

Transforming Lives.

The *new* Generation
in Water-jet Assisted
Liposuction (WAL)

●●body-jet®neo

+ 25 %
Pulsation

≤ 87 %¹
Retention Rate

≤ 90 %²
Cell Viability



The Smartest body-jet® in Its Class. The *neo* Is Here.

Modern liposuction and lipofilling require more than just technical precision. For surgeons, the patient is the focus. The goal is to achieve results that are not only aesthetically pleasing but also make a real difference.

Progress, therefore, means taking one's own surgical work to a new level through methods and systems. The body-jet® neo exactly fulfills this requirement. The combination of intuitive system guidance and the scientifically established WAL method enables a precise, controlled, and at the same time tissue-sparing procedure for consistent results and structured implementation in the everyday clinical practice.

Functional Principle of the WAL Method

The WAL technology forms the basis for a particularly gentle and controlled form of liposuction. Through the use of a fan-shaped, pulsating water-jet, the fat cells are selectively loosened and simultaneously suctioned out, while surrounding structures are largely spared.

Clinical advantages of the WAL method:

- Preservation of blood vessels, nerves, and connective tissue, making it particularly suitable for lipedema treatments
- High quality of the harvested fat cells, making it ideal for sustained lipofilling
- Reduced stress on patients
- Reduced amounts of fluid in the tissue at any given time
- Simultaneous infiltration and suction
- Reduced surgery time

Scan QR code for
our WAL video



PRODUCT

●●body-jet® neo

The body-jet® neo takes the proven WAL method to a new level. The focus is not only on the device's functionality, but also on providing structured support throughout the entire treatment process – from preparation and execution to documentation.

The body-jet® neo was developed specifically for everyday clinical practice and enables an intuitive and controlled use of the WAL technology.



PRODUCT VARIATIONS

Product Variations

Clinical requirements vary depending on the indication and treatment focus. The body-jet® neo offers the right system configuration for each situation.

BASIC for liposuction

The Basic version is streamlined to the essentials and is particularly well-suited for experienced users who prioritize speed and efficiency.

- Liposuction without a weighing system
- Reduced system complexity
- Focus on speed and ease of use

ALL-IN-ONE for liposuction and lipofilling

The All-in-One version allows the performance of liposuction and lipofilling in one system, enabling the controlled harvesting of a high concentration of viable fat cells.

- Integrated LipoCollection function
- Optimized for autologous fat transfer
- Suitable for use in aesthetic and reconstructive applications

ALL-IN-ONE for lipedema treatment

Precise monitoring and documentation of the fluids used are crucial for the treatment of lipedema. The All-in-One version therefore features an integrated weighing system that facilitates accurate monitoring of fluid volume.

- Monitoring and documentation of the tumescent solution
- Support for standardized treatment protocols
- Suitable for specialized lipedema applications

Intelligent Product Features



User guidance

Intuitive touchscreen interface with guided set-up.



Assisted error management

Direct system feedback for quick identification and resolution of potential errors.



Real-time transparency

Continuous display of all relevant parameters.



Standardization and documentation

Reproducible and customizable user settings for consistently high quality.



Optimized for everyday OR use

25 % more pulsation ensures greater efficiency while providing gentle tissue treatment and consistently high quality.

Reliable in Daily Use

The success of integrating new technologies is determined not by theory, but by how they perform in daily use. The body-jet® neo was developed to improve clinical workflows, enhance safety, and deliver economic benefits.

Benefits for users and the surgical team

- Intuitive operation
- Clear and structured workflows
- Support through system feedback
- Reduced training requirements

Benefits for hospitals and practices

- Predictable and standardized processes
- Effective use of operating room time
- Expansion of the treatment spectrum

Economic aspects

- Efficient performance of procedures
- Sustainable use of the system in daily practice

Structured Workflow in the Operating Room

The body-jet® neo supports the entire treatment process:

1. **Set-up:** Guided system configuration
2. **Procedure:** Controlled application with real-time data
3. **Documentation:** Standardized and traceable processes



Leading in Water-jet Technology

Building on a long track record of success in hydrodissection, Human Med AG has been active in the fields of plastic surgery, reconstructive surgery, and regenerative medicine with water-jet assisted liposuction since 2004. Human Med AG is a leader in its field and the world's largest manufacturer of WAL-based medical devices for liposuction.

If you have any questions about the body-jet® neo, water-jet assisted liposuction (WAL), or fat transfer, please contact info@humanmed.com.

Contact

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Technical Data

●●body-jet® neo

Measures: 48 (B) x 72 (T) x 178 (H) cm
Weight: 40 kg
Power supply: 220 to 240 V AC, 3 A, 50–60 Hz
Protection class according to IEC 60601-1: I
Enclosure protection class: IP22
(according to IEC/EN 60529)
Classification according to (EU) 2022/2347: IIb
Approval: CE 0482

Sources:

- 1) Ueberreiter, K.; Graf von Finckenstein, J.; Cromme, F.; Herold, C.; Tanzella, U.; Vogt, P.M. BEAULI™ – A New and Easy Method for Large-Volume Fat Grafts. *Handchirurgie Mikrochirurgie Plast. Chir.* 2010, 42, 379–385, doi:<http://dx.doi.org/10.1055/s-0030-1267913>.
- 2) Sasaki GH.: Water-assisted liposuction for body contouring and lipoharvesting: safety and efficacy in 41 consecutive patients. *Aesthet Surg J.* 2011 Jan 1;31(1):76-88