

GOBACK CATHETER VIDEO TRANSCRIPT **GoBack as a Crossing Device**

The GoBack Catheter serves as a crossing device for cross-over, antegrade and retrograde approaches.

When using the GoBack as a crossing device, the first two positions on the needle length selector are most applicable.

As a crossing device, the GoBack is deployed with just a slight needle protrusion. When the catheter reaches the CTO, its sharp tip punctures the proximal cap and penetrates the occlusion, thus opening a path for the guidewire.

Within an occlusion, the GoBack is capable of redirecting a guidewire. If the wire is tracking in the wrong direction, the curved needle can be extended further allowing the GoBack to be used as a directional device. The radial orientation of the needle can be changed by rotating the GoBack Catheter, creating a new channel within the CTO for the guidewire to track. With this technique, the guidewire can be steered and maneuvered through plaque while remaining in the true lumen.

To control the direction of the needle, attention should be paid to the radio opaque C-shaped marker on the needle. It indicates the direction of the needle tip. Specifically, the open side of the C indicates the direction of the needle tip. The marker is fused to the needle and is easily visualized under X-Ray. Advancement of the needle correlates with the advancement of the C shaped marker. For optimal visualization of the marker, the guidewire should be pulled back proximal to the C shaped marker.

The GoBack has great pushability and torquability to get through occluded stents and long calcified lesions.

For the crossover approach, the 120 centimetres length GoBack Catheter would be advised. Select either the 2.9 French GoBack with a 5 French sheath, or the 4 French GoBack with a 6 French sheath.

When crossing a tight iliac arch with the 4 French device, it is recommended to use the following maneuver.

Start the procedure with a long 6 French sheath and the 120 centimetres 4 French GoBack catheter.

- Advance the GoBack until it cannot be advanced further over the iliac arch.
- Pull the sheath, together with the GoBack catheter, backwards a few centimeters.
- While holding the sheath in place, advance the GoBack catheter forward until it can no longer advance.
- Then push both the sheath and the GoBack together a few centimeters, and the GoBack will crossover smoothly.