

# Technical Sheet (US)

## The ALN Optional Vena Cava Filter

- Permanent and/or temporary Prevention of Pulmonary Embolism
- 3 approaches: jugular, brachial, femoral
- 3T MRI Conditional
- CE Mark 0297
- FDA Approved

### The ALN Optional Vena Cava Filter Kit contains:

- ✓ The **ALN Optional Vena Cava Filter** in its **holder**
- ✓ An **introduction system** (dilator, introducer sheath and pushing catheter)
- ✓ A **puncture needle**
- ✓ A **J-guidewire**

**1. Anchoring level/Upper level** is comprised of 6 legs. Their distal tip is curved in a hook shape allowing an efficient anchorage.

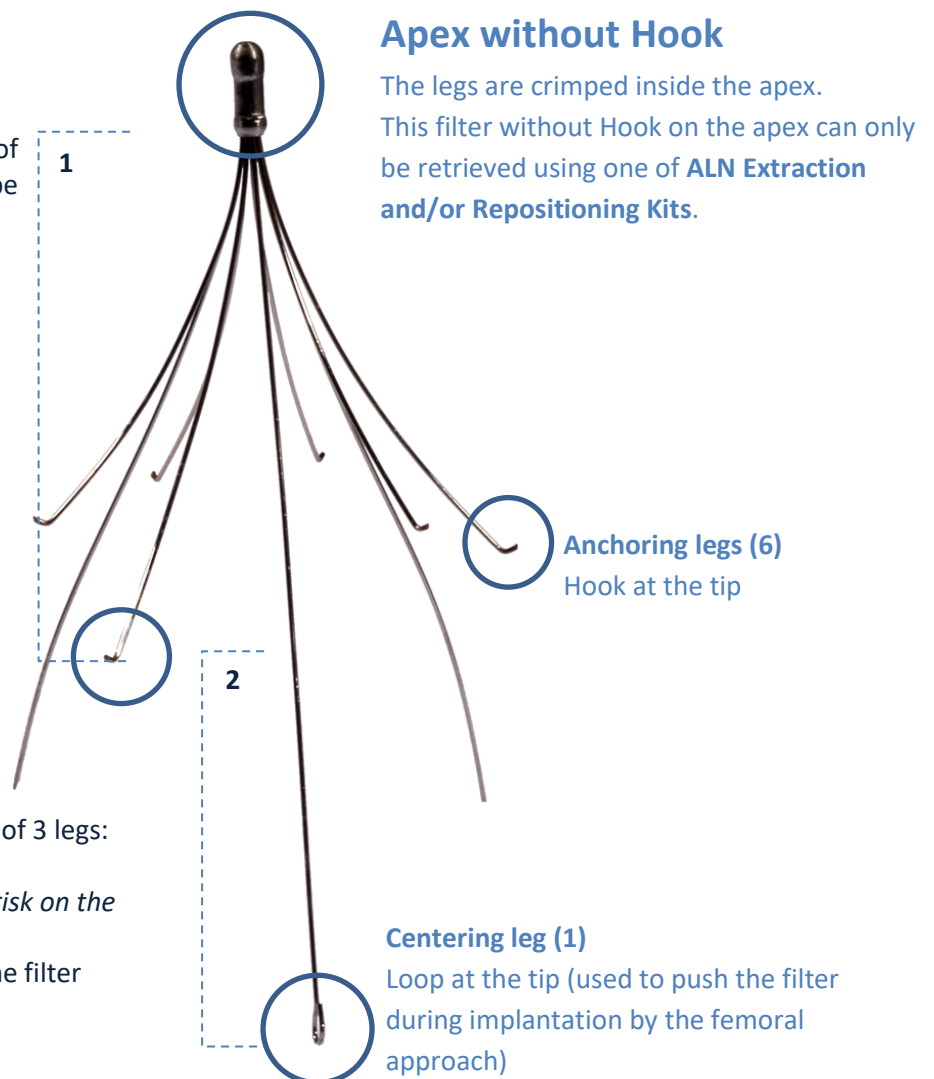
**9 legs** of different length

→ To minimize the risk of legs interlacing

**Centering legs (2)**  
Tapered tip

**2. Centering level/Lower level** is composed of 3 legs:

- ✓ 2 legs with tapered tip  
⇒ *Intended to reduce traumatic risk on the wall*
- ✓ 1 leg with a loop allowing to push the filter during femoral implantation

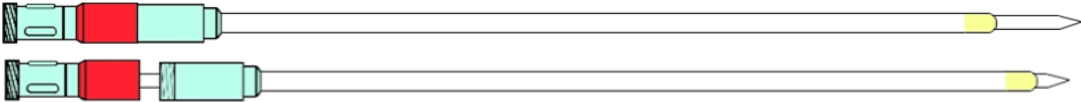
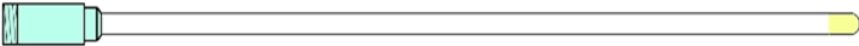
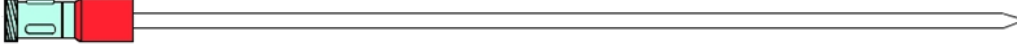
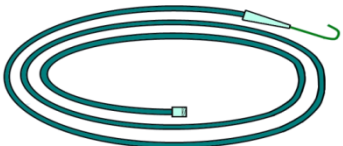


### Parameters of the Filter

| Leg's diameter (mm) | Material                    | Maximum diameter of the vena cava (mm) | Filter's length (mm) |
|---------------------|-----------------------------|----------------------------------------|----------------------|
| 0,3                 | Stainless Steel<br>316 LVM* | 32                                     | 55                   |

\*ISO 5832-1

## Implantation Kit of the ALN Optional Vena Cava Filter

| Approaches                                                                                                                                         | Jugular                                                                                                                                                                                                                                                         | Femoral                                                                                                                                 | Brachial                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code                                                                                                                                       | FJ.120096                                                                                                                                                                                                                                                       | FF.010995                                                                                                                               | FB.010500                                                                                                                                |
| Filter holder                                                                                                                                      | <br>Push system                                                                                                                                                                | <br>Push system                                       | <br>Push system                                       |
| Introducer sheath & Filter holder                                                                                                                  | <br>Screw with a Luer lock system:<br>Perfect binding                                                                                                                          | <br>Screw with a Luer lock system:<br>Perfect binding | <br>Screw with a Luer lock system:<br>Perfect binding |
| <b>Introduction system: Dilator in the introducer sheath</b><br> |                                                                                                                                                                                                                                                                 |                                                                                                                                         |                                                                                                                                          |
| Introducer sheath                                                                                                                                  | <br>Radio-opaque marker band ————— $\varnothing$ Internal: <b>7F</b><br>No haemostatic valve <span style="float: right;"><math>\varnothing</math> External: <b>9F</b></span> |                                                                                                                                         |                                                                                                                                          |
|                                                                                                                                                    | Length: 600 mm                                                                                                                                                                                                                                                  | Length: 600 mm                                                                                                                          | Length: 1200 mm                                                                                                                          |
| Dilator                                                                                                                                            | <br>$\varnothing$ interne : <b>3F</b> <span style="float: right;"><math>\varnothing</math> externe : <b>7F</b></span>                                                       |                                                                                                                                         |                                                                                                                                          |
|                                                                                                                                                    | Length: 660 mm                                                                                                                                                                                                                                                  | Length: 660 mm                                                                                                                          | Length: 1260 mm                                                                                                                          |
| Pushing catheter                                                                                                                                   | <br>Black marker <span style="float: right;"><math>\varnothing</math> externe : <b>7F</b></span>                                                                            |                                                                                                                                         |                                                                                                                                          |
|                                                                                                                                                    | Length: 614 mm                                                                                                                                                                                                                                                  | Length: 614 mm                                                                                                                          | Length: 1214 mm                                                                                                                          |
| Puncture needle                                                                                                                                    | <br>$\varnothing$ : <b>17G</b>                                                                                                                                               |                                                                                                                                         |                                                                                                                                          |
| J-guidewire                                                                                                                                        | $\varnothing$ : <b>0.035 "</b><br>J Radius (mm) : 3<br>Length : <b>150 cm</b> (FJ.120096, FF.010995)<br><b>180 cm</b> (FB.010500, FP.012013)                                                                                                                    |                                                                                                                                         |                                                                                                                                          |
|                                                                                                                                                    |                                                                                                                                                                            |                                                                                                                                         |                                                                                                                                          |

Sterilization by ethylene oxide