

VENA CAVA FILTER

ALN Extraction and/or Repositioning Kit
ALN 2 in 1 RS: RK-2010

New pincer!
Simplified Procedure
High level of Security



Extraction procedure (Jugular route)

1

Slide the **Dilator** and **9F Introducer Sheath** assembly over the **J guide** and position the radio-opaque ring 5 cm above the filter apex. Remove the **J guide** and the **Dilator** by unscrewing the red luer lock connector by one quarter counterclockwise



2

Move the pincer inside its **7F Sheath** by rotating the yellow Luer Lock counterclockwise to unlock, then pulling it for about 5 cm. Insert the **Pincer Catheter** into the **9F Introducer Sheath**



3

Push, then lock the **Pincer Catheter**'s yellow Luer Lock, rotating it clockwise to release the curved section, which is then in curved position, along with the pincer's hooks



4

Lower the **Pincer Catheter** over the apex of the filter and ensure that the **Pincer Catheter** is fully in contact with the apex of the filter



5

Push the **Introducer Sheath** until the colored mark on the **7F Pincer Catheter Sheath** is visible



6

Remove the **Pincer Catheter** until the second mark is visible. Extract the filter from the **9F Introducer Sheath** by pulling on it firmly. Perform a venogram using the **9F Introducer sheath**. Remove the **9F Introducer Sheath** and stem the bleeding at the puncture site



Ability to change the angle of the pincer depending on the position of the ALN Optional Vena Cava Filter inside
When the **9FR ID Introducer Sheath** is lowered by 1cm, the angle of the curved section decreases. When the **9FR ID Introducer Sheath** is lowered by 1.5cm, the **ALN 2IN1 RS** is straight



Repositioning procedure (Jugular route)

1



2



3



4



5



6

Position the **9F Introducer sheath** approximately 55 mm (60 mm with an ALN Optional Vena Cava Filter with Hook) below the lowest renal vein if prior tests have confirmed possible placement beneath the lowest renal vein



7

While immobilising the **Pincer handle**, slide the **9F Introducer Sheath** over the **Pincer catheter** by imparting a slow and smooth retrieval motion (towards yourself) until the Pincer is free

8

Pull the handle to move the pincer away from the filter apex. To remove the **Pincer Catheter**, lower the **9F Introducer sheath** onto the **Pincer Catheter** until it is completely covered (2 cm). Remove the **Pincer Catheter**. Perform a control cavography. Remove the **9F Introducer Sheath** and stem the bleeding at the puncture point

Retrieval Procedure