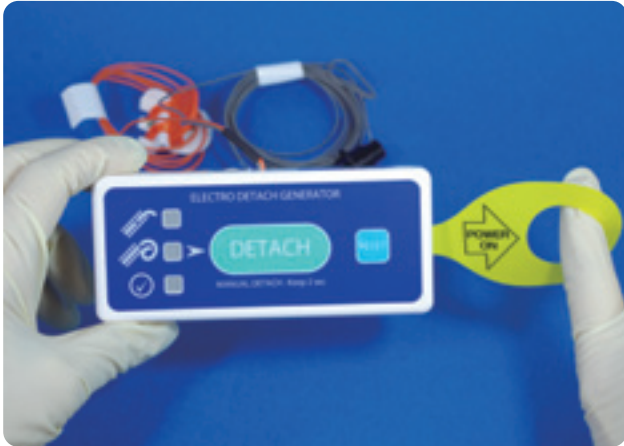


# ED COIL by using EDG v4 Operating Procedures



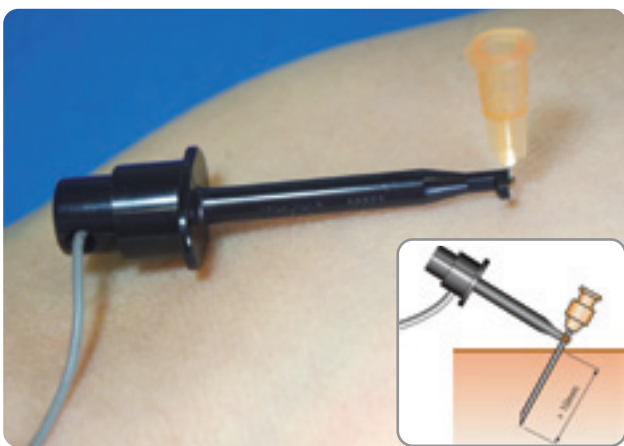
## Set Up

### Power On



Pull off the POWER ON ribbon and the EDG v4 is powered on.

### Connecting the Patient-side Clip

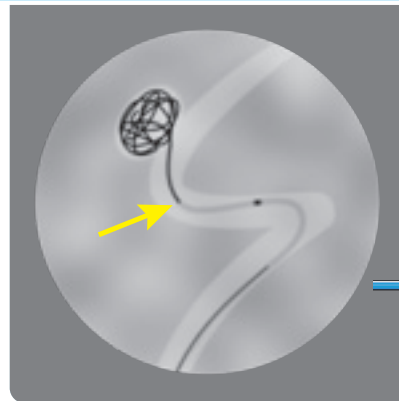


Connect the Patient-side Clip to a hypodermic needle (made of stainless-steel without resin-coating / 20-22G) placed on the patient.

\* Hypodermic needle shall be inserted at least 10 mm deep into the thigh or the groin of the patient.

## Operating method

### 1. Detaching Part Detection



When the detaching part of the ED COIL has passed the second marker of the microcatheter, connect the ED clip to the end of the pusher. The detection system is activated, and the red lamp is lit and the buzzer beeps.



### 2. Detach Point



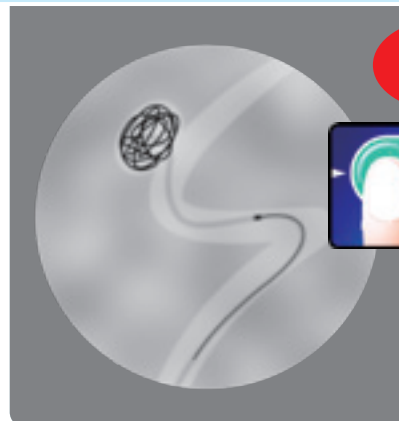
When the detaching part comes out of the microcatheter, the red lamp turns off, the green lamp is lit, and the buzzer beeping stops.



In case the green lamp is lit while the detaching part is still within the microcatheter, press the RESET button to restart detecting the detaching part.



### 3. Detaching Output



Press both DETACH buttons simultaneously while the green lamp is lit, and the detaching output is generated for 5 seconds. While the detaching output is generated, the green lamp blinks and the buzzer beeps intermittently.

In case it becomes necessary to detach the coil while the red lamp is lit, press and hold the both DETACH buttons for longer than 2 seconds to generate a detaching output.

## Alert Signals with Lamps (Information & Counter Measures)

### While connecting the ED Clip



#### Red lamp blinking

Indicates a possibility of bad Clip-connections. Check the Clip-connections.



#### Orange lamp blinking

Indicates a possibility of a current leak. Check the Clip-connections.



#### 3 lamps blinking simultaneously

Indicates a low battery status. Stop using this EDG v4 and use a new one.

### While manipulating the ED COIL

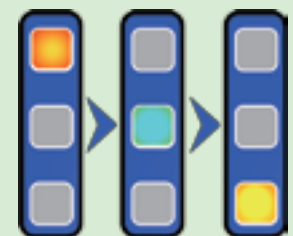


#### Orange lamp lit

Indicates a possibility that the electrode of the ED COIL is contacting the coil and a short circuit occurs. Pull back the ED COIL slightly until the green lamp comes on.



### After generating detaching output



#### 3 lamps lighting sequentially

The RETRY sign: Adjust the position of the detaching part of the ED COIL and try again the detachment (press both DETACH buttons simultaneously) while the green lamp is lit.