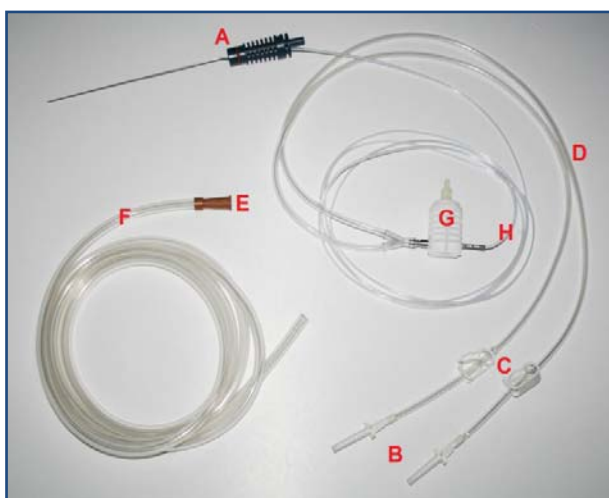


How to use the Biofill applicator and the Biofill cannula together with the body-jet® evo

The **Biofill applicator** and the **Biofill cannula** are special instruments specifically provided for the autologous fat graft of small adipose tissue volumes.

Biofill applicator



- Length: 3000 mm
- Nozzle diameter: 200 µm
- Material of the infiltration tube: PUR
- A Hand-piece with centered capillary tube
- B Pricking pin with protection cap
- C Tube clamp of the transfer tubing
- D Transfer tubing with two transfer tubes
- E Tube socket
- F Suction tube
- G Infiltration pump with piston
- H Infiltration tube

Biofill cannula



- Working length: 15 cm with short handle
- Diameter: Ø 3,5 mm
- Suction holes: 2 long holes, each 2 x 7 mm
- I Cannula tube
- K Bypass hole

Specific characteristics of the Biofill applicator system

Appearance and handling

The hand-piece of the Biofill applicator is blue-colored.

The nozzle capillary of the Biofill applicator is shorter so that only a suitable Biofill cannula must be used.

Due to its elasticity the infiltration tube of the Biofill applicator expands and contracts again, so that always some fluid drops from the Biofill cannula.

Even if the foot-bellows for water jet generation is not actuated any longer, fluid continues coming out of the Biofill cannula for some seconds.

The suction tube that is included in the sterile packaging must be manually attached to the hand-piece of the Biofill applicator.

Software

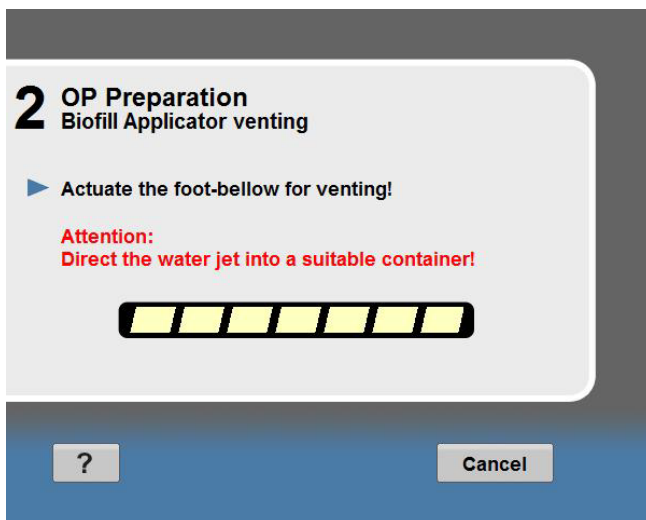
The Biofill function is integrated and activated in all body-jet® evo devices equipped with the **software version 1.1.1 and higher**.

When using the Biofill function, the air detection is deactivated. All other error detection features remain active.

Operation

The operating steps required for the use of the Biofill applicator and the Biofill cannulas are described in the user manual for the body-jet® evo (Doc.-No.: 900054, Rev. 3 of 09.09.2013).

The Biofill applicator is equipped with a RFID chip (TAG). By means of this the device control is able to identify the installed applicator as valid Biofill applicator. After identification all settings are adjusted automatically; no manual settings are required.



The venting of the Biofill applicator is shown on the screen „OP Preparation 2“.



After completion of the venting process, the OP screen for the Biofill applicator is opened:

- PULSATION and RANGE are pre-configured and cannot be changed.
- The vacuum is limited to -500 mbar.
- The mode „LipoCollection“ cannot be activated (PULSATION and RANGE are not modifiable).
- All other device functions remain active.

Functional parameters

When using the Biofill applicator

- a pressure of 25 bar ($\pm 20\%$) is generated;
- the flow rate is 66 ml/min ($\pm 20\%$);
- the pulsation is approx. 132 passes/min ($\pm 20\%$);
- The maximum vacuum is -500 mbar (± 50 mbar).