

The image features three coronary guidewires against a light green background with a white grid pattern. One wire is coiled at the top, while two others are positioned vertically below it. The text 'Runthrough NS' is prominently displayed in a dark purple, italicized font, with 'Coronary Guidewires' in a smaller, dark purple font underneath.

Runthrough[®] NS

Coronary Guidewires

SIMPLIFY
YOUR **CHOICE**
FOR MAXIMUM
CONTROL

 **TERUMO**
INTERVENTIONAL
SYSTEMS



PUSHING BOUNDARIES

Terumo Interventional Systems is **committed to your success** with innovative procedural solutions and ongoing support for your most challenging cases.

We are relentlessly seeking new ways to help you apply effective solutions and achieve **better outcomes for more patients.**

**TERUMO**
INTERVENTIONAL
SYSTEMS

Runthrough[®] NS

Coronary Guidewires

CHOOSING THE RIGHT GUIDEWIRE IS SIMPLE

FRONTLINE CASES

RUNTHROUGH[®] NS Extra Floppy

- Designed to cross simple or complex lesions
- 1:1 torque control for optimal steerability
- Durable tip enables multi-vessel procedures

COMPLEX CASES

RUNTHROUGH[®] NS Hypercoat[™]

- Proprietary M-Coat technology designed for tortuous and distal lesions
- 1:1 torque control for optimal steerability
- Low weight, flexible tip design may reduce distal perforations

Whether choosing **RUNTHROUGH[®] NS Extra Floppy** or **Hypercoat[™]** Coronary Guidewires you will have an unmatched combination of tip durability, torque control, and rail support.

Use the provided
RUNTHROUGH® NS
Coronary Guidewire
shaping tool for
optimal results.

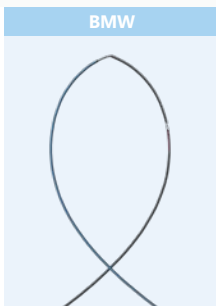
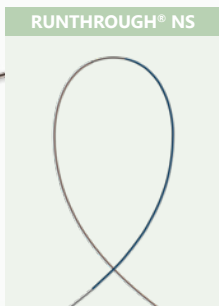


YOUR **FRONTLINE** CHOICE

RUNTHROUGH® NS Extra Floppy

An extra floppy guidewire for simple to complex lesions—
with a soft, atraumatic tip and reliable rail support.

- Nitinol core-to-tip design enables superior durability,
which may reduce number of wires used¹⁻⁴:
 - A reduced need for buddy wires
 - Fewer wire exchanges
- Excellent rail support designed for device delivery



Both RUNTHROUGH® NS
Coronary Guidewires feature
a unique DuoCore™ technology
which fuses nitinol tip and
stainless steel shaft for 1:1
torque transfer and control.⁵



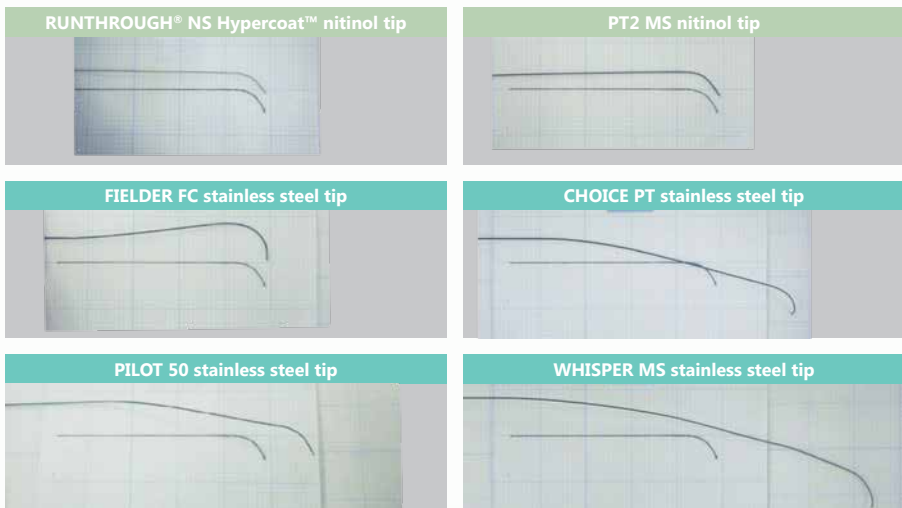
YOUR NEW CHOICE FOR **COMPLEX LESIONS**

RUNTHROUGH® NS Hypercoat™

An enhanced hydrophilic guidewire for tortuous, distal lesions and tight stenotic lesions

- Proprietary enhanced M-coat provides superior wire trackability to reach tortuous distal lesions-comparable to plastic-jacketed wires^{5,6}
- Low-weight, flexible nitinol tip engineered for easy prolapse
- Durable nitinol tip provides superior tip durability and may reduce wire use per case⁶

Bench-tested against leading guidewires for durability⁷



Upon visual evaluation, RUNTHROUGH® NS Hypercoat™ Coronary Guidewire is proven superior to other wires without a nitinol tip.⁷

Runthrough® NS

Coronary Guidewires

Choose to do more by selecting an unmatched combination of tip durability, torque control, and rail support.

ORDERING INFORMATION

| RUNTHROUGH® NS Extra Floppy Coronary Guidewire | | | | |
|--|---------------|-------------|----------------------|--------------------|
| PRODUCT CODE | DIAMETER (in) | LENGTH (cm) | TIP RADIOPACITY (cm) | TIP SHAPE |
| 25-1011 | 0.014 | 180 | 3 | Straight/Shapeable |
| 25-1013 | 0.014 | 300 | 3 | Straight/Shapeable |

| RUNTHROUGH® NS Hypercoat™ Coronary Guidewire | | | | |
|--|---------------|-------------|----------------------|--------------------|
| PRODUCT CODE | DIAMETER (in) | LENGTH (cm) | TIP RADIOPACITY (cm) | TIP SHAPE |
| 25-3011 | 0.014 | 180 | 3 | Straight/Shapeable |
| 25-3013 | 0.014 | 300 | 3 | Straight/Shapeable |

Packed 5 per box. Shaping tool included.

| RUNTHROUGH® NS Extension Wire | | | | |
|-------------------------------|---------------|-------------|----------------------|-----------|
| PRODUCT CODE | DIAMETER (in) | LENGTH (cm) | TIP RADIOPACITY (cm) | TIP SHAPE |
| 25-9092 | 0.014 | 150 | — | — |

Packed 1 per box. Does not include a shaping tool.

FIND OUT MORE ☎ Phone: 800.862.4143 🌐 terumo.com 📠 Fax: 800.411.5870

References:

1. Sharma S. The RUNTHROUGH® NS Guidewire: Lessons after 2,000 uses. *Cath Lab Digest*. 2008;16(9).
2. Goldberg S, Moses J, Parashara D, Rutherford B, Sharma S. Guidewires – Expert Round Table; *Radcliffe Cardiology. US Cardiology*. 2008;5(1):34-38.
3. De Gregorio J. Experience with a new workhorse guidewire. *Cath Lab Digest*. 2007;10:56-58.
4. Sharma S. Experience with a New Guidewire: The Terumo RUNTHROUGH® NS. *Cath Lab Digest*. 2008;3:62-63.
5. Lewis S. Value of the Terumo RUNTHROUGH® NS Coronary Guidewire. *Diagnostic & Invasive Cardiology*: March/April 2008.
6. Data on file.
7. RUNTHROUGH® NS Hypercoat Bench Testing Report, March 20, 2015.

RX ONLY. Refer to the product labels and package insert for complete warnings, precautions, potential complications, and instructions for use.

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