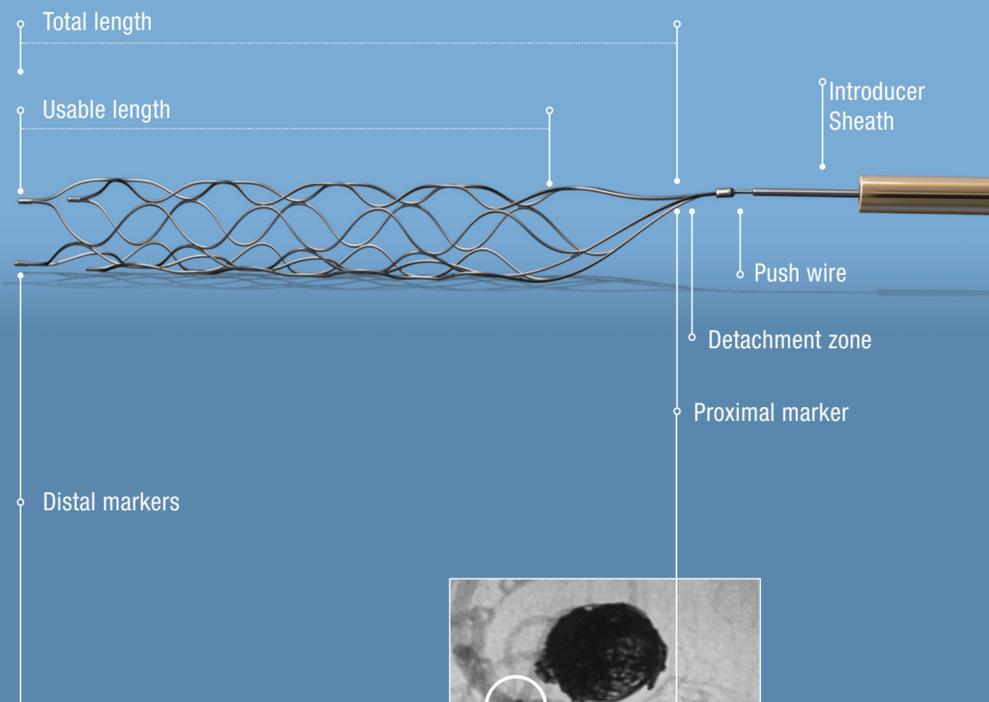


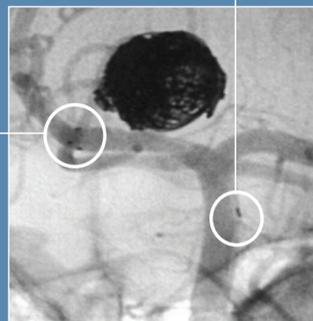
## Optimal Delivery and Coil Mass Support

Optimalus įvedimas ir spiralių parama



## Visualization

Distal and proximal markers ensure that the exact position of Solitaire AB is always known



Reference Number	Rekomenduojamas kraujagyslių diametras			Total Length (mm)	Minimalus mikrokaterio vidinis diametras (in.)	Distaliniai žymekliai	Proksimaliniai žymekliai
	Recommended Vessel Size (mm)	Diameter (mm)	Usable Length (mm)				
SAB-4-15	3.0 – 4.0	4	15	26	0.021	3	1
SAB-4-20	3.0 – 4.0	4	20	31	0.021	3	1
SAB-6-20	5.0 – 6.0	6	20	31	0.027	4	1
SAB-6-30	5.0 – 6.0	6	30	41	0.027	4	1

### Solitaire™ AB - Detachment box

Reference Number

NDS-2

Note: It is recommended to use the ev3 Rebar™ Microcatheter for the delivery of Solitaire™ AB.

### Rebar™ - Device selection

Reference Number	Catheter Class	Usable Length (mm)	ID (in.)	Max Guidewire	Proximal OD	Distal OD
105-5081-153*	18	153	0.021	0.018	2.7F	2.4F
105-5083-153	18	153	0.021	0.018	2.7F	2.4F
105-5082-130	27	130	0.027	0.018	2.8F	2.8F
105-5082-145	27	145	0.027	0.018	2.8F	2.8F

\* Dual Marker Band

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. Solitaire AB Neurovascular Remodeling Device is designed for the treatment of intracranial neurovascular disease. Not approved for sale in the U.S.

Solitaire and Rebar are trademarks of ev3 Inc. Other names appearing in this document are the property of their respective owners.

NEUROVASCULAR | PERIPHERAL VASCULAR  
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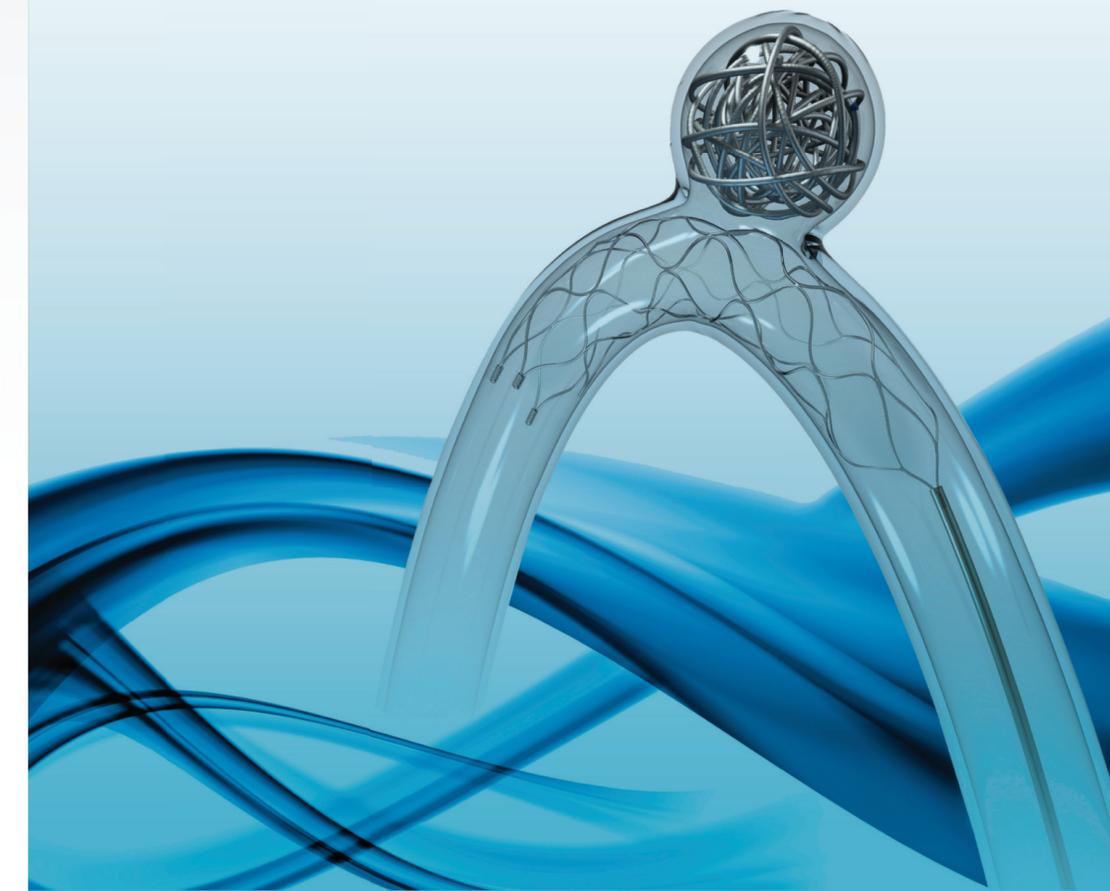


## Solitaire™ AB

Neurovascular Remodeling Device

19.1 poz

Fully deployable.  
Completely retrievable.\*



\*Prior to detachment

**Solitaire™ AB Neurovascular Remodeling Device is the only self-expanding stent designed for bridging the neck of aneurysms that can be completely retrieved, even when fully deployed for unmatched procedural control.**

Solitaire AB neurovaskulinė remoduliacijos priemonė yra vienintelis savaime išsiplečiantis stentas skirtas uždengti aneurizmų kaklus ir kuris!

gali būti visškai ištraukiamas, netgi tuomet kai buvo pilnai išskleistas - nepalyginamai procedūros kontrolei



### Ease in delivery

- Designed for single-operator delivery and deployment
- Delivery through a standard 0.021" or 0.027" micro catheter on a 0.016" pushwire means Solitaire AB delivers just like a coil

### Accuracy and deployment control

- Only Solitaire AB allows for multiple retrieval, even after full deployment for adjustment and superior placement
- Features electrolytic detachment for control of detachment after deployment. Solitaire AB can be detached before or after coil embolization
- When not detached, Solitaire AB can be safely held or placed without risk of migration of the stent during coil placement or balloon use

### Optimal coil mass support

- Designed for optimal vessel conformability. Due to its unique **self-expanding Nitinol design** savaime išsiplečiančio nitinolio dizainas Solitaire AB easily adapts to the tortuous path of vessels
- Its open slit, closed cell design gives Solitaire AB an optimal radial force with good kink resistance

## Clinical successes

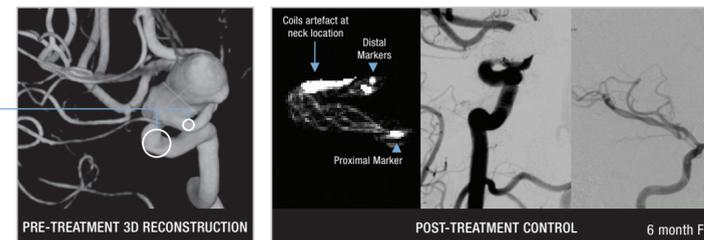
### Moret

LINNC, 2008

- Lack of kinking
- Good conformability
- Coverage at the neck

Note the difference in terms of vessel diameter that does not favoritize stent opening

Case pictures courtesy of Pr. Moret – Rothschild Foundation, Paris, France



- Both distal and proximal sections comply with vessel wall and show nice opening
- Despite acute angle, Solitaire AB shows minimal narrowing

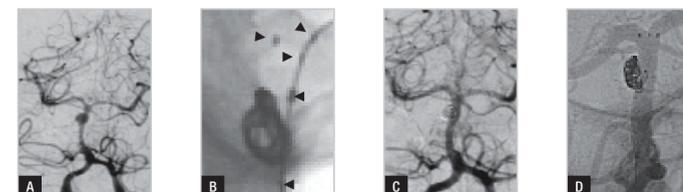
### Cekirge

J Neurosurg 107, 2007

Immediate and midterm follow-up results of using an electrodetachable, fully retrievable (SOLO\*) stent system in the endovascular coil occlusion of wide-necked cerebral aneurysms

Kivilcim Yavuz, M.D., Serdar Geyik, M.D., Almila Gulsum Pamuk, M.D., Osman Koc, M.D., Isil Saatchi, M.D., and H. Saruhan Cekirge, M.D.

- A:** Initial diagnostic left VA angiogram, demonstrating a ruptured mid-BA wide-necked aneurysm and vasospasm of the BA.  
**B:** Nonsubtracted view showing deployed but not detached SOLO\* stent in the BA across the aneurysm neck. Three distal radiopaque markers are indicated by arrows. A 4x7 mm HyperForm™ Balloon (arrowheads) was positioned within the stent from the contralateral VA. The aneurysm was then embolized with stent- and balloon-assisted coil insertion, and detachment of the stent was accomplished after endosaccular coil placement.  
**C:** Immediate post-treatment angiogram exhibiting complete occlusion of the aneurysm.  
**D:** Six-month follow-up angiogram, revealing stable complete occlusion.



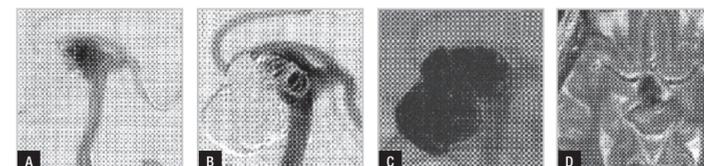
### Liebig, Henkes

Neuroradiology, 2006

A Novel Self-Expanding Fully Retrievable Intracranial Stent (SOLO\*): Experience in Nine Procedures of Stent-Assisted Aneurysm Coil Occlusion

Thomas Liebig, Hans Henkes, Jörg Reinartz, Elina Miloslavski, and Dietmar Kühne

- Progress of the treatment in patient 1 **A, B** and pretreatment T2-W transverse MRI scan **D**. Initially, the aneurysm was selected with a microcatheter for coil delivery **A**, followed by the deployment of the first of two SOLO\* stents and a number of loosely fitting coils **B**. Finally, another SOLO\* stent was placed almost entirely overlapping the first, and the aneurysm was roughly 90% occluded with a total of nine coils **C**.



\* SOLO is now Solitaire AB.

## The difference is in the design

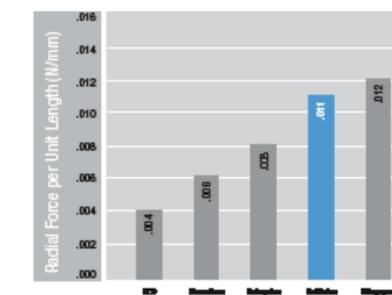
### Flexibility / lumen conformability

The unique overlap design of Solitaire AB gives flexibility and allows for conformance to the vessel while minimizing straightening of the vessel

### Radial force

Solitaire AB has a radial force that allows for flexibility and optimal coil mass support due to:

- **Closed cell design** Uždarų akuciu tipo dizainas
- High cell deformation resistance



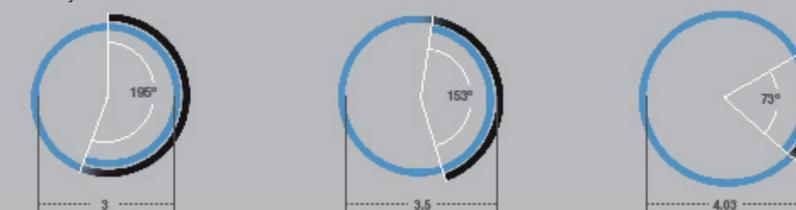
### Wall apposition

Due to its unique overlap design, Solitaire AB provides excellent wall apposition for stability in the vessel and radial strength to support the coil mass



### Cell overlap

The Solitaire closed cell design provides optimum scaffolding to prevent coil herniation into the parent artery



Solitaire AB Cell Overlap for various vessel diameters for 4 mm device