Sheathless vodící katetry

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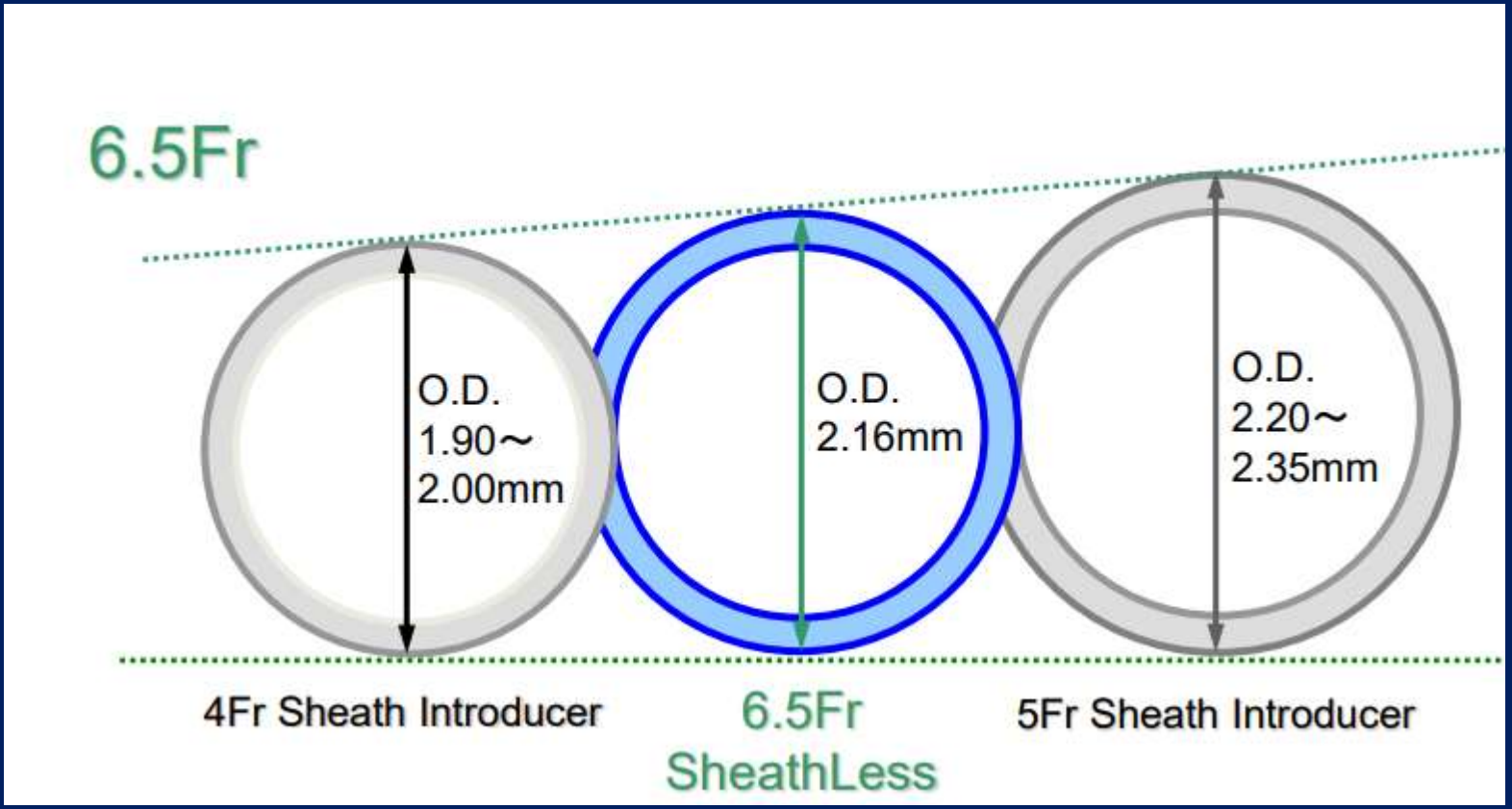
Sheathless vodící katetry



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Sheathless size (Fr)	Inner Diameter		Outer Diameter
	(mm)	(inch)	(mm)
6.5	1.78	0.070	2.16
7.5	2.06	0.081	2.49
8.5	2.29	0.090	2.80

In contrast to standard GCs that have a single layer of metallic braiding, the wall of this catheter is thicker, as it has an additional layer of braiding, which provides optimal torqueability and flexibility, and an outer hydrophilic coating present along the entire length of the GC, which facilitates its smooth passage and reduces radial pain and spasm during catheter manipulation

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	6.5Fr SheathLess Eaucath	5Fr Guiding System (Research based on average testing outcome)	7.5Fr SheathLess Eaucath	6Fr Guiding System (Research based on average testing outcome)	8.5Fr SheathLess Eaucath
O.D. (mm)	2.16mm	2.20～2.35mm	2.49mm	2.50～2.70mm	2.80mm
I.D. (mm /inch)	1.78mm (0.070inch)	1.42～1.47mm (0.056～0.058inch)	2.06mm (0.081inch)	1.80mm (0.071inch)	2.29mm (0.090inch)
Deep Seating	Applicable	Applicable	Not as applicable as 6.5Fr due to shaft stiffness	Not as applicable as 6.5Fr due to shaft stiffness	Not applicable due to shaft stiffness
Kissing Balloon Technique	Applicable (Balloon Catheter should be smaller than 2.6Fr)	Not applicable	Applicable	Applicable (Balloon Catheter should be smaller than 2.6Fr)	Applicable
Cutting Balloon (mm)	～3.50mm	～2.50mm	～4.00mm	～3.50mm	～4.00mm
Rotablator (mm)	～1.75mm	～1.50mm	～2.00mm	～1.75mm	～2.15mm

IVUS, AC, extenze

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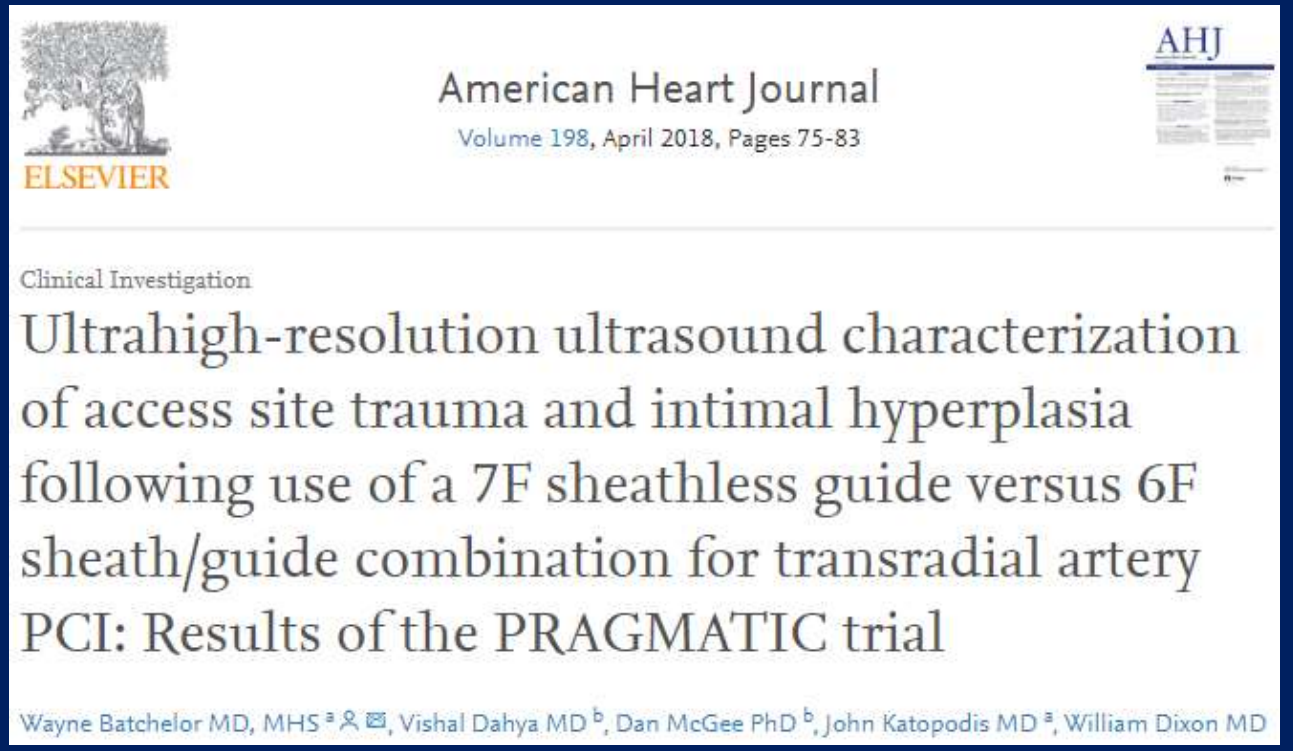

ELSEVIER

American Heart Journal

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AHJ

Clinical Investigation

Ultrahigh-resolution ultrasound characterization of access site trauma and intimal hyperplasia following use of a 7F sheathless guide versus 6F sheath/guide combination for transradial artery PCI: Results of the PRAGMATIC trial

Wayne Batchelor MD, MHS [a], Vishal Dahya MD [b], Dan McGee PhD [b], John Katopodis MD [a], William Dixon MD

Conclusions

A 7F sheathless approach to TRA-PCI results in no more IMT and early or late RA trauma than a standard 6F sheath/guide combination, rendering the 7F sheathless technique an attractive option for complex TRA-PCI.

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Can J Cardiol. 2016 Dec;32(12):1425-1432. doi: 10.1016/j.cjca.2016.03.016. Epub 2016 Apr 4.

A Randomized Study of SheathLess vs Standard Guiding Catheters for Transradial Percutaneous Coronary Interventions.

Noble S[1], Tessitore E[2], Gencer B[2], Righini M[3], Robert-Ebadi H[3], Roffi M[2], Bonvini RF[4].

CONCLUSIONS: In selected coronary lesions requiring large-bore catheters in men and in all lesions in women, the SheathLess GC was superior to the standard GC for successful transradial PCI with the designated GC. The SheathLess GC was also associated with easier arm navigation and less patient discomfort.

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Am J Cardiol. 2016 Sep 15;118(6):785-789. doi: 10.1016/j.amjcard.2016.06.052. Epub 2016 Jun 28.

Effectiveness and Safety of the Transradial 8Fr Sheathless Approach for Revascularization of Chronic Total Occlusions.

Dautov R[1], Ribeiro HB[2], Abdul-Jawad Altisent O[2], Nombela-Franco L[2], Gibrat C[2], Nguyen CM[2], Rinfret S[3].

Catheter Cardiovasc Interv. 2016 May;87(6):1111-7. doi: 10.1002/ccd.26144. Epub 2015 Sep 10.

Sheathless guide catheter in transradial percutaneous coronary intervention for ST-segment elevation myocardial infarction.

Miyasaka M[1], Tada N[1], Kato S[1], Kami M[2], Horie K[1], Honda T[1], Takizawa K[1], Otomo T[1], Inoue N[1].

Cardiol Res. 2018 Aug;9(4):258-263. doi: 10.14740/cr740w. Epub 2018 Aug 10.

Technical Considerations in Transradial Unprotected Left Main Stem Rotational Atherectomy-Assisted and IVUS-Guided Percutaneous Coronary Intervention Using the 7.5F Eaucath Sheathless Guiding Catheter System.

Kassimis G[1,2], Weight N[1], Kontogiannis N[1], Raina T[1].

Sheathless vodící katetry

1. Výhoda 1,5 F v ID při srovnatelném OD
2. Srovnatelné trauma tepny
3. Menší bolestivost při tenkých radiálních tepnách
4. Bez omezení ve volbě koronárního instrumentaria

5. Menší opora při srovnatelných OD (6F klasický lepší 6.5F SL)