

ANGIOPTIC™ 3F FLUSH CATHETERS

Studies Indicate:

8 min. Compression, 2 hr. Release

Catalog Number	Description (French Size x Length x Recommended Guidewire)	Quantity/ Box	Max Flow Rate (cc/sec.)
ANGIOPTIC OMNI FLUSH Catheter			
10604601	3F x 45 cm (.025 In.)	10	9
10604602	3F x 55 cm (.025 In.)	10	8
10604603	3F x 65 cm (.025 In.)	10	7
10604604	3F x 90 cm (.025 In.)	10	5
10604605	3F x 65 cm (.025 In.) Pediatric	10	7
10604606	3F x 65 cm (.018 In.) Pediatric	10	8
ANGIOPTIC Straight Flush Catheter			
10604201	3F x 45 cm (.025 In.)	10	8
10604202	3F x 55 cm (.025 In.)	10	7
10604203	3F x 65 cm (.025 In.)	10	6
10604204	3F x 90 cm (.025 In.)	10	5
10604205	3F x 65 cm (.025 In.) Pediatric	10	6
ANGIOPTIC Pigtail Flush Catheter			
10604301	3F x 45 cm (.025 In.)	10	9
10604302	3F x 55 cm (.025 In.)	10	8
10604303	3F x 65 cm (.025 In.)	10	7
10604304	3F x 90 cm (.025 In.)	10	5
10604305	3F x 65 cm (.018 In.)	10	7
10604306	3F x 65 cm (.025 In.) Pediatric	10	7



Note: Custom sizes and shapes available. See your representative.

Physician's Signature

*Caridi J. et al, Examination of Renal Donors as Outpatients Using Intraarterial Digital Subtraction Angiography and a Pigtail Catheter. AJR:169, August, PP537-539

ANGIOGRAPHIC CATHETERS TECHNICAL NOTE

SUBJECT: USE OF 3F ANGIOPTIC™ ANGIOGRAPHIC CATHETERS

BY: Sheila Collins, RN, RT

Note: The following data was provided by Dr. James Caridi, University of Florida, Shands Teaching Hospital.

CLINICAL ADVANTAGES: Experience has shown that the 3F AngioPTIC catheter provides very good torque and “pushability.” The AngioPTIC catheter, being totally radiopaque, provides excellent visibility under fluoroscopy for ease of catheter placement. This smaller diameter catheter reduces the risks of hematoma and the time needed to achieve hemostasis of the accessed vessel. The 3F AngioPTIC catheter is preferred for patients who require angiography but are on heparin or with a low platelet count. The maneuverability and visibility of the 3F AngioPTIC catheter provides a significant advantage for pediatric studies.

PATIENT ADVANTAGES: The use of the 3F AngioPTIC catheters results in a shorter recovery time for the patient. Most patients can ambulate after only two hours. The total time for hospital stay is reduced resulting in lower cost to the patient and the hospital. The 3F catheters also offer advantages for a brachial approach.

ACCESS TECHNIQUE: Use the standard Seldinger technique. Use the following needle and wire sizing chart as a guide.

NEEDLE SIZE	NEEDLE O/D	3F OUTER DIAMETER	COMPATIBLE GUIDEWIRE	COMMENTS
21 g	.032 In.	.040 In.	.018 In.	21 gauge performs well for standard entry procedures
20 g	.035 In.	.040 In.	.018 In.	20 gauge needle may be needed where more support is necessary such as in scarred vessels.
19 g	.042 In.	.040 In.	.025 In.	19 gauge needles may be needed where the additional support of an .025 In. wire is necessary. Note: In these patients leakage may occur around the catheter.

NOTE: Dr. Caridi uses a 21 gauge needle and an .018 In. nitinol guidewire, but states that any .018 guidewire may be used to reduce the cost of the procedure. Due to the small outer diameter (0.040 In.) of the 3F AngioPTIC catheter, vessel entry is an easy, smooth access. Use a dilator in scarred grafts if necessary. Because of decreased friction associated with smaller size catheters, it appears that the 3F catheter yields an easier access for those patients with very diseased vessels as opposed to the larger catheter sizes.

TECHNICAL PARAMETERS FOR USING 3F ANGIOPTIC CATHETERS:

- Using Visapaque 320 for a routine aortogram, 7cc/sec., Total Volume=21cc
- Using CO2 for a routine aortogram, 50-75cc/sec., Total Volume = 40cc-60cc

SUMMARY: The 3F AngioPTIC catheter promotes easy use with excellent visibility providing decreased potential complications and cost to the patient.

ANGIODYNAMICS®

INCORPORATED

AngioDynamics, Inc. • 603 Queensbury Ave. • Queensbury, NY 12804 • USA
Phone: 518-798-1215 • Fax: 518-798-1360 • Toll-Free USA: 1-800-772-6446
International: AngioDynamics UK Ltd • Building 2000, Beach Drive, IQ Cambridge
Waterbeach, Cambridge CB25 9TE • United Kingdom
Tel: +44 1223 729 300 • Fax: +44 1223 729 349
www.angiodynamics.com

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