

**Sterile single-use WAL Applicator with integrated infiltration pump**

# body-jet®

the gentle way of liposuction

## body-jet® system

- |   |                                       |
|---|---------------------------------------|
| 1. Sterile single-use WAL Applicator with integrated infiltration pump. | 4. Cannula cleaning set               |
| 2. Infiltration cannulae (resterilisable and single-use)                | 5. Suction bags (3 liter, single-use) |
| 3. Irrigation and aspiration cannulae (resterilisable and single-use)   | 6. Suction containers (reusable)      |
|   | 7. Filters                            |

**Distributor in the USA:**

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Dimensions [cm]: 178x54x60 (HxWxD)  
 Weight: 46 kg  
 Certified according to ISO 13485  
 body-jet® is a Class II product  
 The body-jet® has patents in the United States (10/520,209; 10/523,294; 10/322,524), other patents, and patents pending.  
 body-jet® is a registered trademark of Human Med AG, Schwerin, Germany.

Caution: Federal law (USA) restricts this products to sale by or on the order of a physician.

WAL – Water-Assisted Lipoplasty for Aesthetic Body Contouring



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	<b>human med®</b>
	water-jet assisted medical technologies



# Water-Assisted Lipoplasty – WAL for aesthetic body contouring.

## Using the pulsating water spray...

The gentle fan-shaped water (saline) spray of the body-jet® achieves to release

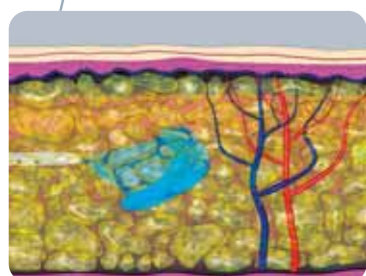
undesired fat cells from their connective tissue while vital structures like lymph and blood vessels are spared.

## ...to gently contour the body

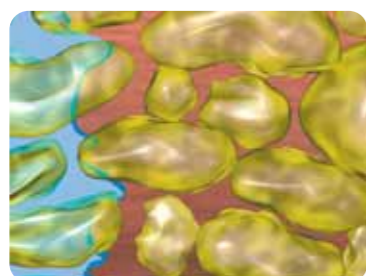
WAL uses saline solution just as a carrier for local analgesics and vasoconstrictors; high volume infiltration

to prepare fat fragmentation via a high interstitial pressure (the basic principle of traditional "Tumesce" methods) is not necessary.

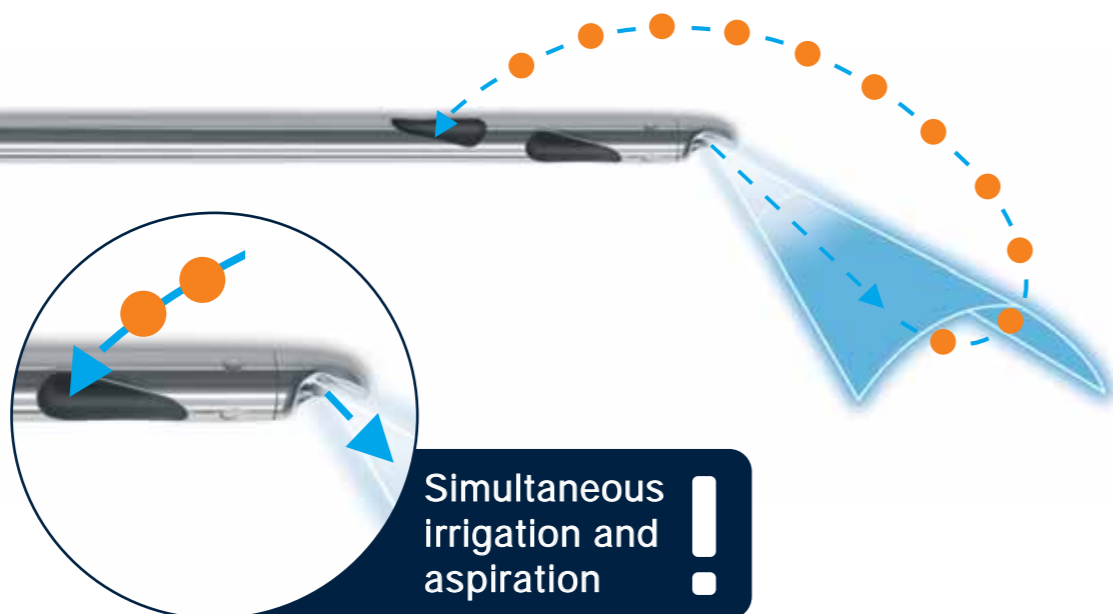
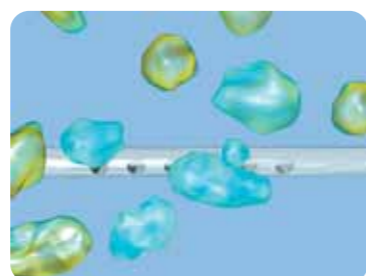
## Steps in WAL procedure



**Step 1:** Infiltration. Saline spray is introduced into adipose tissue to loosen the structure and to release adipocytes.

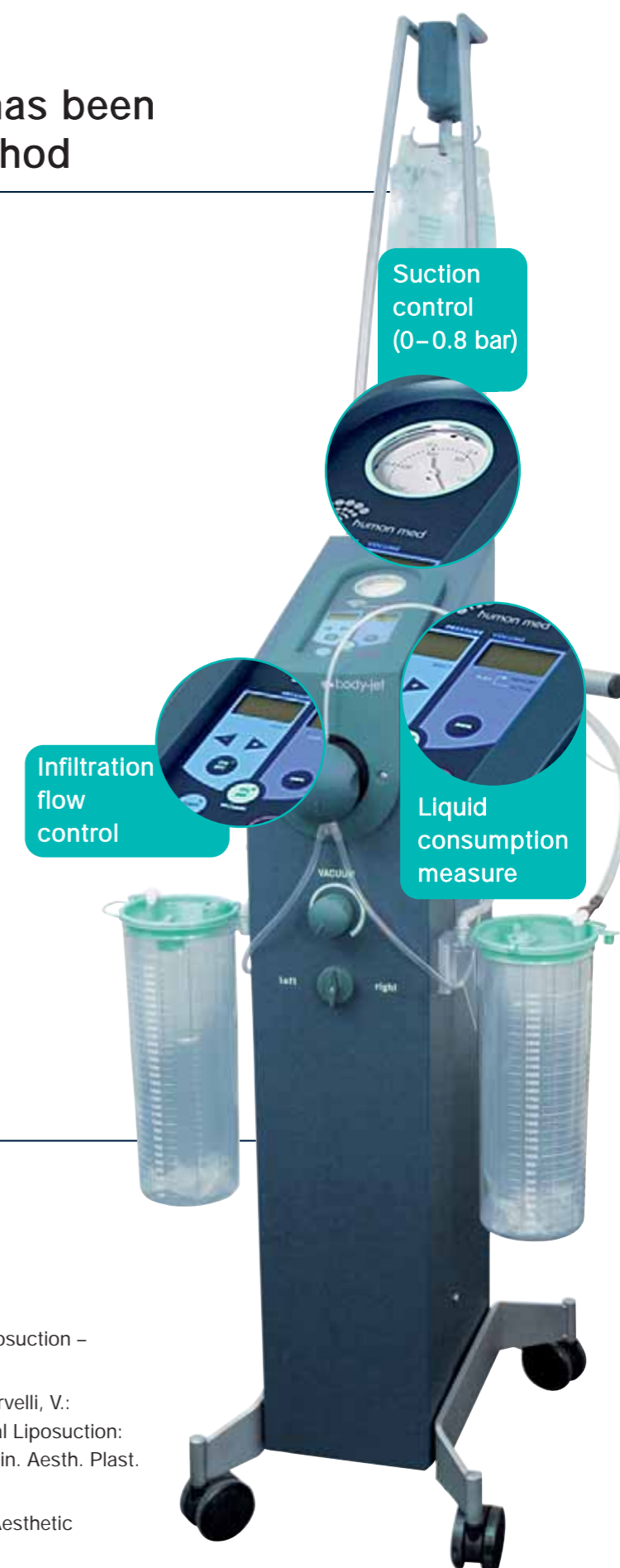


**Step 2:** Irrigation and aspiration. Treated areas are not "bloated" because the infiltrated solution is being simultaneously re-aspirated.



## WAL – with the body jet® has been shown to be a gentle method

- WAL does not require high-volume tumescent pre-infiltration with accompanying waiting times, which reduces the risks of systemic side effects. This also leads to reduced procedure times.
- The contours of the treated area remain unchanged throughout the whole procedure because much less TLA / saline solution is used for pre-infiltration.
- Considerably less intraoperative swelling allows the surgeon to contour the body and to achieve the target result with great precision.
- Considerably reduced pain-related impairment enables patients to recover quickly and return to normal daily activities rapidly.
- Postoperative pain and bruises (ecchymosis) are remarkably less with WAL compared to traditional lipoplasty.



### References

- Taufig, A. Z.: Water-Jet Assisted Liposuction. In: Liposuction – Principles and Practice. Springer 2006; 326-330.
- Araco, A., Gravante, M. D., Araco, F., Delogu, D., Cervelli, V.: Comparison of Power Water-Assisted and Traditional Liposuction: A Prospective Randomized Trial of Postoperative Pain. Aesth. Plast. Surg. 31: 259-265, 2007.
- Man, D., Meyer, H.: Water Jet-Assisted Lipoplasty. Aesthetic Surgery Journal; May/June 2007, 342-346.