

Does the Wire Matter ?
***Which wire to use to bring
the sheath up ?***

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Disclosure

Klaus Mathias received:

- funds for trials from Abbott, Boston Scientific, Braun, EV3, Gore, Medtronic
- honorarium as consultant and for courses and lectures from Abbott, Bard, Boston Scientific, Braun, Cordis, EV3, Gore, Medtronic

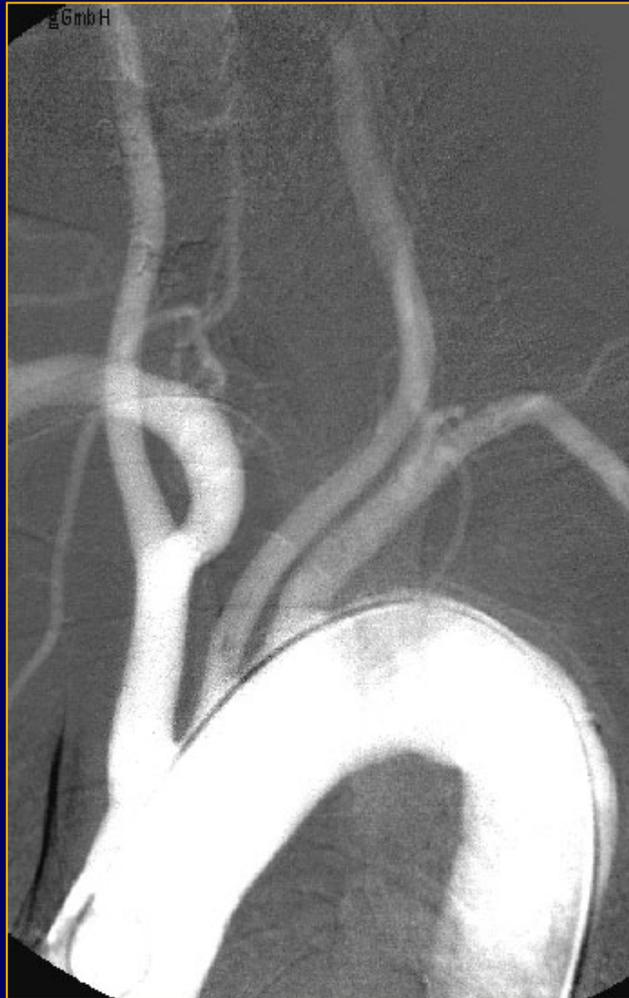
No conflict of interest in this presentation!

When does the guide wire matter ?

- *Elongated aortic arch*
type II and III
- *Ostial stenosis*

Access is gained with nearly every catheter and guide wire in type I aortic arches.

Type III Aortic Arch



What are necessary qualities ?

- ❖ **Visibility**
- ❖ **Controlled torsion**
- ❖ **J-tip**
- ❖ **Flexible distal end**
- ❖ **Sufficiently stiff shaft**

Anchor Technique

- Diagnostic catheter
- Terumo J wire up to ECA
- Catheter pushed in ECA
- Stiff guide wire replaces glide wire and catheter
- Sheath advanced in CCA

2 guide wires used.

Telescoping Technique

- **Soft J-tip**
- **Stiff shaft**



My choice: Terumo™ stiff shaft glide wire

Telescoping Technique

High flexibility for elongated
aortic arch and CCC



Stiff Shaft GLIDEWIRE®

Glidewire

Know the risks ...

- ❖ Dissection, e.g. iliac artery
- ❖ Perforation of sidebranches

*Keep the tip of the wire under
fluoroscopic control when you
move the wire.*

Buddy Wires

When a 0.035" wire can not be navigated to the target switch to 0.014" wires.

We have:

- ❖ Coronary wires
- ❖ Neuroradiological wires.

What is the difference?

Buddy Wires

Coronary wires:

- ❖ Short flexible tip
- ❖ Stiff shaft

Neuroradiological wires:

- ❖ Long flexible tip
- ❖ Less stiff shaft

Buddy Wires

My choice:

- ❖ Soft - Transend™
- ❖ Stiff - Choice PT extra-support™

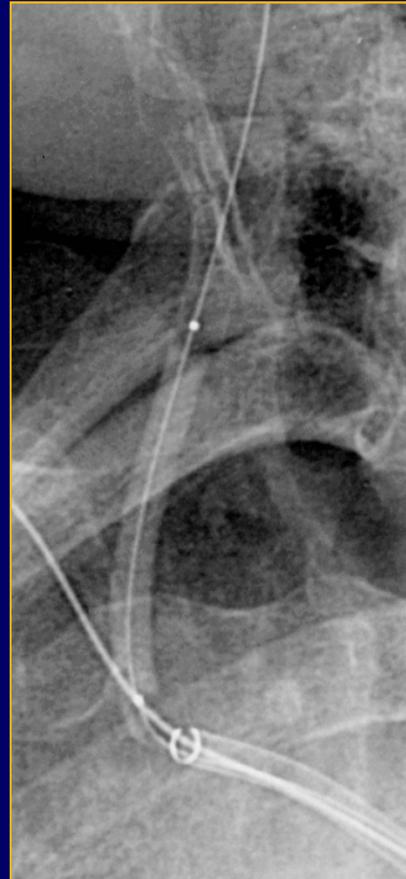
There are numerous wires with similar attributes.

Buddy Wires

I use a buddy wire technique routinely in tx of the right vertebral artery ostium.

**Purpose:
Stabilisation of the sheath
in the right subclavian artery**

Buddy Wire Technique



Make your choice !



We have good devices.