



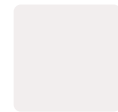
# Falspeed PTA Balloon Dilatation Catheter: Advanced Vascular Solutions

Introducing precision-engineered balloon technology for peripheral vascular interventions. Designed specifically for challenging anatomical conditions requiring controlled vessel dilation.

 **by Sepehr Fariabi**

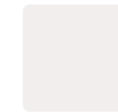


# Marketing Strategy Overview



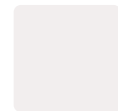
## Target Market

Interventional cardiologists and vascular surgeons treating PAD patients in hospital catheterization laboratories.



## Competitive Positioning

Superior trackability with hydrophilic coating technology exceeding current market standards for crossing success rates.



## Value Proposition

Reduced procedure time and improved patient outcomes through enhanced lesion crossing capability.

# Falspeed Semi-Compliant PTA Balloon



## Technical Innovation

Semi-compliant nylon balloon material provides optimal vessel wall apposition. Controlled expansion reduces dissection risk significantly.

## Clinical Applications

Peripheral artery disease treatment in femoral, popliteal, and iliac vessels. Effective for complex calcified lesions.

# Product Overview: Key Technical Features



## Tapered Tip Design

0.021" smooth transition tip enables crossing tight stenotic lesions with minimal vessel trauma.



## Hydrophilic Coating

Patented ultra-lubric coating maximizes crossing success through complex vessel geometries and calcified plaques.



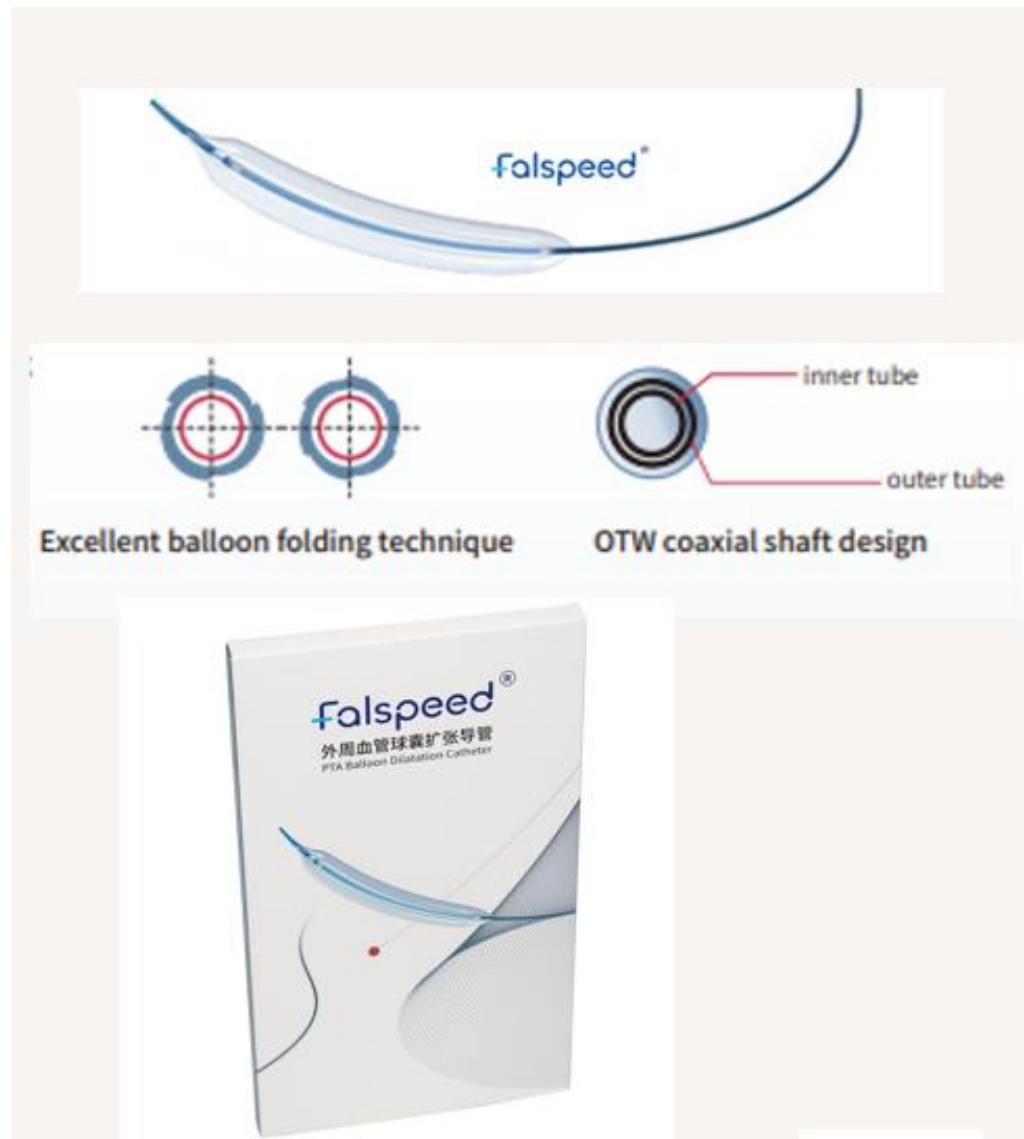
## Advanced Materials

Thinner nylon balloon material with unique folding technique ensures predictable expansion characteristics.



## OTW Coaxial Design

Over-the-wire configuration provides superior trackability and pushability through tortuous anatomy.





# Clinical Applications and Product Description

## Primary Indications

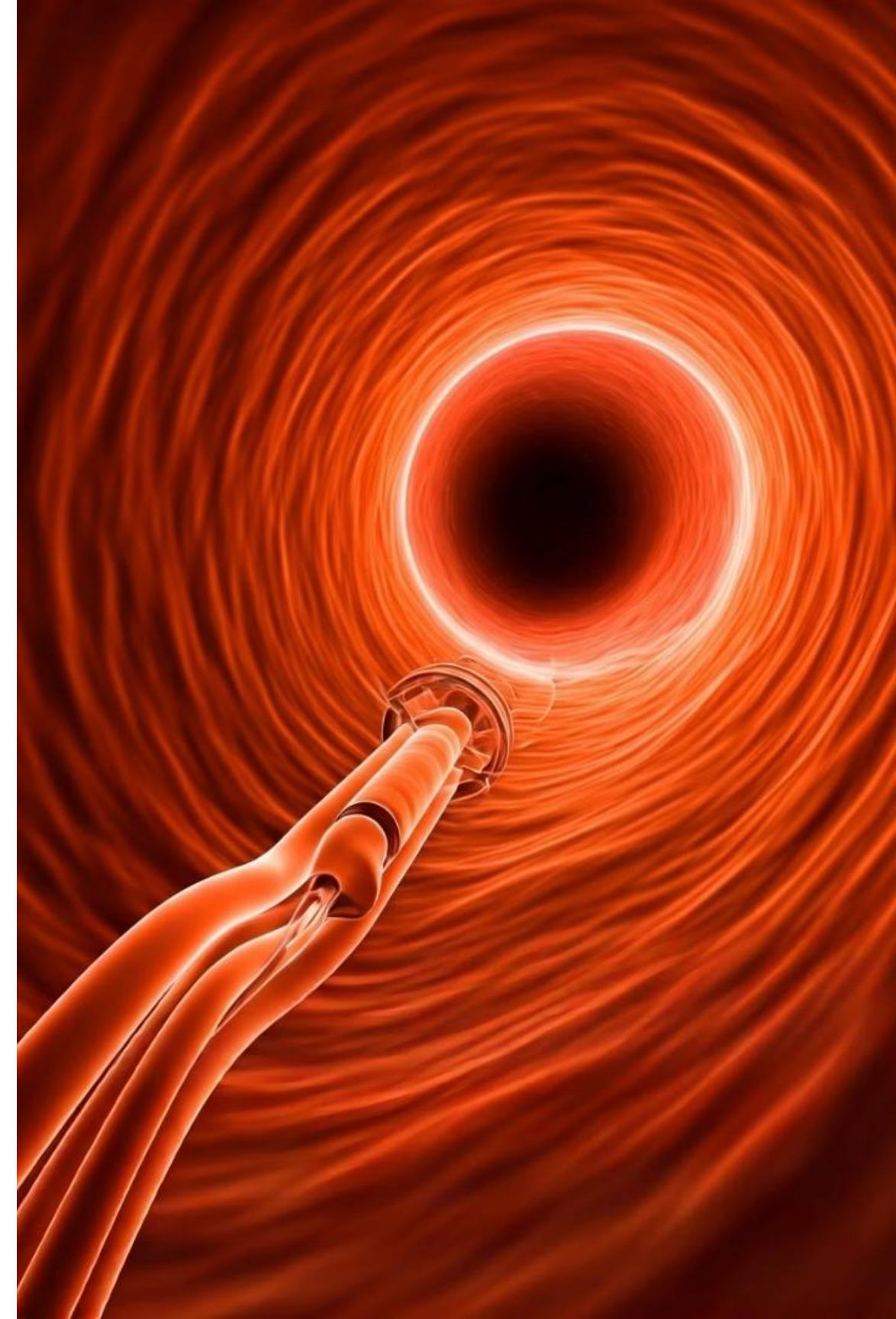
Peripheral artery disease treatment in lower extremity vessels. Effective for atherosclerotic stenosis and occlusions requiring controlled dilation.

## Secondary Applications

Interventional radiology procedures including renal artery stenosis. Endovascular repair applications and venous disorder treatments.

## Design Philosophy

Semi-compliant balloon conforms to vessel shape while providing controlled expansion force. Minimizes dissection risk through gradual dilation.



# Features, Benefits, and Competitive Analysis

## COMPETITIVE ADVANTAGE

That's what sets us apart



1

### Controlled Expansion

Gradual balloon inflation reduces vessel trauma risk. Superior lesion crossing capability in challenging anatomy.

2

### Enhanced Trackability

Hydrophilic coating reduces friction during advancement. Excellent pushability through tortuous vessel segments.

3

### Competitive Landscape

Competes with Boston Scientific Sterling, Medtronic XTREME, and BD Powerflex balloon systems.

4

### Radiopaque Markers

Precise balloon positioning with clear fluoroscopic visibility. Compatible with standard guide catheter systems.

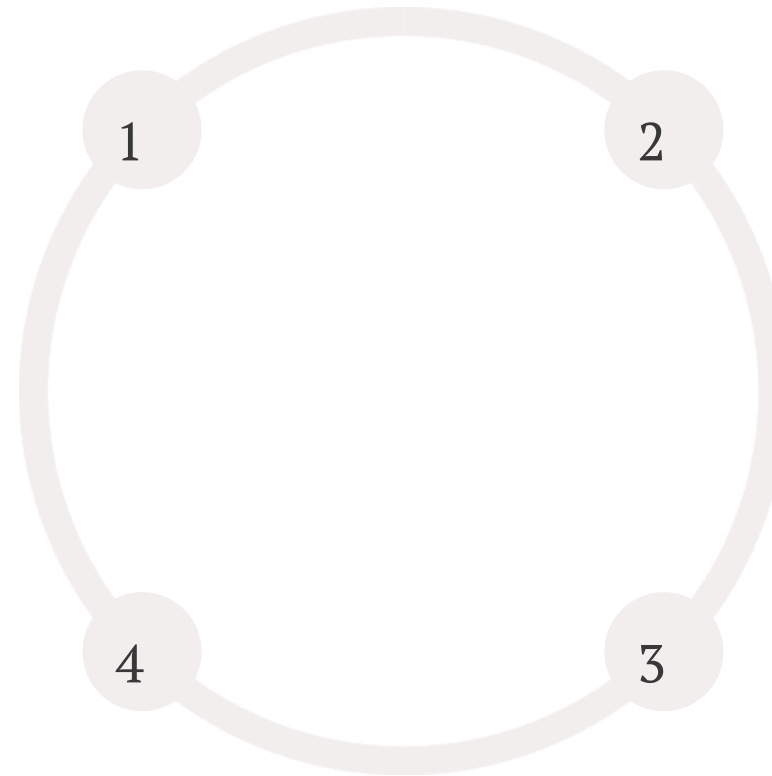
# Product Catalog Summary

## Semi-Compliant Design

Precision-driven nylon balloon material engineered for controlled vessel dilation with minimal trauma risk.

## Clinical Excellence

Engineered for demanding vascular interventions requiring precision control and reliable performance characteristics.



## Advanced Flexibility

Superior navigation capabilities through tortuous vessels and tight lesion crossing with exceptional trackability.

## Special Folding Technology

Unique balloon folding design provides gradual dilation mechanism for superior procedural outcomes.