



Impress™ Angiographic Catheters

INSTRUCTIONS FOR USE

DESCRIPTION:

Angiographic catheters are single-use, sterile, non-pyrogenic, disposable intravascular catheters.

INDICATIONS:

Angiographic catheters are designed to be used for delivering radiopaque media to selected sites in the vascular system in conjunction with routine diagnostic procedures.

CONTRAINDICATIONS:

None known.

WARNING:

- The Impress™ angiographic catheter with hydrophilic coating should not be used in the coronary arteries.
- Angiographic catheters are single use.
- Recommended guide wire size: See the individual catheter label.
- Guide wire use has been associated with greater incidence of thrombus formation.

PRECAUTIONS:

- Do not use if package is opened or damaged.
- Do not use after expiration date.
- Do not autoclave.
- Carefully remove the catheters from the package by grasping the hub and slowly withdrawing it from the package.
- If resistance is felt when removing the guidewire from the catheter, remove the guide wire and catheter as a unit to prevent potential damage to the vessel wall.
- Flush all devices entering a blood vessel with sterile heparinized saline or similar isotonic solution before use.
- For catheters containing hydrophilic polymer coating on the distal surface of the catheter, the surface of the distal portion of the catheter must be completely wet to remain lubricated. Proper caution must be taken to wet the catheter prior to and during use.

ADVERSE EVENTS:

Merit Medical angiographic catheters should be used by physicians familiar with percutaneous catheter introduction. Complications which may be associated with the use of angiographic catheters include, but are not limited to, the following.

- Thrombus formation/emboli
- Hematoma at puncture site
- Plaque dislodgement
- Cardiac arrhythmias
- Perforation of the vessel wall
- Vascular occlusion
- Stroke and death
- Air emboli
- Arterial wall damage
- Myocardial infarction
- Infection
- Allergic reaction to contrast media
- Vascular spasm

REUSE PRECAUTION STATEMENT

For single patient use only. Do not reuse, reprocess or resterilize. Reuse, reprocessing or resterilization may compromise the structural integrity of the device and/or lead to device failure which, in turn, may result in patient injury, illness, or death. Reuse, reprocessing or resterilization may also create a risk of contamination of the device and/or cause patient infection or cross-infection, including, but not limited to, transmission of infectious disease(s) from one patient to another. Contamination of the device may lead to injury, illness or death of the patient.

DIRECTIONS FOR USE:

1. A coated guide wire is recommended for use with Merit angiographic catheters.
2. Introduce the catheter into the blood vessel using vascular entry technique of choice.
3. PIGTAIL catheters. Pigtail catheters are fitted with a straightener. It is split for easy removal after the catheter tip is on the guide wire.
- Slide straightener forward until pigtail is straight.
- Place catheter tip on guide wire and remove straightener by pulling on the straightener tab.
4. Marker Band: Anatomical measurement accuracy is $\pm 4\%$.

Storage: Sterile and non-pyrogenic in unopened and undamaged inner package.
Store in a cool dry place.

Shelf Life: The shelf life is established at 3 years from date of sterilization.

Transportation: Do not expose to high temperature or humidity.



Manufacturer: Merit Medical Systems, Inc.
1600 West Merit Parkway, South Jordan, Utah 84095 U.S.A.

Authorized Representative:
Merit Medical Ireland Ltd, Parkmore Business Park West, Galway, Ireland

血管内造影导管

使用说明

产品描述:

血管内造影导管为一次性使用,灭菌,无热原的血管内导管。

结构及组成:

该产品由导管尖端 (PEBAX, 碳化钨)、导管座 (聚碳酸酯/PET)、导管轴 (尼龙11, 硫酸钡) 和压力释放装置 (聚氨酯) 组成。一次性使用, 环氧乙烷灭菌, 货架有效期3年。

适用范围:

该产品用于将造影介质送至血管系统中指定位置。

禁忌症:

未知

警告:

- Impress™ 含亲水层血管造影导管不得用于冠状动脉内。
- 血管内造影导管为一次性使用产品。
- 推荐导引导丝大小: 参见导管标签。
- 导引导丝的使用往往伴随着高发生率的血栓形成。

注意事项:

- 包装打开或损坏的情况下,不得使用本品。
- 不得使用过期产品。
- 不要进行高压灭菌。
- 轻轻握住导管头,慢慢将导管从包装中抽出。
- 从导管抽出导引导丝时如遇到阻力,需将导引导丝和导管一同拔出,以防止破坏血管壁。
- 使用导管前,需用消毒肝素盐水或者类似等渗溶液冲洗所有进入血管内的器械。
- 对于远端表面上含亲水聚合物涂层的导管而言, 导管远端部分的表面必须完全湿润, 以维持润滑。使用前和使用时, 必须小心谨慎地将导管弄湿。

副作用:

Merit Medical 血管内造影导管只能由熟悉经皮穿刺导管介入技术的医生使用。与血管造影导管相关的并发症包括但不限于以下:

- 血栓形成/栓子
- 穿刺部位血肿
- 斑块脱落
- 心律失常
- 血管壁穿孔
- 空气栓塞
- 动脉壁损坏
- 心肌梗死
- 感染
- 血管闭塞
- 中风甚至死亡
- 造影剂过敏反应
- 血管痉挛

重复使用注意事项声明

仅可用于一名患者。请勿重复使用、重新处理或再次灭菌。重复使用、重新处理或再次灭菌可能会损坏装置的结构完整性和/或导致装置失效, 而这有可能因此造成患者损伤、生病或死亡。重复使用、重新处理或再次灭菌也可能构成装置污染风险, 和/或导致患者感染或交叉感染, 包括但不限于在患者间传播传染病。装置污染可能导致患者受伤、患病或死亡。

使用指南:

1. 建议带涂层的导引导丝与Merit血管内造影导管一起使用。
2. 采用血管介入技术, 将导管引入血管内。
3. 猪尾式导管。猪尾式导管配有拉直器。导管尖装入导引导丝后, 采取分离的方式可轻易取出。
 - 向前滑动拉直器, 拉直猪尾式尾端。
 - 将导管尖装入导丝: 拉动拉直器环, 取出拉直器。
4. 标记带: 解剖学测量的精度: $\pm 4\%$

储存条件: 本品内包装为未打开, 无损坏的无菌无热原包装。存储于阴凉干燥处。

有效期: 本品从灭菌之日起有效期为3年。

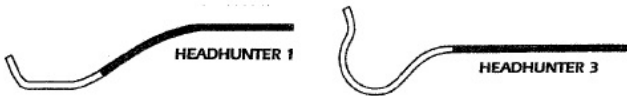
运输条件: 运输过程中不应暴露于高温或高湿下。

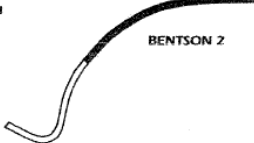
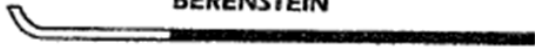
产品名称：血管内造影导管	512538BER	10
产品在动力粘度值为10.4cp条件下的流量规格型号：详见附录A	规格型号	流量（mL/S）
生产日期和失效日期：见产品标签	44038MW2	15
型号、规格：请见附录B	56538MW2	15
注册人及生产企业名称：美国麦瑞通医疗设备有限公司	46535SIM1	10
Merit Medical Systems, Inc.	46538SIM1	10
注册人及生产企业住所：1600 West Merit Parkway, South Jordan, Utah 84095	410035SIM1	7
	410038SIM1	5
生产地址：14646 Kirby Drive Houston, TX 77047；Avenida Sor Juana Inés de la Cruz 19970 interior B, Edificio 2 Parque Industrial Frontera Tijuana, Baja California C.P. 22630 Mexico	56535SIM1	15
注册人及生产企业联系方式：1-801-253-1600	56538SIM1	15
中国境内代理人及售后服务单位名称：麦瑞通医疗器械（北京）有限公司	510035SIM1	20
中国境内代理人及售后服务单位住所：北京市朝阳区东大桥路9号楼2单元801室内B01、B02及B03单元	510038SIM1	10
中国境内代理人及售后服务单位传真：010-85616981	46538SIM2	10
中国境内代理人及售后服务单位电话：010-85610788	410035SIM2	7
注册证编号：国械注进20153032568	410038SIM2	5
产品技术要求编号：国械注进20153032568	56538SIM2	15
说明书编制或修订日期：2023年2月	510035SIM2	20
	510038SIM2	10
附录A 产品在动力粘度值为10.4cp条件下的流量	48035MODS	5
规格型号	48038MODS	5
410035HH1	465352CB1	10
410038HH1	465382CB1	10
412535HH1	565352CB1	15
510035HH1	565382CB1	15
510038HH1	46538CB1	10
512535HH1	410038CB1	5
410035HH3	56538CB1	15
410038HH3	510038CB1	10
510035HH3	465352CB2	10
510038HH3	465382CB2	10
410038N1	565352CB2	15
510038N1	46538CB2	10
410038N2	410038CB2	5
510038N2	56538CB2	15
410038N3	510038CB2	10
510038N3	43035MODCB1	15
410038N4	53035MODCB1	20
510038N4	465352HK0-8	10
46535B1	565352HK0-8	15
410035B1	465352HK1-0	10
410038B1	565352HK1-0	15
56535B1	465352SH0-8	10
510035B1	565352SH0-8	15
510038B1	465352SH1-0	10
410035B2	565352SH1-0	15
510035B2	46535RC	10
410035MANI	565352RC	15
410038MANI	46535MOT	10
510035MANI	410035MOT	7
510038MANI	56535MOT	15
46538VER	510035MOT	20
410035VER	46535MOTC	10
410038VER	410035MOTC	7
412535VER	48038RE	5
56538VER	58035RE	10
510035VER	58038RE	15
510038VER	48038MIK	5
512535VER	58038MIK	15
410035MC	43035KA2	15
410038MC	53035KA2	20
510035MC	44038KA2	15
510038MC	46538KA2	10
46535BER	54038KA2	15
46538BER	56538KA2	15
410035BER	410038HS	5
410038BER	510038HS	10
412538BER	48035MHK1	5
43035BER	58035MHK1	10
56535BER	48035MHK2	5
56538BER	58035MHK2	10
510035BER	48035MHK3	5
510038BER	58035MHK3	10

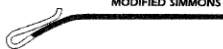
46538STS	10
规格型号	流量 (mL/S)
411035STS	5
411038STS	5
56538STS	15
511035STS	10
511038STS	10
465354RBI	10
565354RBI	15
56535RBI	15
510035RBI	20
46535RIM	10
56535RIM	15
43035RIM	15
53035RIM	20
53035BER	20
465356SHP-NB	18
490356SHP-NB	15
565356SHP-NB	35
4653510UBF-NB	18
4903510UBF-NB	15
5653510UBF-NB	35
5903510UBF-NB	30
4653810MUBF-NB	18
5653810MUBF-NB	35
4303510PIG-NB	20
4653510PIG-NB	18
4903510PIG-NB	15
41103510PIG-NB	15
5303510PIG-NB	20
5653510PIG-NB	35
5903510PIG-NB	30
51103510PIG-NB	28
5653810PIG-NB	35
5903810PIG-NB	30
51103810PIG-NB	28
4653510STF-NB	10
4903510STF-NB	8
5653510STF-NB	15
5903510STF-NB	15
465356MHK-NB	18
490356MHK-NB	15
565356MHK-NB	35
565386MHK-NB	35
590386MHK-NB	30
410035OSB1	7
510035OSB1	20
410038MPA1	5
412538MPA1	6
510038MPA1	10
512538MPA1	10

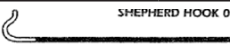
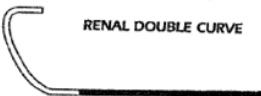
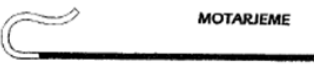
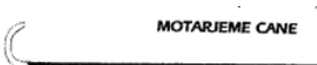
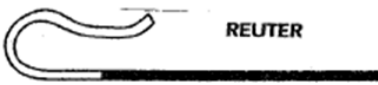
注：无侧孔和侧孔仅在头端的型号，标签上的压力值为头端夹闭情况下测试值。

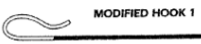
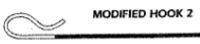
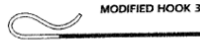
附录B:

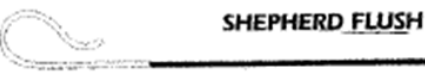
型号	外径 (F)	内管直径	有效长度	建议使用的导丝规格	侧孔
IMPRESS™ 猎人头造影管					
猎人头 1					
410035HH1	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038HH1	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
412535HH1	4	.040"/1.02mm	125cm	.035"(0.89mm)	-
510035HH1	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038HH1	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
512535HH1	5	.046"/1.17mm	125cm	.035"(0.89mm)	-
猎人头 3					
410035HH3	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038HH3	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
510035HH3	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038HH3	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
					
IMPRESS™ 牛顿造影管					
牛顿 1					
410038N1	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
510038N1	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
牛顿 2					
410038N2	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
510038N2	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
牛顿 3					
410038N3	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
510038N3	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
牛顿 4					
410038N4	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
510038N4	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
					
IMPRESS™ 本森造影管					
本森 1					
46535B1	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
410035B1	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038B1	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
56535B1	5	.046"/1.17mm	65cm	.035"(0.89mm)	-
510035B1	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038B1	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
本森 2					
410035B2	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
510035B2	5	.046"/1.17mm	100cm	.035"(0.89mm)	-

型号	外径 (F)	内管直径	有效长度	建议使用的导丝规格	侧孔
BENTSON 1 BENTSON 2					
IMPRESS™ 曼尼造影管					
410035MANI	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038MANI	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
510035MANI	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038MANI	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
MANI					
IMPRESS™ 椎动脉造影管					
46538VER	4	.040"/1.02mm	65cm	.038"(0.97mm)	-
410035VER	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038VER	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
412535VER	4	.040"/1.02mm	125cm	.035"(0.89mm)	-
56538VER	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
510035VER	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038VER	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
512535VER	5	.046"/1.17mm	125cm	.035"(0.89mm)	-
VERTEBRAL					
IMPRESS™ 改良脑血管造影管					
410035MC	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038MC	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
510035MC	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038MC	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
MODIFIED CEREBRAL					
IMPRESS™ 贝伦斯坦造影管					
46535BER	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
46538BER	4	.040"/1.02mm	65cm	.038"(0.97mm)	-
410035BER	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038BER	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
412538BER	4	.040"/1.02mm	125cm	.038"(0.97mm)	-
43035BER	4	.040"/1.02mm	30cm	.035"(0.89mm)	-
56535BER	5	.046"/1.17mm	65cm	.035"(0.89mm)	-
56538BER	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
510035BER	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038BER	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
512538BER	5	.046"/1.17mm	125cm	.038"(0.97mm)	-
BERENSTEIN					
IMPRESS™ MW2 造影管					
44038MW2	4	.040"/1.02mm	40cm	.038"(0.97mm)	-

型号	外径 (F)	内管直径	有效长度	建议使用的导丝规格	侧孔
56538MW2	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
MW2					
IMPRESS™ 西蒙氏造影管					
西蒙氏 1					
46535SIM1	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
46538SIM1	4	.040"/1.02mm	65cm	.038"(0.97mm)	-
410035SIM1	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038SIM1	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
56535SIM1	5	.046"/1.17mm	65cm	.035"(0.89mm)	-
56538SIM1	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
510035SIM1	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038SIM1	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
西蒙氏 2					
46538SIM2	4	.040"/1.02mm	65cm	.038"(0.97mm)	-
410035SIM2	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
410038SIM2	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
56538SIM2	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
510035SIM2	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
510038SIM2	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
改良眼镜蛇 1					
48035MODS	4	.040"/1.02mm	80cm	.035"(0.89mm)	-
48038MODS	4	.040"/1.02mm	80cm	.038"(0.97mm)	-
SIMMONS 1 SIMMONS 2 MODIFIED SIMMONS					
IMPRESS™ 眼镜蛇造影管					
眼镜蛇 1					
465352CB1	4	.040"/1.02mm	65cm	.035"(0.89mm)	2
465382CB1	4	.040"/1.02mm	65cm	.038"(0.97mm)	2
565352CB1	5	.046"/1.17mm	65cm	.035"(0.89mm)	2
565382CB1	5	.046"/1.17mm	65cm	.038"(0.97mm)	2
46538CB1	4	.040"/1.02mm	65cm	.038"(0.97mm)	-
410038CB1	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
56538CB1	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
510038CB1	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
眼镜蛇 2					
465352CB2	4	.040"/1.02mm	65cm	.035"(0.89mm)	2
465382CB2	4	.040"/1.02mm	65cm	.038"(0.97mm)	2
565352CB2	5	.046"/1.17mm	65cm	.035"(0.89mm)	2
565382CB2	5	.046"/1.17mm	65cm	.038"(0.97mm)	2
46535CB2	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
46538CB2	4	.040"/1.02mm	65cm	.038"(0.97mm)	-
410038CB2	4	.040"/1.02mm	100cm	.038"(0.97mm)	-
56538CB2	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
510038CB2	5	.046"/1.17mm	100cm	.038"(0.97mm)	-
改良眼镜蛇 1					
43035MODCB1	4	.040"/1.02mm	30cm	.035"(0.89mm)	-
53035MODCB1	5	.046"/1.17mm	30cm	.035"(0.89mm)	-
COBRA 1 COBRA 2 MODIFIED COBRA 1					

型号	外径 (F)	内管直径	有效长度	建议使用的导丝规格	侧孔
IMPRESS™ 钩形造影管					
钩形 0.8					
465352HK0-8	4	.040"/1.02mm	65cm	.035"(0.89mm)	2
565352HK0-8	5	.046"/1.17mm	65cm	.035"(0.89mm)	2
钩形 1.0					
465352HK1-0	4	.040"/1.02mm	65cm	.035"(0.89mm)	2
565352HK1-0	5	.046"/1.17mm	65cm	.035"(0.89mm)	2
 HOOK 0.8  HOOK 1.0					
IMPRESS™ 牧羊人钩形造影管					
牧羊人钩形造影管 0.8					
465352SH0-8	4	.040"/1.02mm	65cm	.035"(0.89mm)	2
565352SH0-8	5	.046"/1.17mm	65cm	.035"(0.89mm)	2
牧羊人钩形造影管 1.0					
465352SH1-0	4	.040"/1.02mm	65cm	.035"(0.89mm)	2
565352SH1-0	5	.046"/1.17mm	65cm	.035"(0.89mm)	2
 SHEPHERD HOOK 0.8  SHEPHERD HOOK 1.0					
IMPRESS™ 肾双弯造影管					
46535RC	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
565352RC	5	.046"/1.17mm	65cm	.035"(0.89mm)	2
 RENAL DOUBLE CURVE					
IMPRESS™ MOTARJEME® 造影管					
46535MOT	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
410035MOT	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
56535MOT	5	.046"/1.17mm	65cm	.035"(0.89mm)	-
510035MOT	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
46535MOTC	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
410035MOTC	4	.040"/1.02mm	100cm	.035"(0.89mm)	-
 MOTARJEME  MOTARJEME CANE					
IMPRESS™ 罗伊特造影管					
48038RE	4	.040"/1.02mm	80cm	.038"(0.97mm)	-
58035RE	5	.046"/1.17mm	80cm	.035"(0.89mm)	-
58038RE	5	.046"/1.17mm	80cm	.038"(0.97mm)	-
 REUTER					
IMPRESS™ MIKEAELSSON 弯曲造影管					
48038MIK	4	.040"/1.02mm	80cm	.038"(0.97mm)	-
58038MIK	5	.046"/1.17mm	80cm	.038"(0.97mm)	-
 MIKAELSSON					
IMPRESS™ KA2造影导管					
43035KA2	4	.040"/1.02mm	30cm	.035"(0.89mm)	-
53035KA2	5	.046"/1.17mm	30cm	.035"(0.89mm)	-
44038KA2	4	.040"/1.02mm	40cm	.038"(0.97mm)	-
46538KA2	4	.040"/1.02mm	65cm	.038"(0.97mm)	-

型号	外径 (F)	内管直径	有效长度	建议使用的导丝规格	侧孔
54038KA2	5	.046"/1.17mm	40cm	.038"(0.97mm)	-
56538KA2	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
 KA2					
IMPRESS™ 曲棍造影管					
410038HS	4	.040"/1.02mm	100cm(头端 4.5cm)	.038"(0.97mm)	-
510038HS	5	.046"/1.17mm	100cm(头端 4.5cm)	.038"(0.97mm)	-
 HOCKEY STICK					
IMPRESS™ 改良钩形选择造影管					
改良钩形选择造影管1					
48035MHK1	4	.040"/1.02mm	80cm	.035"(0.89mm)	-
58035MHK1	5	.046"/1.17mm	80cm	.035"(0.89mm)	-
改良钩形选择造影管2					
48035MHK2	4	.040"/1.02mm	80cm	.035"(0.89mm)	-
58035MHK2	5	.046"/1.17mm	80cm	.035"(0.89mm)	-
改良钩形选择造影管3					
48035MHK3	4	.040"/1.02mm	80cm	.035"(0.89mm)	-
58035MHK3	5	.046"/1.17mm	80cm	.035"(0.89mm)	-
 MODIFIED HOOK 1  MODIFIED HOOK 2  MODIFIED HOOK 3					
IMPRESS™ 直选择性造影管					
46538STS	4	.040"/1.02mm	65cm	.038"(0.97mm)	-
411035STS	4	.040"/1.02mm	110cm	.035"(0.89mm)	-
411038STS	4	.040"/1.02mm	110cm	.038"(0.97mm)	-
56538STS	5	.046"/1.17mm	65cm	.038"(0.97mm)	-
511035STS	5	.046"/1.17mm	110cm	.035"(0.89mm)	-
511038STS	5	.046"/1.17mm	110cm	.038"(0.97mm)	-
					
IMPRESS™ RBI造影管					
465354RBI	4	.040"/1.02mm	65cm	.035"(0.89mm)	4
565354RBI	5	.046"/1.17mm	65cm	.035"(0.89mm)	4
56535RBI	5	.046"/1.17mm	65cm	.035"(0.89mm)	-
510035RBI	5	.046"/1.17mm	100cm	.035"(0.89mm)	-
 RBI					
IMPRESS™ RIM造影管					
46535RIM	4	.040"/1.02mm	65cm	.035"(0.89mm)	-
56535RIM	5	.046"/1.17mm	65cm	.035"(0.89mm)	-
43035RIM	4	.040"/1.02mm	30cm	.035"(0.89mm)	-
53035RIM	5	.046"/1.17mm	30cm	.035"(0.89mm)	-
 RIM					
IMPRESS™ 瘦管造影管					
53035BER	5	.046"/1.17mm	30cm	.035"(0.89mm)	-
IMPRESS™ 牧羊人冲洗造影管					
465356SHP-NB	4	.040"/1.02mm	65cm	.035"(0.89mm)	6
490356SHP-NB	4	.040"/1.02mm	90cm	.035"(0.89mm)	6
565356SHP-NB	5	.049"(1.24mm)	65cm	.035"(0.89mm)	6

型号	外径 (F)	内管直径	有效长度	建议使用的导丝规格	侧孔
					
IMPRESS™ 超级颗粒冲洗造影管					
465351OUBF-NB	4	.040"/1.02mm	65cm	.035" (0.89mm)	10
490351OUBF-NB	4	.040"/1.02mm	90cm	.035" (0.89mm)	10
565351OUBF-NB	5	.049" (1.24mm)	65cm	.035" (0.89mm)	10
590351OUBF-NB	5	.049" (1.24mm)	90cm	.035" (0.89mm)	10
					
IMPRESS™ 改良颗粒冲洗造影管					
465381OMUBF-NB	4	.040"/1.02mm	65cm	.038" (0.97mm)	10
565381OMUBF-NB	5	.049" (1.24mm)	65cm	.038" (0.97mm)	10
					
IMPRESS™ 猪尾冲洗造影管					
430351OPIG-NB	4	.040"/1.02mm	30cm	.035" (0.89mm)	10
465351OPIG-NB	4	.040"/1.02mm	65cm	.035" (0.89mm)	10
490351OPIG-NB	4	.040"/1.02mm	90cm	.035" (0.89mm)	10
4110351OPIG-NB	4	.040"/1.02mm	110cm	.035" (0.89mm)	10
530351OPIG-NB	5	.049" (1.24mm)	30cm	.035" (0.89mm)	10
565351OPIG-NB	5	.049" (1.24mm)	65cm	.035" (0.89mm)	10
590351OPIG-NB	5	.049" (1.24mm)	90cm	.035" (0.89mm)	10
5110351OPIG-NB	5	.049" (1.24mm)	110cm	.035" (0.89mm)	10
565381OPIG-NB	5	.049" (1.24mm)	65cm	.038" (0.97mm)	10
590381OPIG-NB	5	.049" (1.24mm)	90cm	.038" (0.97mm)	10
5110381OPIG-NB	5	.049" (1.24mm)	110cm	.038" (0.97mm)	10
					
IMPRESS™ 直冲冲洗造影管					
465351OSTF-NB	4	.040"/1.02mm	65cm	.035" (0.89mm)	10
490351OSTF-NB	4	.040"/1.02mm	90cm	.035" (0.89mm)	10
565351OSTF-NB	5	.049" (1.24mm)	65cm	.035" (0.89mm)	10
590351OSTF-NB	5	.049" (1.24mm)	90cm	.035" (0.89mm)	10
					
IMPRESS™ 改良钩形冲洗造影管					
465356MHK-NB	4	.040"/1.02mm	65cm	.035" (0.89mm)	6
490356MHK-NB	4	.040"/1.02mm	90cm	.035" (0.89mm)	6
565356MHK-NB	5	.049" (1.24mm)	65cm	.035" (0.89mm)	6
565386MHK-NB	5	.049" (1.24mm)	65cm	.038" (0.97mm)	6
590386MHK-NB	5	.049" (1.24mm)	90cm	.038" (0.97mm)	6
					
SHEPHERD FLUSH					
IMPRESS™ 奥斯本造影管					
410035OSB1	4	.040"/1.02mm	100cm	.035" (0.89mm)	-
510035OSB1	5	.046"/1.17mm	100cm	.035" (0.89mm)	-

型号	外径 (F)	内管直径	有效长度	建议使用的导丝规格	侧孔
					
IMPRESS™ 多用途A1造影管					
410038MPA1	4	.040"/1.02mm	100cm	.038" (0.97mm)	-
412538MPA1	4	.040"/1.02mm	125cm	.038" (0.97mm)	-
510038MPA1	5	.046"/1.17mm	100cm	.038" (0.97mm)	-
512538MPA1	5	.046"/1.17mm	125cm	.038" (0.97mm)	-
					