Operating steps

1 Preparation

You need:
- A gastroenterology workstation that is ready for operation, and to which VIO and ERBEJET 2 footswitches have been connected.
- A return electrode, including a return electrode cable
- A pump cartridge
- A HybridAPC probe
- Saline solution and infusion set

2 On the VIO / APC 2 unit

1. Switch on the VIO (the APC 2 will also be switched on automatically as a result).
2. Select a program (e.g. HybridAPC).
3. Continue to scroll downwards using the Down button until the program settings of the APC socket are displayed.
4. Check the program settings of the APC socket (for recommended VIO / APC 2 setting, see overleaf).
5. Adopt the program settings. You can now adjust the program settings as required.

3 On the ERBEJET 2 unit

1. Switch on the ERBEJET 2 unit.
2. Use the selection buttons ↑↓ to select a program (e.g. HybridAPC).
3. Confirm using the OK selection button.
4. You can now adjust the program settings as required (for recommended ERBEJET 2 settings, see overleaf).

4 Inserting the pump cartridge into the ERBEJET 2 unit

1. Wait until the ERBEJET 2 display shows Please insert new cartridge!
2. Slide the pump cartridge into the pump shaft. The pump cartridge must audibly click into place.
1. Connect an infusion set to a sterile NaCl solution.

2. Open the roller clamp. Wait until the infusion hose has filled completely. It is thereby vented.

3. Close the roller clamp again.

4. Remove the protection cap from the pump cartridge and infusion tube.

5. Connect the pump cartridge and infusion tube.

6. Open the roller clamp.

1. Insert the fluid tube of the probe fully into the pump cartridge.

7. Priming the pump cartridge
   
   1. Wait until the ERBEJET 2 display shows Prime.
   
   2. Press the START selection button.
   
   3. Verify whether the suction hose of the pump cartridge fills with the NaCl solution. The priming process can take up to 20 seconds.

8. Connecting the HybridAPC probe to the APC 2 unit

1. Insert the FiAPC connector into the APC socket.

9. Conducting a function test

1. Direct the probe tip towards a cloth.

2. Activate the footswitch. The water jet is emitted.

10. Connecting the neutral electrode

Setting recommendations for Barrett esophagus

On the VIO / APC 2 unit

HF settings:

- Mucosa ablation: PULSEDAPC®, Effect 2, 60 watts
- Post-ablation: PULSEDAPC®, Effect 2, 40 watts

On the ERBEJET 2 unit

Water jet setting for mucosa elevation Effect 40 - 50.