human med AG is an innovative medical technology company in the field of water-jet surgery with its headquarters in Schwerin/Germany. With its unique technology for hydrodynamic separation and harvesting of tissue and cells particularly from the subcutaneous fat tissue, the company is heading the international market of plastic-reconstructive and aesthetic surgery. human med can build on long-term experiences with water-jet assisted systems allowing precise control and selective tissue treatment. On this basis, the company developed the tissue-sparing method of Water jet-Assisted Liposuction and Lipotransfer (WAL) that is used in the aesthetic market, as well as plastic and reconstructive surgery for body-contouring, breast augmentation and reconstruction, and for treatment of soft tissue defects, scars and chronic wounds.
The innovative body-jet® eco has been designed for the precise and gentle removal of small fat tissue volumes that may be used for subsequent autologous fat transfer. A pulsating water-jet combined with a tissue-sparing, defined vacuum allows harvesting intact and highly viable fat cells from the subcutaneous fat tissue in a gentle way.

The gentle water-jet technology helps to avoid side effects that may develop in the donor area as a result of a “dry”, manual liposuction, as well as damages to the fat cells often resulting from a too-high syringe vacuum.

Harvesting autologous fat with the body-jet® eco saves time. This effect becomes significant in the case of small fat tissue volumes from 20 ml.

The fat tissue harvested and collected in a sterile, closed system (body-jet®eco and FillerCollector®) is highly viable, finely dispersed and excellently suited for immediate re-injection due to the lobular size (diameter of the fat clusters approx. 0.9 mm). A further treatment of the aspirated tissue such as filtration or centrifugation is not necessary.

Compared to other methods, the results of a water-jet assisted lipoinfiling using the body-jet® eco are predictable, as proven by a multitude of published clinical studies.

The body-jet® eco has a modern design combined with a clear and intuitive operating concept. It is easy to transport thanks to its limited weight and ergonomic shape. Due to its cutting-edge concept the body-jet® eco provides the perfect solution for small-volume fat transfer management to the user.

**Efficient**

For the user

• Optimized for small volumes in fat grafting and liposuction
• Economical to use – your treatment expenses are reduced
• A very fine fat consistency of high viability allows working precisely in small body areas
• Time saving in comparison with conventional methods

**Gentle and safe**

For the patient

• Minimized risk of surgery – no general anesthesia required
• Short recovery time – your patient can return home on the very same day
• Excellent results due to high precision
• Nearly pain-free and atraumatic thanks to the gentle force of the water-jet

**Flexible to use**

in hospitals and practices

Fat grafting and liposuction in a volume range of 20 to 300 ml for various applications.

For instance:

• Hand and face filling
• Wrinkle injection
• Body contouring, e.g. of chin and upper arms
• Soft tissue corrections
• Treatment of radiation and burn scars
• Treatment of chronic wounds