



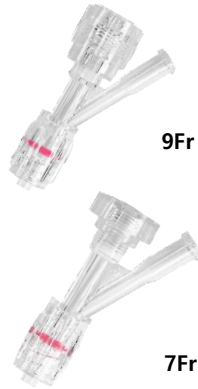
Product Introduction

**Ace Air Vent
RHV**

- ▶ 9Fr / Push-Pull type
- ▶ Body length : 95mm
- ▶ Air Vent button installed
- ▶ Independently rotating double-locking head preventing twist of multiple catheters
- ▶ Detachable divider securing easy operation of 2 catheters
- ▶ Ergonomically designed grip & stand

**Triple
RHV**

- ▶ 9Fr / Screw type
- ▶ Body length : 78mm
- ▶ 2 heads allowing of inserting multiple catheters & wires
- ▶ Optimized side port location preventing blood backflow and movement of catheter

**Mini
RHV**

- ▶ 9Fr,7Fr / Screw type
- ▶ Body length : 53mm
- ▶ Compact size suitable for multi connection with different sized RHVs

**Original
RHV**

- ▶ 9Fr / Screw type
- ▶ Body length : 80mm
- ▶ Worldwide Standard sized 9Fr RHV

**Basic
RHV**

- ▶ 5Fr / Screw type
- ▶ Body length : 75mm
- ▶ Worldwide Standard sized 5Fr RHV

**Y-nut
RHV**

- ▶ 7Fr / Screw type
- ▶ Body length : 63.5mm
- ▶ 'A' Company's product specification applied

ACE AIR VENT RHV

What is ACE AIRVENT?

RHV with AIR VENT for No Air Bubble

Why ACE AIRVENT?

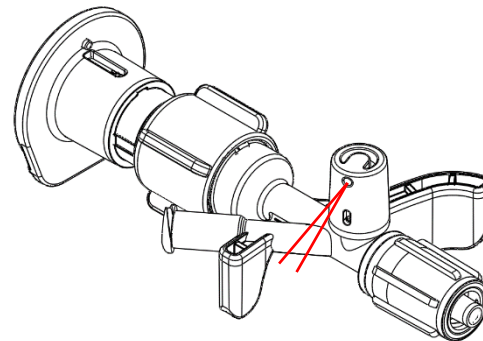
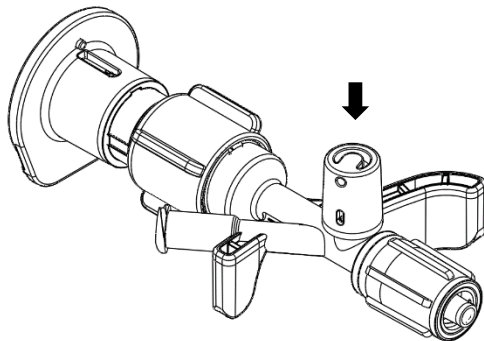
- * New concept RHV with upgraded technology & design maximizing usability
- * Invented & clinically tested with major hospitals → Product quality verified

Features

1) AIR VENT button Installed

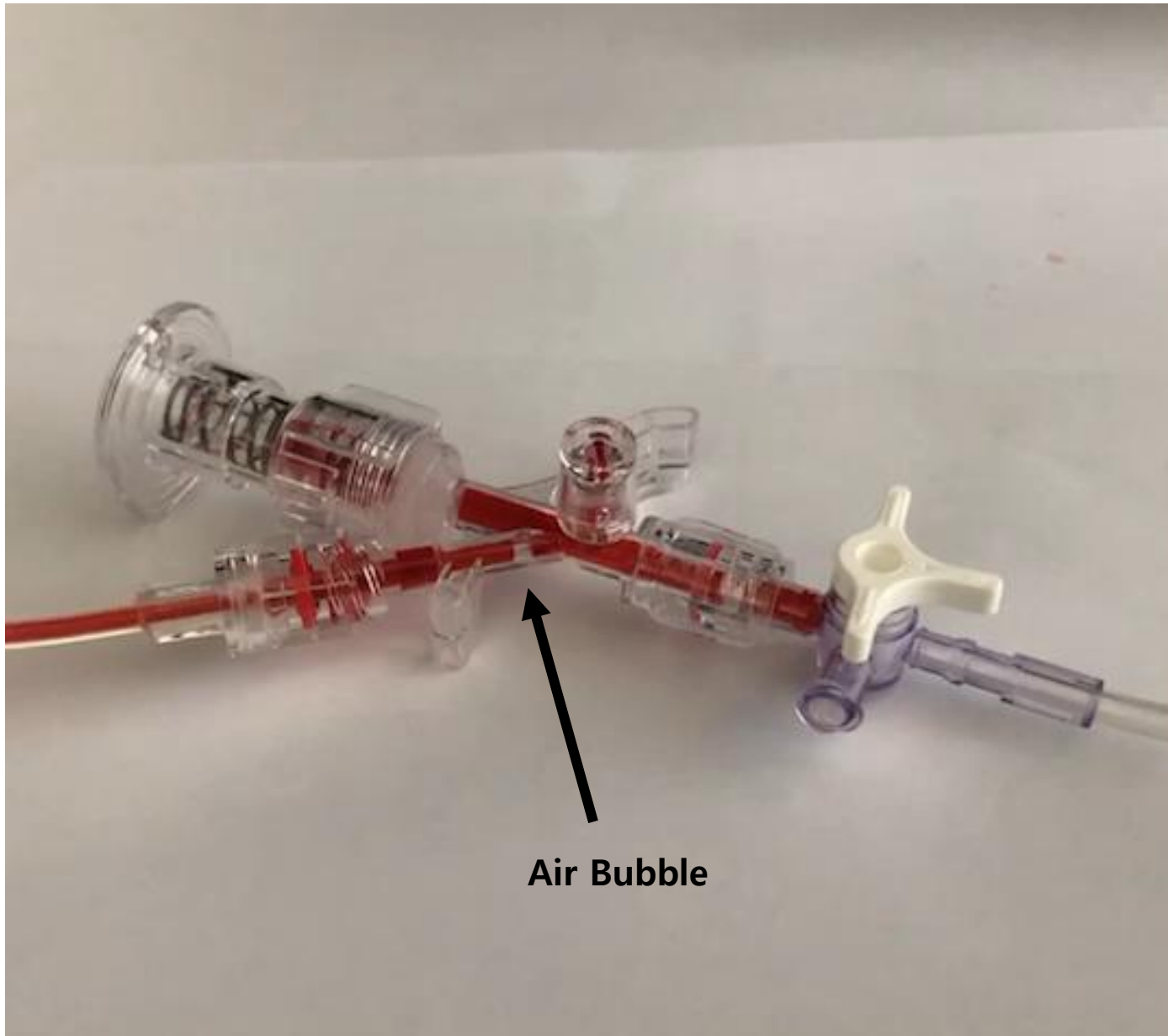
→ Inner air bubble caused by insertion of catheter can be removed easily **just by pushing air vent button on body**

: Minimizing air bubble stress for operator



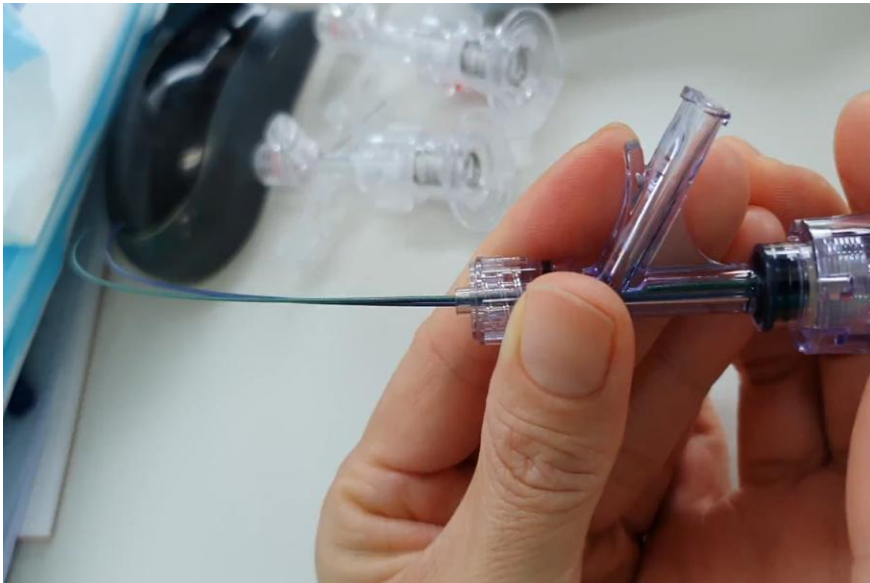
World
First

ACE AIR VENT RHV



2) Independently rotating valve head

➔ Specially designed valve head preventing twist of multiple catheters when rotating for screwing or unscrewing



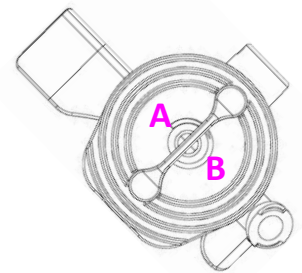
< A Company >



<ACE AIR VENT RHV>

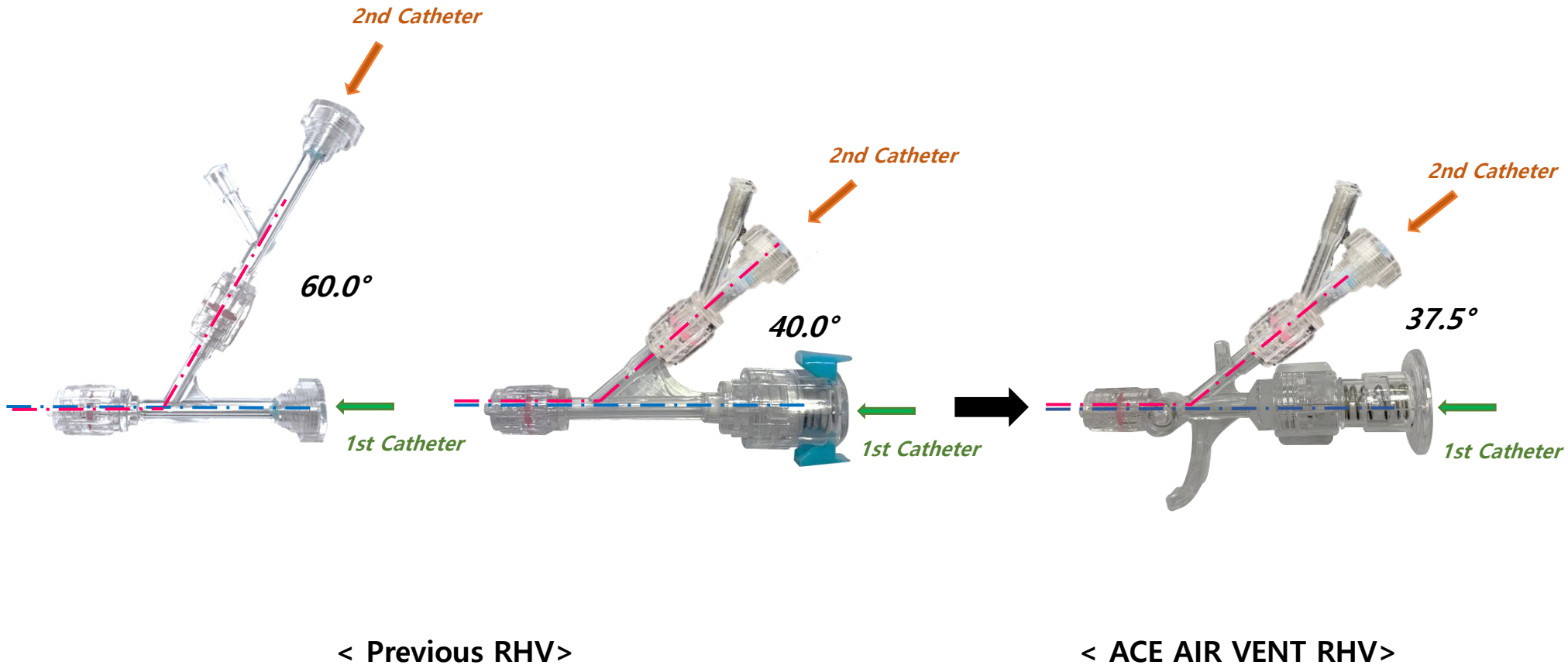
3) Detachable divider for easy operation

→ Detachable divider allows operator to recognize different catheters in same shape anytime



4) New side port angle for ACE AIR VENT RHV

➔ Optimized side port angle for multiple RHV & 2nd catheter

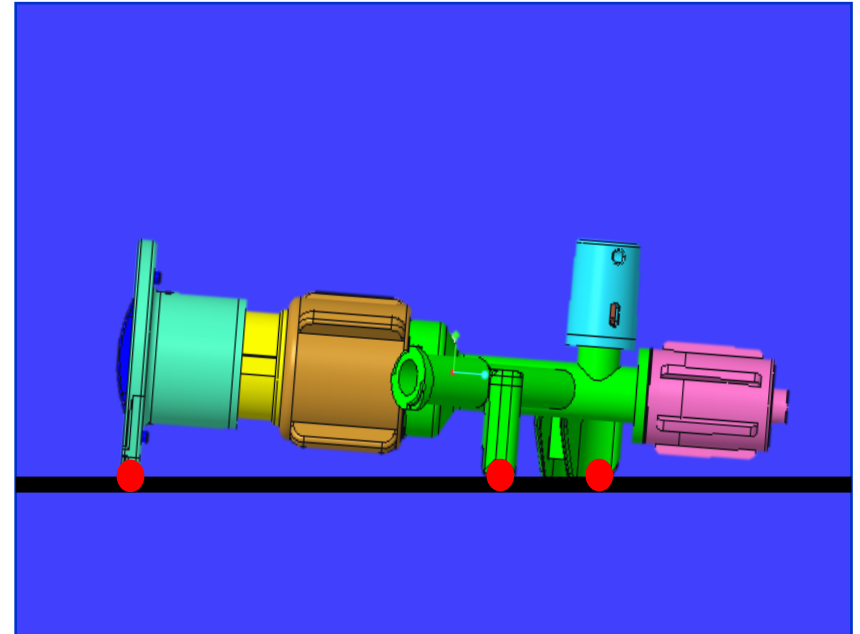


※ Easy grip & Stable positioning

- ➔ One-hand grip available for ergonomically designed structure
- ➔ Stable positioning secured with 3 supporting stands



< One-hand Grip >



< Stable Positioning >

What is mini RHV?

Compact sized RHV with 7Fr & 9Fr lumen

Features

mini RHV

7 mini RHV



9 mini RHV

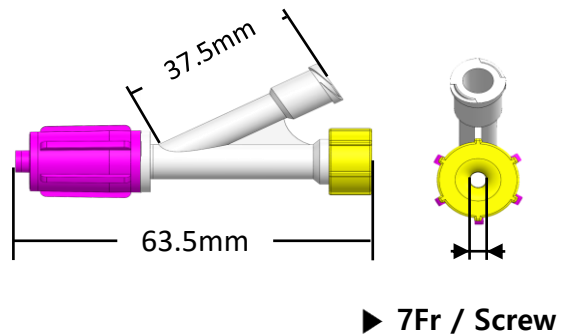


- ▶ Short body length(50mm) with 7Fr / 9Fr Lumen
- ▶ Easy to remove air bubble inside when using with ACE AIR VENT RHV
- ▶ Short body minimizing the length for catheter and allowing catheter to reach at lesion point easily
- ▶ Valve cap not coming off even when fully unscrewed

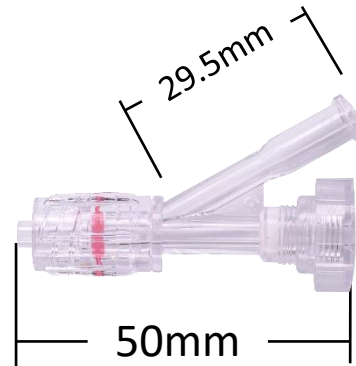
1) Optimized body length

- ➔ Compact body size suitable for various treatment cases
- ➔ Short body minimizing the length for catheter and allowing catheter to reach at lesion point easily

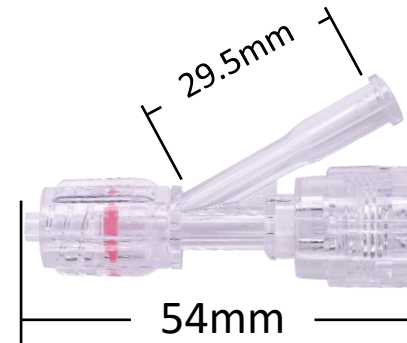
A company's RHV



7 mini RHV

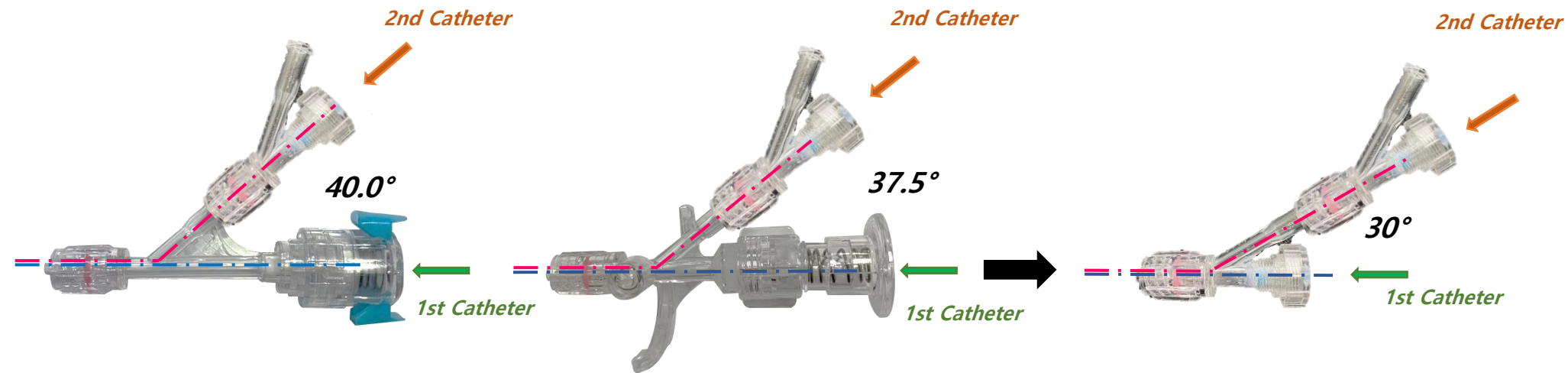


9 mini RHV



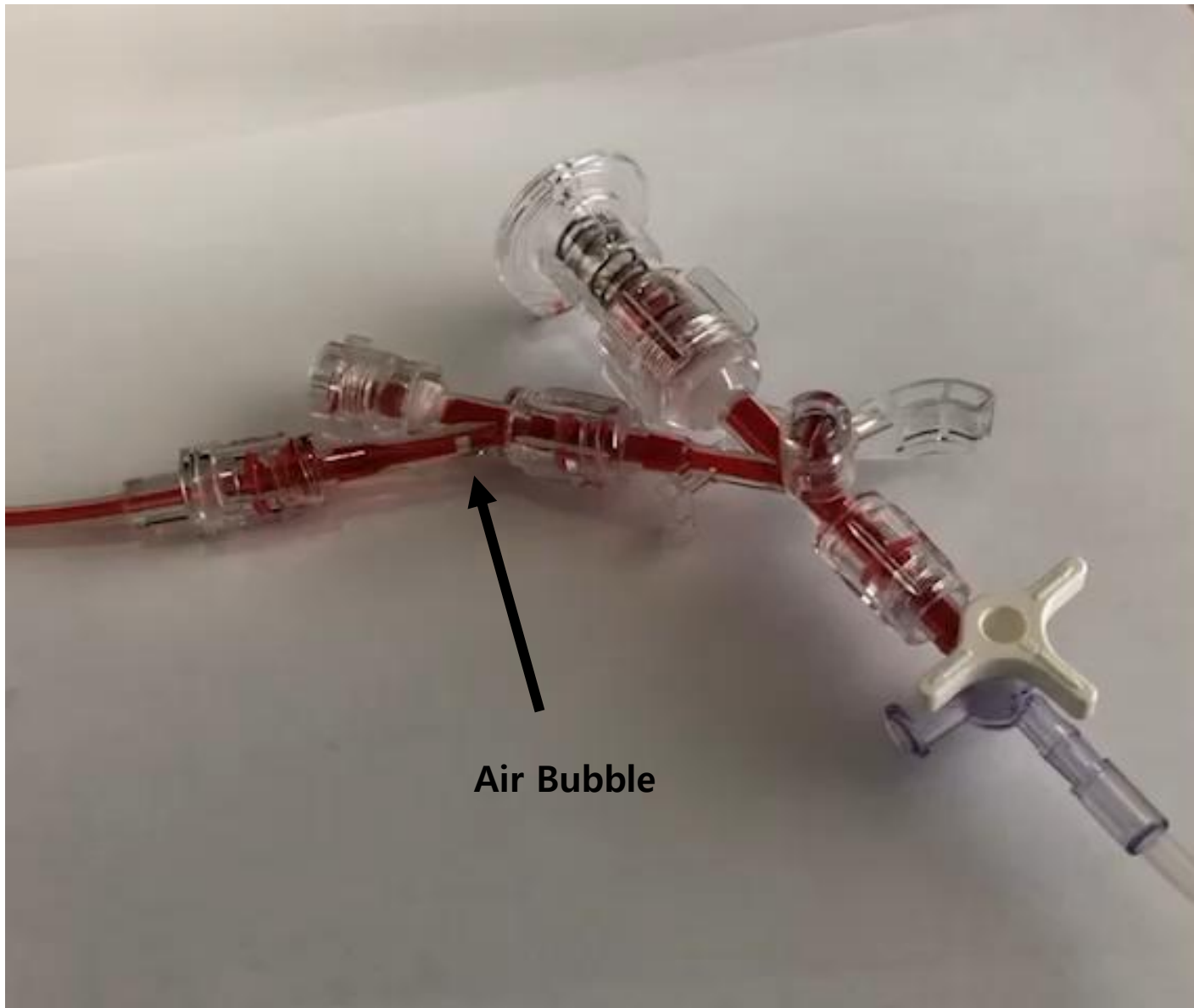
2) New side port angle for mini RHV

→ Optimized side port angle for multiple RHV & 2nd catheter



< Previous RHV >

< mini RHV >



Synergy Aspirator

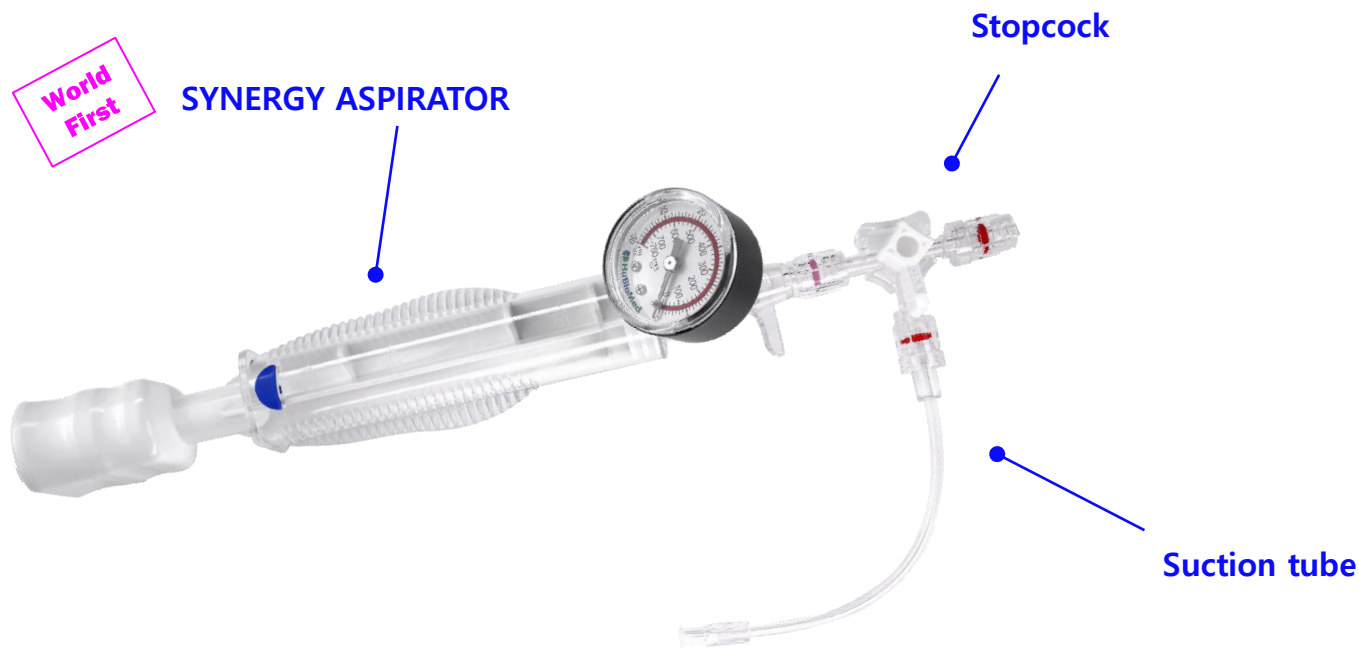


- ▶ Easy to remove thrombus in blood vessel
- ▶ Compatible with all types of catheter in the market
- ▶ Quick preparation available for emergency patient
- ▶ Intuitive negative pressure meter allowing operator to check thrombus out easily with its needle moving
- ▶ Locking system with interval stopper preventing leakage & operator's errors

SYNERGY ASPIRATOR

What is SYNERGY ASPIRATOR?

- Manually operated device aspirating thrombus in blood vessel



Product	Description
SYNERGY ASPIRATOR	Thrombus aspirator with negative pressure meter & 60cc capacity syringe
Stopcock	Adapting part connecting SYNERGY ASPIRATOR with other devices
Suction tube	High pressure suction tube connected with SYNERGY ASPIRATOR

SYNERGY ASPIRATOR

Why Synergy Aspirator?

- Synergy Aspirator is the 1st aspirating device manually operated in any medical circumstances whereas most of aspirators in the market have motors which require longer preparation time than Synergy Aspirator and work in specific cases only
- Invented and clinically tested with major hospitals to secure product quality & safety



(P Company)

Comparison

Motor-based Aspirator	SYNERGY ASPIRATOR
✓ Long prep time & operator's assistant required before/after use (Checking thrombus & blood capacity, Syringe cleaning after use and etc.) ✓ High level of blood loss * Not noticeable on changes of negative pressure and stoppable until catheter comes out of patient body	✓ Quick preparation available for emergency patient ✓ Intuitively recognizable on thrombus by checking negative pressure meter ✓ Operable by one person ✓ Locking system with stopper maximizing Synergy Aspirator's usability -> Stopper operating for 3 capacity options(15cc, 45cc, 60cc) ✓ Great solution for aspiration in saphenous vein

SYNERGY ASPIRATOR

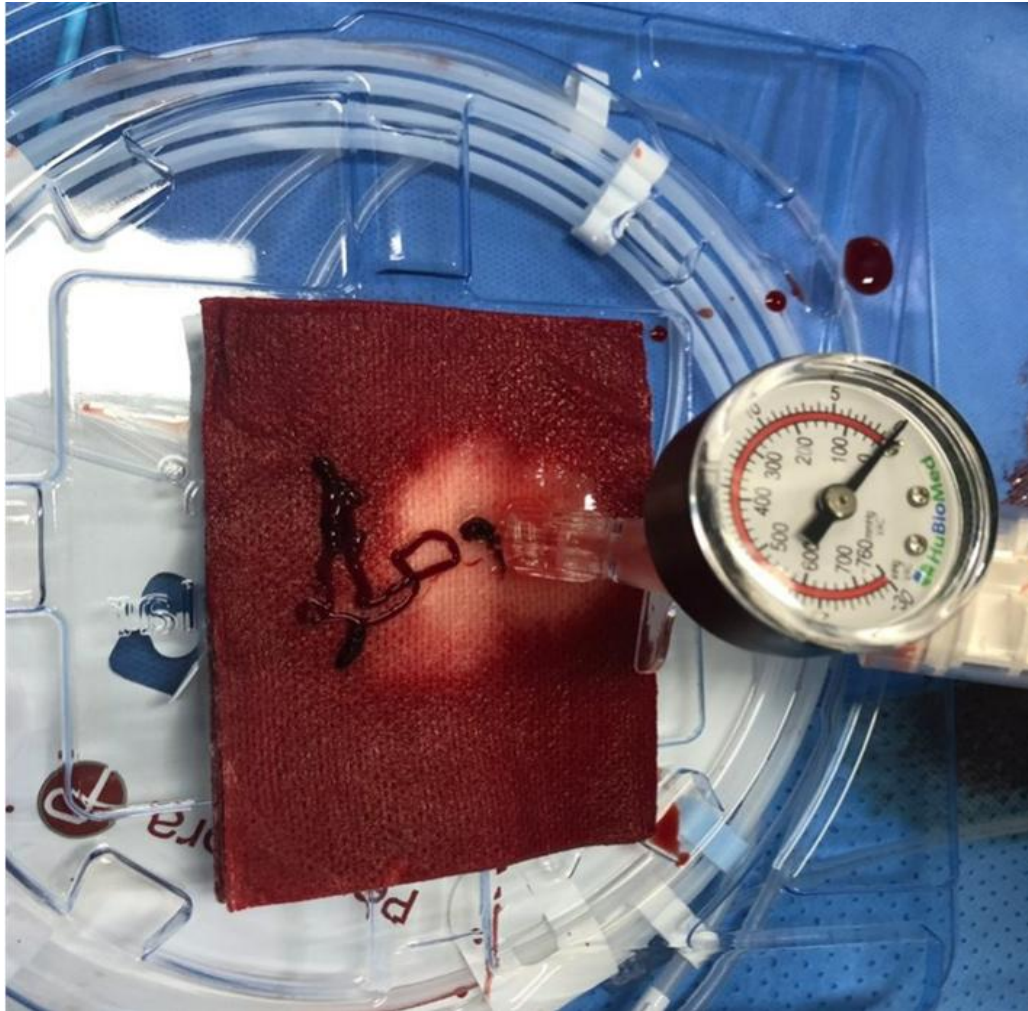
How to operate-1



How to operate-2

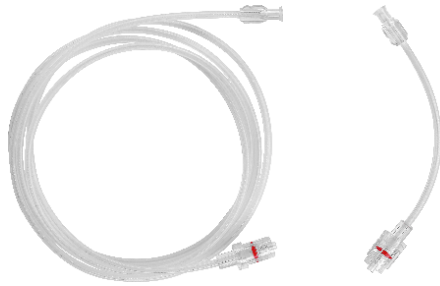


Clinical photo



➔ Sufficient suction power
: Fatal amount of thrombus out
in one-go

Extension Line



- ▶ Used for contrast media on interventional procedure
- ▶ Made of Polycarbonate, Polyurethane which are strong for chemicals
- ▶ Braided Type 1,500psi, 1,200psi (MAX) / non-Braided Type 500psi (MAX)
- ▶ Rotating Luer applied for preventing twist
- ▶ Various product length available based on customer demands(100~2600mm)

Manifold



- ▶ Designed to withstand 500psi(34 bar)pressure
- ▶ Easy to connect with control syringe & extension line
- ▶ Rotating luer allows operator to connect with other devices easily
- ▶ 1~3 port type available
- ▶ On/Off Type

Control Syringe



- ▶ 3 optional capacity(8ml, 10ml, 12ml) available
- ▶ Made of polycarbonate which is strong for chemicals
- ▶ Designed for easy injection with wing-shaped plunger
- ▶ Rotating luer allows operator to connect with other devices easily

1 way / 3 way stopcock



- ▶ No melting against anticancer drug
- ▶ 2 type(1way & 3way) available
- ▶ Invented with SNU and clinically tested with major hospitals

THANK YOU

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