

"The TRAP system". The protection system or just a system.

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Distal protection to prevent the no-reflow phenomenon which can be occurred in degenerated aortic venous grafts and is still a big complication during intervention of vein grafts, is something what reasonable new is the last years.

There are several filters against anti-embolization:

- The Epifilter
- The Percusurge Device
- Mednova NeuroShield
- Parodi anti-embolization catheter
- The Angioguard
- The TRAP system

The indications to use this protection devices are:

- 1] Degenerated vein grafts
- 2] Carotid artery stenting

And in the future after randomized trials:

- Acute Coronary Syndroms
- Acute Myocardial infarctions

The TRAP system exist:

- Device Wire Filter Basked
- Delivery Catheter
- Recovering Catheter and Funnel

The use of the system is three simple steps:

- 1] Delivery Phase
- 2] Intervention/Capture phase
- 3] Recovery phase.

To test the system, a European Study was done. 33 Patients enrolled all with stenosed vein grafts. In all the patients the system was successful used.

In 35/36 basked was embolic material visible; 75% (27/36) patients had a thrombus; 46% (17/36) had athero-embolic material and only 2 patients had elevated enzymes post-procedure.

The TRAP generation 2 will be now tested and this system will be 6 and 7 French compatible and the capacity of the basked will be 2 times higher.

So, it can possible better used in the normal coronary tree. The new European study will show these possibilities.