Available as a complete Kit with Guidewire and Introducer Needle for convenience of use.

**Unique proprietary polymer construction** provides a smooth sheath and dilator for an easier insertion

**Optional Radiopaque band** provides clear positioning under fluoroscopy

**Siliconised finish** to support a smooth insertion

**Suture ring on hub** convenient for securing the sheath in multi-stage procedures

**Colour coded hub** for easy identification of correct sizing

**Audible click of the "push-in, flex-out" connection** supports simple assembly and separation

## FEATURES & BENEFITS



**Intricately positioned valve** offers reliable haemostasis whilst supporting catheter manipulation.



**Dual tapered design:** precision made dilator and sheath introducer provides a smooth transition between components - limits trauma to the surrounding tissue.



**0.018" Guidewire** has a seamless transition from mandrel to coil minimises drag and provides a smooth passage for the dilator.

## ACCESS & SIZES

Available in **5** **6** **7**

See page 24 for the full ordering guide.



Transradial

# ANGIOGATE® HYDROPHILIC RADIAL INTRODUCER SHEATH

## Going One Step Further

AngioGate Hydrophilic Radial Sheath is optimised for Radial Access. The specially tapered transition combined with the lubricious hydrophilic finish makes it the sheath of choice for Radial access.

The precision made dilator and sheath introducer feature an excellent transition and variable stage dilator taper which can ease insertion and reduce trauma to surrounding tissue. The optional hydrophilic coating can support your Radial Access requirements with ease and reliability.

Available as a complete Kit with Guidewire and Introducer Needle for convenience of use.

**Audible click of the “push-in, flex-out” connection** supports simple assembly and separation

**Intricately positioned valve** offers reliable haemostasis whilst supporting catheter manipulation

**Suture ring on hub** convenient for securing the sheath in multi-stage procedures

**Optional Radiopaque band** provides clear positioning under fluoroscopy

**Colour coded hub** for easy identification of correct sizing

**Sharp 21G needle** features optimised bevel geometry which provides accurate and reliable access

**Unique proprietary polymer construction** provides a smooth sheath and dilator for an easier insertion

## FEATURES & BENEFITS



**Dual tapered design** limits trauma to the surrounding tissue.

**Tapered tip** supports atraumatic insertion.



**Hydrophilic coating** provides a lubricious environment to support a smooth insertion, minimise vessel trauma and increase patient comfort.



**Precision made nitinol core with platinum tip** provides a balance between flexibility, visibility and support.

## ACCESS & SIZES

Available in **5** **6** **7**

See page 24 for the full ordering guide.



Transradial

# ANGIOGATE® PAEDIATRIC INTRODUCER SHEATH

## Smaller Patients, Smaller Vessels

Developed with Paediatric Consultants Internationally, the AngioGate Paediatric Sheath combines the trusted and reliable features of the AngioGate range in a smaller configuration. Providing you with increased choice for your procedure and optimizing sheath size to the patient.

**“Kimal introducer sets designed for paediatric use will fulfil our needs, to improve the treatment of our patients.”**

Mario Carminati, MD.  
Istituto Policlinico San Donato, Milan, Italy

**Audible click of the “push-in, flex-out” connection** supports simple assembly and separation

**Intricately positioned valve** offers reliable haemostasis whilst supporting catheter manipulation

**Unique construction** provides a smooth sheath and dilator for an easier insertion

**Suture ring on hub** convenient for securing the sheath in multi-stage procedures

**Precision made nitinol core with platinum tip** provides a balance between flexibility, visibility and support

**0.018” Guidewire** has a seamless transition from mandrel to coil minimises drag and provides a smooth passage for the dilator

## FEATURES & BENEFITS



**Choice of needle** 21G needle available in 2, 4, 7cm with optimised bevel geometry to support accurate and reliable access.



**Tapered tip** supports Atraumatic insertion.



**Optional Radiopaque band** provides clear positioning under fluoroscopy.

## ACCESS & SIZES

Available in **3** **4** **5** **6** **7**

See page 25 for the full ordering guide.



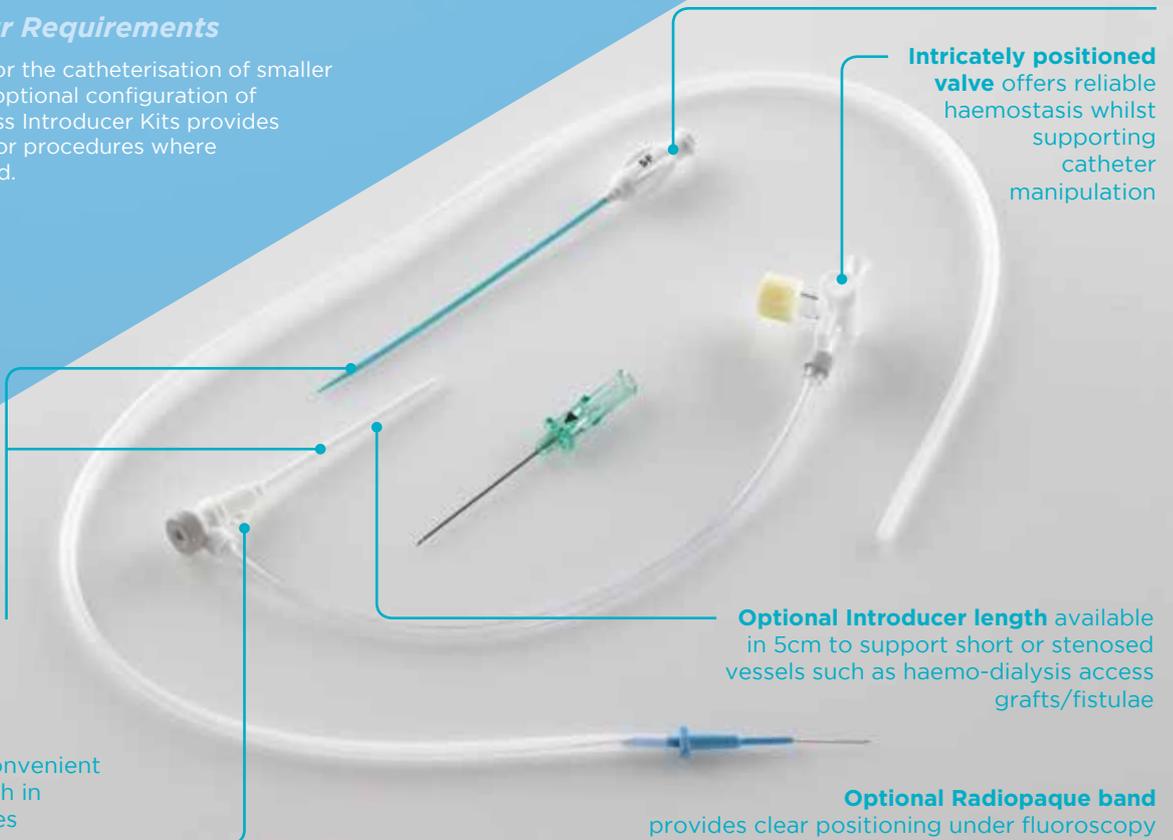
Femoral

# ANGIOGATE® MICRO ACCESS INTRODUCER KITS

**Audible click of the “push-in, flex-out” connection** supports simple assembly and separation

## Optimised to your Requirements

Specifically designed for the catheterisation of smaller or trickier vessels, the optional configuration of AngioGate Micro Access Introducer Kits provides choice and versatility for procedures where micro access is required.



**Intricately positioned valve** offers reliable haemostasis whilst supporting catheter manipulation

**Unique construction** provides a smooth sheath and dilator for an easier insertion

**Suture ring on hub** convenient for securing the sheath in multi-stage procedures

**Optional Introducer length** available in 5cm to support short or stenosed vessels such as haemo-dialysis access grafts/fistulae

**Optional Radiopaque band** provides clear positioning under fluoroscopy

## FEATURES & BENEFITS



**Choice of needle** 21G needle available in 2, 4, 7cm with optimised bevel geometry to support accurate and reliable access.



**Dual tapered design** limits trauma to the surrounding tissue.

**Tapered tip** supports atraumatic insertion.



**0.018” stainless steel mandrel wire** compliments the small gauge needle and supports small/complex vessel puncture.

## ACCESS & SIZES

Available in **4** **6**

See page 26 for the full ordering guide.



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# ANGIOGATE® MICROINTRODUCERS

## Developed for Performance

AngioGate MicroIntroducers combine quality with design to produce a smooth transition with reinforced assembly to maximise access into more difficult vessels.

**Proprietary polymer construction** supports an easier insertion

**Square hub and bevel direction indicator** for ease of manipulation and positioning

**21G needle** with optional echogenic coating for ultrasound visualisation

## FEATURES & BENEFITS



**Precision made dilator and sheath** with transition points, limits trauma to surrounding tissue.

**Seamless transition** minimises drag.



**Optional stiffened dilator** supports penetration into fibrosed or dense tissues.



**0.018" spring coil tip guidewires** provide excellent visibility, flexibility and kink resistance for a smooth insertion.

## ACCESS & SIZES

Available in **4** **5**

See page 25 for the full ordering guide.



Transradial

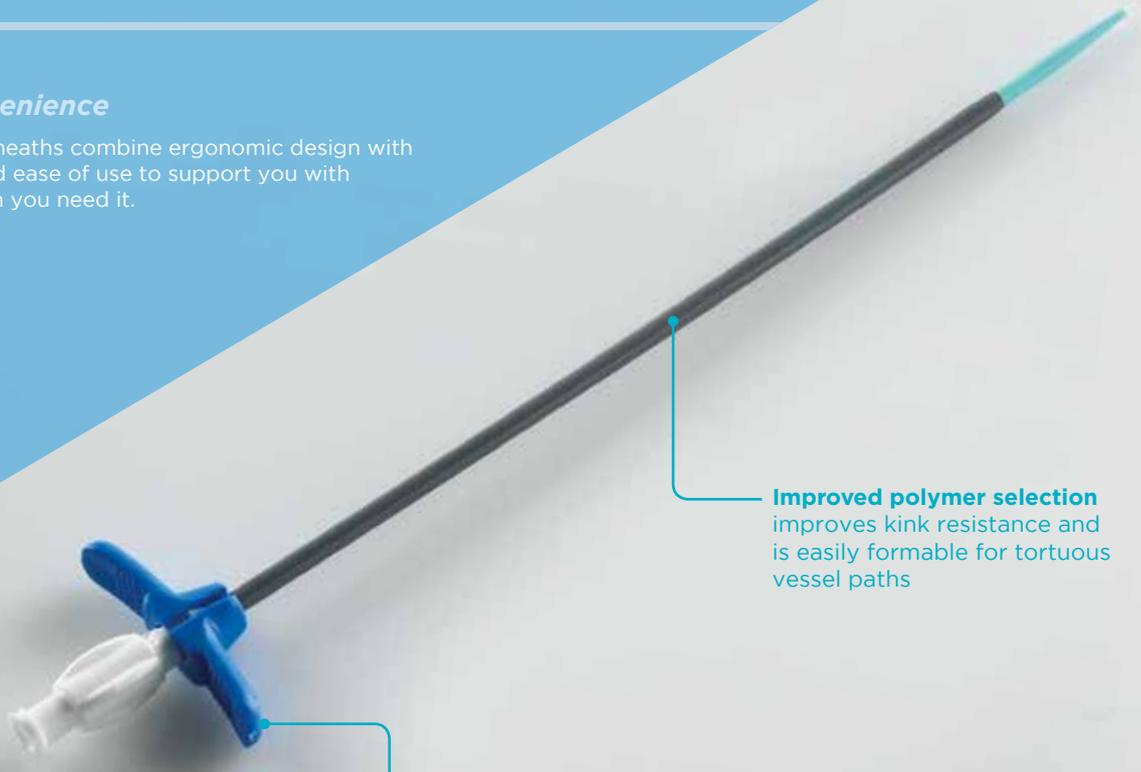


Femoral

# ANGIOGATE® PEELAWAY SHEATH INTRODUCERS

## Quality and Convenience

AngioGate peelaway sheaths combine ergonomic design with a smooth transition and ease of use to support you with successful access when you need it.



**Improved polymer selection** improves kink resistance and is easily formable for tortuous vessel paths

**Unique and ergonomic wing design** for a more consistent and clean split

**Enhanced range of sizes** to support catheter interaction

## FEATURES & BENEFITS



**Choice:** available as a 2 Kit or single unit.



**Short and smooth transition of dilator** designed to minimise vessel trauma in tortuous vessels.



**Enhanced locking system** for improved stability during insertion.

## ACCESS & SIZES

Available in **5** **6** **7** **8** **9** **10** **10.5** **11** **12.5** **13** **15** **16**

See page 27 for the full ordering guide.



Transradial

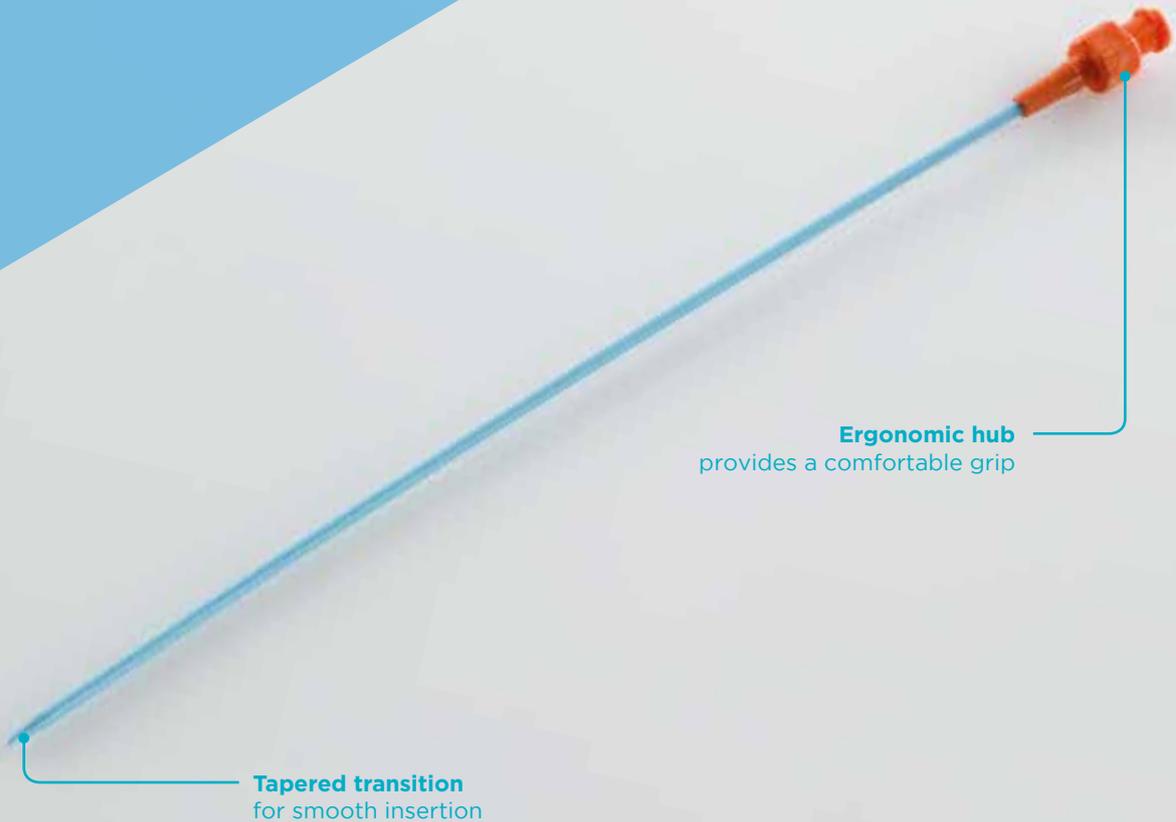


Femoral

# ANGIOGATE® VESSEL DILATOR

## Convenient Access

AngioGate vessel dilators provide a convenient solution to support you with pre-dilating the access site if required.



**Ergonomic hub**  
provides a comfortable grip

**Tapered transition**  
for smooth insertion

Available in a range of French sizes

## ACCESS & SIZES

Available in **4** **5** **6** **7** **8** **9** **10** **11** **12** **14**

See page 27 for the full ordering guide.

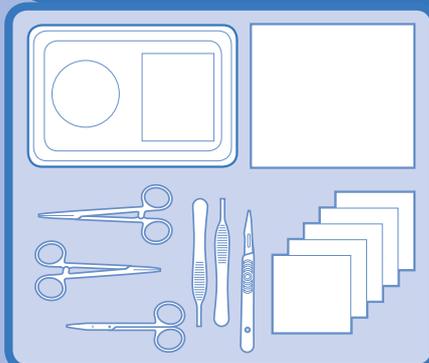


Transradial



Femoral

# PROCEDURE PACKS



**For full procedural solutions, the Kimal Procedure Pack can compliment your AngioGate® Introducer Sheath. Supporting you in your procedure from initial setup until completion.**

Kimal offer an extensive selection of products to support Cardiology and Radiology procedures, manufactured to the highest standard and customised to your requirements.

Kimal specialise in creating bespoke procedure pack solutions and our team of dedicated clinical specialists and customer focussed sales teams will work with your department to deliver a solution tailored to your individual needs.

The components and packs listed represent universal options. Please contact Kimal to discuss your exact requirements.

**For further information on our range of speciality products and customisation please speak to your local Kimal representative.**

# CARDIOLOGY ANGIOGRAPHY PROCEDURE PACKS (K211/4001/10)



## QTY CONTENTS

- 1 Namic® 2 port manifold
- 2 Gallipot 120ml
- 1 Guidewire bowl
- 4 Syringe, PE 10ml L/S
- 1 Syringe, PE 5ml L/L
- 1 Label set
- 1 Needle 18G x 7cm (70mm) introducer needle
- 1 Needle 21G x 3.8cm hypo green
- 1 Needle 23G x 3cm hypo blue

## QTY CONTENTS

- 1 Scalpel no.11
- 2 Sponge stick medium 15cm
- 1 Swab gauze 10 x 10cm, 12ply 10 pack
- 1 Medium fluoro cover
- 1 Sharps needle containment device
- 1 Angio drape, 2 fenestrations, 3ply laminate, no windows, 300cm
- 1 Equipment cover, PE, 100 x 100cm
- 1 Bowl 250ml
- 1 Sponge bowl 500ml

# RADIOLOGY MULTI PURPOSE PROCEDURE PACKS (K209/4001/10)



## QTY CONTENTS

1	Syringe 5ml, L/S
1	Syringe 10ml, L/S
1	Needle 21G x 3.8cm, hypo green
1	Needle 23G x 3cm, hypo blue
1	Swab NW 10 x 10cm 4ply 10 pack
1	Sponge stick medium 15cm
1	Scalpel no.11
1	Gallipot 120ml
1	Tray half shallow 24.5 x 3.5cm
1	Absorbent dressing, 9 x 10cm
1	Fenestrated drape, 2ply laminate with adhesive

# PREMIER RADIOLOGY PROCEDURE PACKS (K209/4002)



## QTY CONTENTS

1	Tray blue 42 x 30 x 6
1	Drape general utility, 75 x 75cm 2ply laminate
1	Needle 21G x 3.8cm hypo green
1	Needle 23G x 3cm hypo blue
1	Needle drawing up
1	Syringe 10ml, L/S
2	Syringe 20ml, L/S
1	Forceps artery mosquito straight
1	Scissors sharp/blunt 13cm
1	Scalpel no.11
1	Needle safety device
1	Cover, fluoro, large, green
1	Syringe 10ml, L/L
2	Sponge stick medium 15cm
1	Bag waste yellow, 35.5 x 60cm
1	Cover trolley 140 x 140cm
1	Syringe 5ml L/L
1	Swab gauze 10 x 10cm 12ply 10 pack
2	Absorbent dressings, 6 x 7cm
1	Gallipot 120ml
1	Fenestrated drape, 2ply laminate, adhesive
2	Bowl denture cup 250ml
1	Bowl kidney emesis 700ml

## PERMANENT PACING PROCEDURE PACKS (K212/4001/10)



QTY	CONTENTS	QTY	CONTENTS
1	Trolley cover 140 x 140cm	1	Scissors sharp/blunt 13cm
1	Guidewire bowl	1	Fluoro cover medium
1	Deep tray	2	Sponge stick 20cm yellow
1	Pacing drape set, single fenestration 12 x 20cm, SMS	1	Label set
4	Swab gauze 10 x 10cm XR 12ply 10 pack	1	Kimal® sharps needle containment device
1	Needle 21G x 3.8cm hypo green	1	Aneurysm needle
1	Needle 23G x 3cm hypo blue	1	Dissecting forceps toothed 14cm
1	Syringe, PE, 5ml, L/S	1	Dissecting forceps plain 14cm
3	Syringe, PE, 10ml, L/S	1	Needle holder 12.5cm
1	Syringe 20ml L/S	2	Langenbeck retractor
1	Scalpel no.10	1	Metzenbaum scissors 13.5cm
2	Mosquito artery forceps straight	1	Iris delicate scissors 11cm
3	Mosquito artery forceps curved	4	Towel clamps
		2	Bowl 250ml
		1	Kidney bowl 700ml
		1	Yellow waste bag

## TEMPORARY PACING PROCEDURE PACKS (K212/4002)



QTY	CONTENTS
1	Scalpel no.11
2	Syringe P.E 10ml L/S
1	Needle 25G x 5/8" hypo orange
1	Needle 21G x 3.8cm hypo green
2	Sponge stick medium 15cm
1	Gallipot 120ml
1	Opsite dressing 10 x 14cm
1	Swab gauze 10 x 10cm 12ply 10 pack
1	Mersilk® suture 2/0 W791
1	Gown SMS large
2	Hand towels
1	Fenestrated drape, 2ply laminate, 110cm x 110cm PE clear panel
1	Deep tray 28 x 25cm
1	Trolley cover 140 x 140cm
4	Foam cubes
1	Bi-polar pacing catheter 5Fr or bi-polar pacing catheter 6Fr
1	Needle 5Fr x 6.35cm peelaway or needle 6Fr x 6.35cm peelaway

# INTRODUCER NEEDLES

PRODUCT	PRODUCT CODE	NON STERILE CODE	DESCRIPTION	BOX QTY
	K6/1	6180	18G	100
	K6/56	8656	18G x 7cm RW/B	50
	K6/1/19	6185	19G x 7cm S/W	50
	K6/1/12	8650	18G x 12cm S/W	50
 	K6/SW187/A4	6280 + 6283	18G x 7cm S/W CS	50
	K6/50	6186	18G x 7cm W/B	50
	K6/54	6190	19G x 7cm W/B	50
	K6/51	6183	18G x 7cm W/B S/B	50
 	K6/SW197/A4	6281 + 6283	19G x 7cm S/W CS	50
	K6/SW213R	8684	Single Wall 21G x 3.8cm	100
	K6/1/SB	6182	18G x 7cm S/B	50
	K6/23	6178	Seldinger 18G x 7.3cm	50
	K6/55	8652	20G x 7cm W/B	50
	K6/53	6296	20G x 5cm W/B S/B	50
	K6/57	8658	19G x 7cm RW/B	50
	K6/18	6176	Mod Potts Needle 18G x 5.75cm	50
	K6/26	6298/A	Seldinger 18G x 70mm	25
	K6/25	6189	Seldinger 19G x 7.3cm	50
 	K6/SW205/A4	6282 + 6283	20G x 5cm	200

**For single use only.  
Please speak to your local Kimal Representative about your specific requirements.**

# HAEMOSTATIC VALVE INTRODUCER SHEATHS

## HV INTRODUCER KIT

PRODUCT CODE	NEEDLE TYPE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	TIP TYPE	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY
K63/0412W	No Needle	4	12	0.035	Stainless Steel	J/Stainless Steel	50	0.035	10
K63/0512W		5	12	0.038			50	0.038	10
K63/0524W		5	24	0.038			80	0.038	5
K63/0612W		6	12	0.038			50	0.038	10
K63/0624W		6	24	0.038			80	0.038	5
K63/0712W		7	12	0.038			50	0.038	10
K63/0724W		7	24	0.038			80	0.038	5
K63/0812W		8	12	0.038			50	0.038	10
K63/0824W		8	24	0.038			80	0.038	5
K63/0912W		9	12	0.038			50	0.038	10
K63/0424W		4	24	0.036			80	0.035	5

## HV INTRODUCER KIT WITH RO BAND

PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	TIP TYPE	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY
K63/055MAB	Std-Non-Echo	7	21 ga	5	5.5	0.019	Stainless Steel	S/Stainless Steel	40	0.018	10
K63/065MAB	Smooth	4		6		0.018	Platinum	S/Nitinol		0.018	

## HV INTRODUCER SHEATH - NO GUIDEWIRE

PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	WIRE TYPE	BOX QTY
K63/0412	No Needle			4	12	0.038	No Wire	10
K63/0512	No Needle			5	12	0.038		10
K63/0612	No Needle			6	12	0.038		10
K63/0424	No Needle			4	24	0.036		5
K63/0524	No Needle			5	24	0.038		5
K63/0712	Smooth	4	21 ga	7	12	0.038		10

## HV INTRODUCER SHEATH WITH RO BAND - NO GUIDEWIRE

PRODUCT CODE	NEEDLE TYPE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	WIRE TYPE	BOX QTY
K63/0512B	No Needle	5	12	0.038	No Wire	10
K63/0612B		6		0.038		
K63/0712B		7		0.038		

**For single use only.**  
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**S = Straight tip**

# TRANSRADIAL INTRODUCER SHEATHS

## TRANSRADIAL INTRODUCER KIT

PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	TIP TYPE	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY
K63/0719TR	Std-Non-Echo	4	21 ga	7	19	0.018	Gold	S/ Nitinol	80	0.018	5
K63/0612TR				6	12	0.018	Gold	S/ Nitinol	50		
K63/0712TR				7	12	0.018	Gold	S/ Nitinol	50		
K63/0619TR				6	19	0.018	Gold	S/ Nitinol	80		
K63/0724TR				7	24	0.018	Gold	S/ Nitinol	80		
K63/0519TR				5	19	0.019	Gold	S/ Nitinol	80		
K63/0524TR				5	24	0.018	Platinum	S/Nitinol	80		
K63/0512TR				5	12	0.018	Platinum	S/Nitinol	50		
K63/0624TR				6	24	0.018	Platinum	S/Nitinol	80		
K63/0512TRS				5	12	0.018	Stainless Steel	S/ Stainless Steel	50		
K63/0612TRS				6	12	0.018	Stainless Steel	S/Nitinol	50		

## HYDROPHILIC TRANSRADIAL INTRODUCER KIT

PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	TIP TYPE	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY
K63/0724TRH	Std-Non-Echo	4	21 ga	7	24	0.018	Gold	S/Nitinol	80	0.018	5
K63/0512TRH				5	12		Gold	S/ Nitinol	50		
K63/0612TRH				6	12		Gold	S/ Nitinol	50		
K63/0712TRH				7	12		Gold	S/ Nitinol	50		
K63/0519TRH				5	19		Gold	S/ Nitinol	80		
K63/0619TRH				6	19		Gold	S/ Nitinol	80		
K63/0719TRH				7	19		Gold	S/ Nitinol	80		
K63/0524TRH				5	24		Gold	S/ Nitinol	80		
K63/0624TRH				6	24		Gold	S/ Nitinol	80		
K63/0512TRHS				5	12		Stainless Steel	S/ Stainless Steel	50		
K63/0612TRHS				6	12		Stainless Steel	S/ Stainless Steel	50		

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## PAEDIATRIC INTRODUCER SHEATH

PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	TIP TYPE	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY
K63/034MAP	Std-Non-Echo	2	21 ga	3	4	0.018	Platinum	S/ Nitinol	40	0.018	10
K63/044MAP		2		4	4						
K63/055MABPN		4		5	5.5						
K63/074MAP		4		7	4						
K63/054MAP		4		5	4						
K63/056MAP		4		6	5.5						
K63/045MAPNP		4		4	5.5						
K63/055MAPNP		4		5	5.5						
K63/064MAP		4		6	4						
K63/057MAP		7		5	7						
K63/067MAP		7		5	7						

## PAEDIATRIC INTRODUCER SHEATH WITH RO BAND

PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	TIP TYPE	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY
K63/055MABNP	Std-Non-Echo	4	21 ga	5	5.5	0.018	Platinum	S/ Nitinol	40	0.018	10
K63/056MAB		4	21 ga	6	5.5	0.018					

# MICRO ACCESS SHEATHS

## STRAIGHT MICRO ACCESS SHEATH - STAINLESS STEEL TIP

PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY
K63/045MAP	Std-Non-Echo	4	21 ga	4	5.5	0.018	S/ Stainless Steel	40	0.018	10
K63/055MAP				5						
K63/065MAP				6						

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PRODUCT CODE	NEEDLE TYPE	NEEDLE LENGTH (CM)	NEEDLE GAUGE	FR SIZE	INTRODUCER LENGTH (CM)	INTRODUCER TOP DIAMETER (MM)	MICRO INTRO STIFFNESS	TIP TYPE	WIRE TYPE	WIRE LENGTH (CM)	WIRE DIAMETER (MM)	BOX QTY	
K63/41060NP7E	Std-Echo	7	21 ga	4	10	0.018	Regular	Gold	S/ Nitinol	60	0.018	10	
K63/41040NP7E	Echo	7		4	10		Regular			40			
K63/51060NP7E	Echo	7		5	10		Regular			60			
K63/51040NP7E	Echo	7		5	10		Regular			40			
K63/41040NP7E/ SD	Echo	7		4	10		Stiffen			40			
K63/51040NP7E/ SD	Echo	7		5	10		Stiffen			40			
K63/41040NP4E	Echo	4		4	10		Regular	40	Stainless Steel	S/ Nitinol			40
K63/41040NS7E	Echo	7		4	10		Regular	40					
K63/41040SS7E	Echo	7		4	10		Regular	40					
K63/41060NS7E	Echo	7		4	10		Regular	60					
K63/51040NS7E	Echo	7		5	10		Regular	40					
K63/51060NS7E	Echo	7		5	0		Regular	60					
K63/41040SS7S	Std-Non-Echo	7		4	10		Regular	40					

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## PEELAWAY SHEATHS

## VESSEL DILATORS

PRODUCT CODE	FR SIZE	DESCRIPTION	BOX QTY
K57/1020K	10	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/10520K	10.5	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/1120K	11	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/1320K	13	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/1520K	15	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/1620K	16	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/0520K	5	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/0620K	6	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/0720K	7	18G Needle with 45cm Double Ended 0.038" Steel Wire	10
K57/0820K	8	18G Needle with 45cm Double Ended 0.038" Steel Wire	5
K57/0920K	9	18G Needle with 45cm Double Ended 0.038" Steel Wire	10
K57/3/RSA	7	7FR Peelaway with no guidewire	50
K57/0720	7	7FR Peelaway with no guidewire x 20cm	10
K57/0920	9	9FR Peelaway with no guidewire	10
K57/12520K	12.5	12.5FR Peelaway with no guidewire x 20cm	5

PRODUCT CODE	SIZE	DESCRIPTION	BOX QTY
K15/042025	4FR x 20cm	Accepts 025" wire	10
K15/042035	4FR x 20cm	Accepts 035" wire	
K15/052035	5FR x 20cm	Accepts 035" wire	
K15/062035	6FR x 20cm	Accepts 035" wire	
K15/062038	6FR x 20cm	Accepts 038" wire	
K15/072038	7FR x 20cm	Accepts 038" wire	
K15/082038	8FR x 20cm	Accepts 038" wire	
K15/092038	9FR x 20cm	Accepts 038" wire	
K15/102038	10FR x 20cm	Accepts 038" wire	
K15/112038	11FR x 20cm	Accepts 038" wire	
K15/122038	12FR x 20cm	Accepts 038" wire	
K15/142038	14FR x 20cm	Accepts 038" wire	

## PROCEDURE PACKS

PRODUCT CODE	DESCRIPTION
K211/4001/10	Cardiology Angiography
K209/4001/10	Radiology Multi Purpose
K209/4002	Premier Radiology
K212/4001/10	Permanent Pacing
K212/4002	Temporary Pacing

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# ABOUT KIMAL

**Formed by George and Diana Press in 1964 Kimal® are an innovative and trusted developer, manufacturer and supplier of customised procedure packs and vascular access devices for use across a range of clinical departments.**

As a proudly independent company, our responsiveness and agility, combined with strong partnership and collaboration ethos, make us a supplier of choice to health organisations the world over.

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