

## **Internal Training Material**

### **Set up**

- ✚ Set up the air compressor.
- ✚ Grab the mixing chamber and catheter together with one hand as shown in below picture to avoid kink of catheter.
- ✚ Check three connections if they are firmly connected: air filter/connecting tube; connecting tube/air inlet; mixing chamber/catheter)

### **Prepare & Insert**

- ✚ Hold air/powder mixing chamber upright when connecting with the powder dispenser, and maintain this upright position during whole preparation and insertion process.
- ✚ Pump some air into working channel by using an empty syringe (50ml) if the physicians believe the working channel is quite wet.
- ✚ Before inserting the catheter into the working channel, air compressor **MUST** be turned on and in "H" mode to minimize the possibility of catheter occlusion caused by fluid or blood getting inside the catheter.

### **Spray**

- ✚ Avoid direct contact of the catheter tip end with the lesion or mucosa and keep the tip of the catheter about 1cm away from the bleeding site during spraying.
- ✚ Incline mixing chamber with angle about 45 degree

when start with a new bottle of powder. DO NOT compress the dispenser, instead, tap AMP particle dispenser gently and keep air inlet at the top of catheter during spraying.

- ✚ To stop, return the mixing chamber back to upright position. Repeat 4 again if physicians want to spray the particles again, the less powder left in the dispenser the steeper the tilting angle should be.

### **Withdraw**

- ✚ Turn off air compressor before withdrawing catheter.

### **Notes**

- ✚ Replace the catheter with a spare one if there is no powder coming out though all the steps are correctly followed.