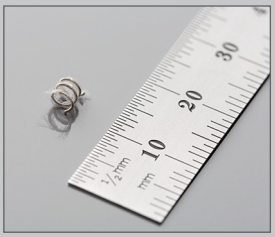
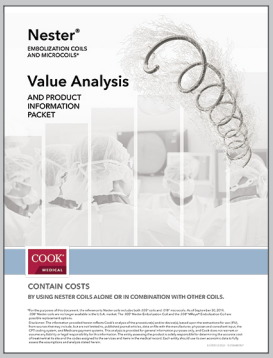
Achieve occlusion, contain costs and manage reimbursement at the same time in the same procedure with fibered, pushable coils.

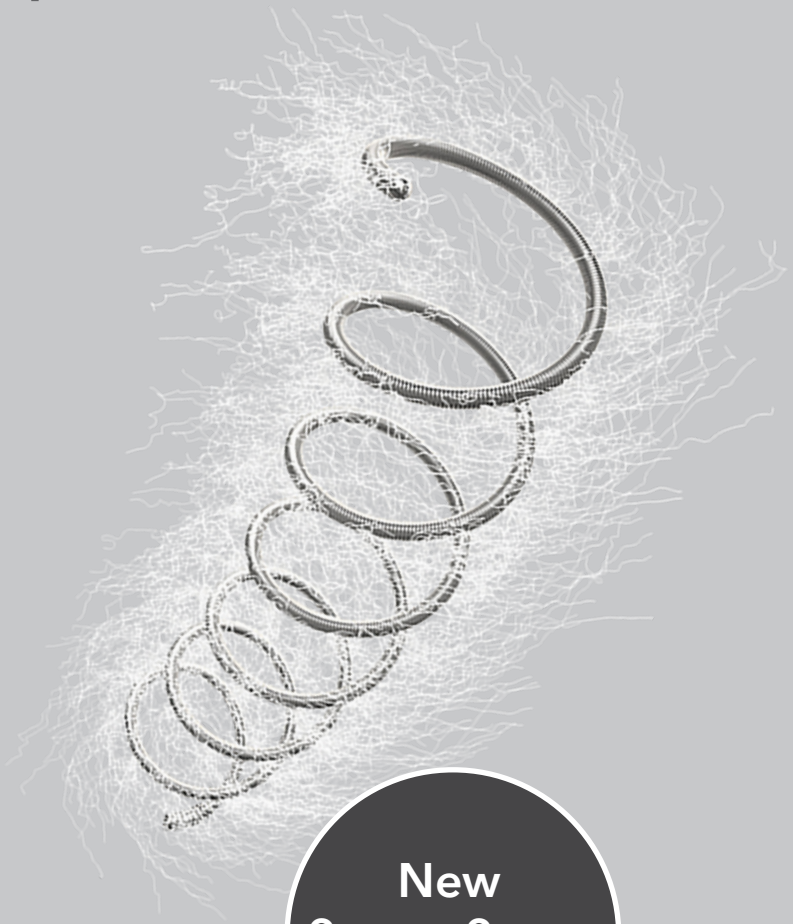


The new Nester embolization microcoil, 2 cm long with a 2 mm diameter, is the smallest Nester microcoil in Cook's fibered pushable embolization coil portfolio.

Cook's small coil portfolio includes the new Nester microcoil (left), the 0.5 cm and 1 cm long straight Hilal microcoils (middle) and the 3/2 Tornado microcoil (right).



Ask about our Nester Value Analysis document which outlines how costs may be reduced by using Nester pushable coils in combination with detachable coils.



New
2 cm x 2 mm
Nester

Nester®
EMBOLIZATION COI

Boost thrombogenicity with fiber

Get the clinical outcome you want by boosting occlusive capacity with fewer, highly fibered, soft platinum pushable coils. On average, 1.3 fibered coils were needed to achieve occlusion compared with 3.2 non-fibered coils.[1] Also, less coil length is needed if the coil is fibered.

Contain costs by using fibered pushable coils

Less expensive fibered pushable coils may help you meet both clinical and cost goals at the same time in the same procedure. As detachable coils, on average, are eight times more expensive than pushable coils,[2] costs can be lowered by replacing detachable coils with pushable coils.

Use pushable and detachable coils together

When both precise control and a high level of thrombogenicity are desired, use a detachable coil as the first coil to secure placement. The packing ability of the platinum design coupled with the thrombogenic nature of the nylon fiber makes Nester coils ideal middle packing coils.

COOK® MEDICAL

1. Trerotola S, Pressler GA, Premanandan C. Nylon fibered versus non-fibered embolization coils: comparison in a swine model. *J Vasc Interv Radiol*. 2019;30(6):949–955.
2. Nester Value Analysis Document. To view all references, go here.

Nester®
EMBOLIZATION COIL

Device description

Nester Embolization Coils and Microcoils are made of platinum with spaced synthetic fibers, and are supplied preloaded in a loading cartridge. They are designed to be delivered to the target vessel using a soft, straight wire guide through a standard angiographic catheter.

Intended use

Nester Embolization Coils and Microcoils are intended for arterial and venous embolization in the peripheral vasculature.

- Widest range of diameters and lengths in the Cook embolization coil portfolio.
- Designed to form a tight occluding mass.
- Made of soft platinum for tight packing.
- Fully fibered for thrombogenicity.
- Easily visible under fluoroscopy.
- MR conditionally safe at 3 T and 1.5 T.
- Can be used alone or in combination with other pushable and detachable embolization coils.

Increase occlusive capacity with fiber.

A published animal study,[1] which was randomized, blinded and utilized a single operator to eliminate experimental bias, is among the first to provide strong evidence supporting what clinicians have long observed: that fibers enhance thrombogenicity. The study provides strong evidence that the incorporation of nylon fibers in metallic embolization coils significantly reduces the number of coils required to occlude peripheral arteries compared to bare metal coils.

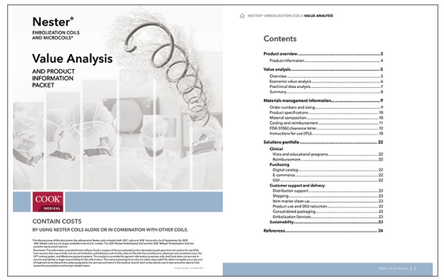
Contain your costs

Coil choice may impact the cost of a procedure,[2] the hospital, the patient's pocket and the larger healthcare system.[3]

In an analysis of the Nester Embolization Coil, the use of significantly less expensive fibered pushable coils may help lower procedural costs. It was found that:

- On average, the cost of a procedure exceeds reimbursement allocation.[2]
- On average, detachable coils are eight times more expensive than pushable coils.[2]
- Costs can be reduced by substituting detachable coils with fibered pushable coils.[2]
- When coils are fibered, fewer coils are needed to help achieve occlusion.[1]

To see all references used to compile the Nester Value Analysis Document, go here.



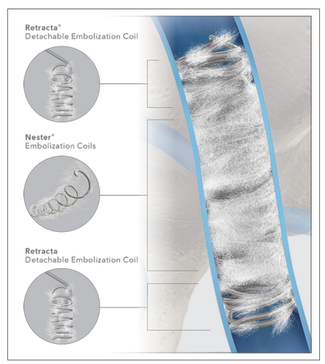
Use Nester coils in combination with detachable coils.

Using pushable and detachable coils in combination may help you meet both the clinical goal of occlusion and the economic goal of containing costs. This combination approach is useful in procedures where control is especially critical and a high level of thrombogenicity is desired.

For safe and precise placement, use a detachable coil for the first and last coils and then pack tightly in between with highly fibered pushable Nester coils to increase thrombogenicity. Fewer coils are needed to achieve occlusion if the coils are fibered.[1]

Other fibered pushable and detachable coils that may be used in conjunction with Nester coils include:

- Tornado Embolization Coils and Microcoils
- MReye Embolization Coils
- Retracta Detachable Embolization Coils



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2. Nester Value Analysis Document. To view all references, go here.
3. Alan H. Matsumoto, M.D., FSIR, Dr. Charles T. Dotter Lecture, Society of Interventional Radiology's 2019 Annual Scientific Meeting https://www.jvir.org/article/S1051-0443(19)30618-9/fulltext, DOI: https://doi.org/10.1016/j.jvir.2019.07.008

Find out more about Nester Embolization Coils and Microcoils.

Visit the Nester product page on the cookmedical.com website to see more detailed information.

1. Fiber helps achieve occlusion. Visit JVIR.org to read the full text version of the Fiber Study.

2. To read a summary of the Fiber Study and its findings.

3. Listen to the Fiber Study video where a physician is interviewed about an animal study where the impact of fiber was tested.

4. View the Nester Value Analysis Document to find out more about using Nester coils to help with cost containment.

5. The value of fiber was recognized by fathers of Interventional radiology in the 1970s. 2020 marks the 45th anniversary of Dr. Cesare Gianturco's invention of the revolutionary "wooly tail"embolization coil. Watch the video, made a few years ago, to commemorate Dr. Gianturco's legacy.

	Order Number	Reference Part Number	Recommended Catheter ID and End Hole Diameter inch	Extended Embolus Length cm	Coiled Embolus Diameter mm	Approximate Number of Loops
	.018 inch microcoils					
New	**G47344**	**MWCE-18-2-2-NESTER-01**	.018	2	2	3.2
	G47331	**MWCE-18-3-2-NESTER-01**	.018	3	2	4.8
	G47332	**MWCE-18-3-3-NESTER-01**	.018	3	3	3.2
	G47333	**MWCE-18-5-2-NESTER-01**	.018	5	2	8.0
	G47334	**MWCE-18-5-3-NESTER-01**	.018	5	3	5.3
	G47335	**MWCE-18-5-5-NESTER-01**	.018	5	5	3.2
	G47337	**MWCE-18-7-2-NESTER-01**	.018	7	2	11.1
	G47338	**MWCE-18-7-3-NESTER-01**	.018	7	3	7.4
	G47339	**MWCE-18-7-4-NESTER-01**	.018	7	4	5.6
	G47340	**MWCE-18-7-5-NESTER-01**	.018	7	5	4.5
	G47341	**MWCE-18-7-6-NESTER-01**	.018	7	6	3.7
	G47342	**MWCE-18-7-8-NESTER-01**	.018	7	8	2.8
	G47326	**MWCE-18-14-3-NESTER-01**	.018	14	3	14.9
	G47327	**MWCE-18-14-4-NESTER-01**	.018	14	4	11.1
	G47328	**MWCE-18-14-5-NESTER-01**	.018	14	5	8.9
	G47329	**MWCE-18-14-6-NESTER-01**	.018	14	6	7.4
	G47330	**MWCE-18-14-8-NESTER-01**	.018	14	8	5.6
	G47325	**MWCE-18-14-10-NESTER-01**	.018	14	10	4.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Order Number	Reference Part Number	Recommended Catheter ID and End Hole Diameter inch	Extended Embolus Length cm	Coiled Embolus Diameter mm	Approximate Number of Loops
.035 inch coils					
G47371	MWCE-35-7-3-NESTER-01	.035	7	3	7.4
G47372	MWCE-35-7-4-NESTER-01	.035	7	4	5.6
G47374	MWCE-35-7-6-NESTER-01	.035	7	6	3.7
G47375	MWCE-35-7-8-NESTER-01	.035	7	8	2.8
G47365	MWCE-35-7-10-NESTER-01	.035	7	10	2.2
G47352	MWCE-35-14-4-NESTER-01	.035	14	4	11.1
G47354	MWCE-35-14-6-NESTER-01	.035	14	6	7.4
G47355	MWCE-35-14-8-NESTER-01	.035	14	8	5.6
G47345	MWCE-35-14-10-NESTER-01	.035	14	10	4.5
G47346	MWCE-35-14-12-NESTER-01	.035	14	12	3.7
G47347	MWCE-35-14-14-NESTER-01	.035	14	14	3.2
G47348	MWCE-35-14-16-NESTER-01	.035	14	16	2.8
G47349	MWCE-35-14-18-NESTER-01	.035	14	18	2.5
G47350	MWCE-35-14-20-NESTER-01	.035	14	20	2.2
G47356	MWCE-35-20-10-NESTER-01	.035	20	10	6.4
G47357	MWCE-35-20-12-NESTER-01	.035	20	12	5.3
G47358	MWCE-35-20-14-NESTER-01	.035	20	14	4.5
G47359	MWCE-35-20-16-NESTER-01	.035	20	16	4.0
G47360	MWCE-35-20-18-NESTER-01	.035	20	18	3.5
G47361	MWCE-35-20-20-NESTER-01	.035	20	20	3.2

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Nester® Embolization Coils and Microcoils

CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician (or a properly licensed practitioner).

INTENDED USE: Nester Embolization Coils and Microcoils are intended for arterial and venous embolization in the peripheral vasculature.

CONTRAINDICATIONS: None known.

WARNINGS: Positioning of Embolization Coils and Microcoils should be done with particular care. Coils should not be left too close to the inlets of arteries and should be intermeshed with previously placed coils if possible. A minimal but sufficient arterial blood flow should remain to hold the coils against the previously placed coils until a solid clot ensures permanent fixation. The purpose of these suggestions is to minimize the possibility of loose coils becoming dislodged and obstructing a normal and essential arterial

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Customer Service

EU Website: cookmedical.eu
EDI: cookmedical.eu/edi
Distributors: +353 61239240, ssc.distributors@cookmedical.com
Austria: +43 179567121, oe.orders@cookmedical.com
Belgium: +32 27001702, be.orders@cookmedical.com
Denmark: +45 38487607, da.orders@cookmedical.com
Finland: +358 972519996, fi.orders@cookmedical.com
France: +33 171230269, fr.orders@cookmedical.com
Germany: +49 6950072804, de.orders@cookmedical.com
Hungary: +36 17779199, hu.orders@cookmedical.com
Iceland: +354 8007615, IS.orders@cookmedical.com
Ireland: +353 61239252, ie.orders@cookmedical.com
Italy: +39 0269682853, it.orders@cookmedical.com
Netherlands: +31 202013367, nl.orders@cookmedical.com
Norway: +47 23162968, no.orders@cookmedical.com
Spain: +34 912702691, es.orders@cookmedical.com
Sweden: +46 858769468, se.orders@cookmedical.com
Switzerland - French: +41 448009609, fr.orders@cookmedical.com
Switzerland - Italian: +41 448009609, it.orders@cookmedical.com
Switzerland - German: +41 448009609, de.orders@cookmedical.com
United Kingdom: +44 2073654183, uk.orders@cookmedical.com

USA Website: cookmedical.com
EDI: cookmedical.com/edi.do
Americas:
Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335
E-mail: customersupport@cookmedical.com
Australia:
Phone: +61 734346000, 1800777222, Fax: +61 734346001, 1800077283
E-mail: cau.custserv@cookmedical.com

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