

# Hot Topics in Cosmetic Surgery 2009

## Body-Jet®: The Gentle Way of Liposuction

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## Disclosures

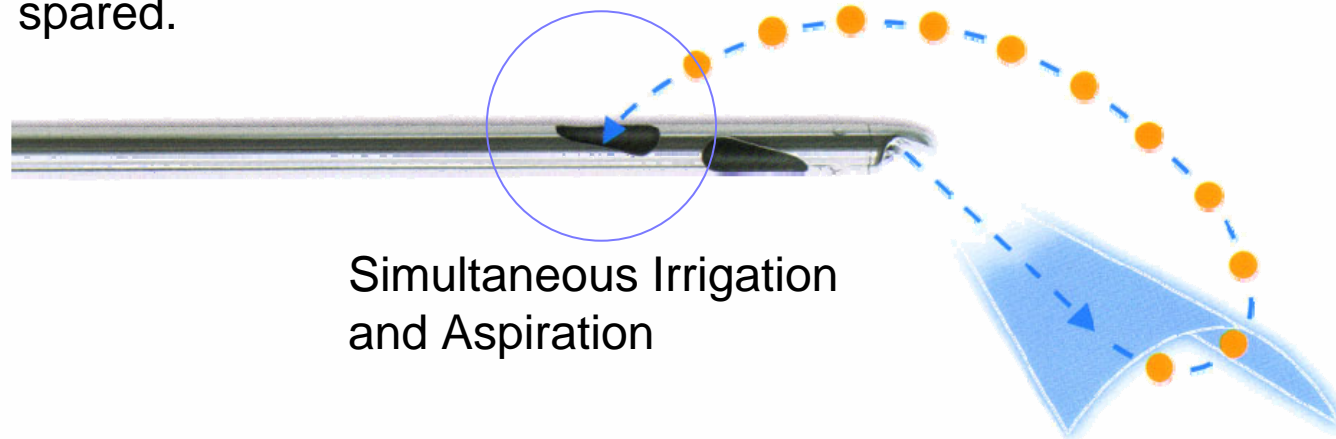
- **No interest in any products mentioned**
- **Receive no income, royalties or other compensation**
- **No off-label use of any medication or product will be recommended**
- **Lecture is educational and non-commercial**

## Status of Product

- **Product Trade Name (Body-Jet<sup>®</sup> – Human Med AG, MN)**
  - What is it? Water-Assisted Suction Lipoplasty System
  - Other Names: None
- **Specific FDA Status**
  - Approved: August 13, 2008
  - Specific Details of Approval: Aesthetic Body Contouring
  - Off-label Uses Proposed: None

## What is it?

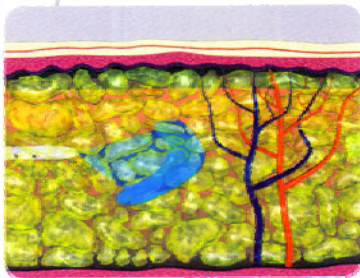
- **Body-Jet® is Water-Assisted Lipoplasty (WAL) for aesthetic body contouring**
  - The Body-Jet® uses pulsating water spray to gently contour the body
    - The gentle fan shaped water (saline) spray of the Body-Jet® achieves to release undesirable fat cells from their connective tissue while vital structures like lymph and blood vessels are spared.



## How Does it Work?

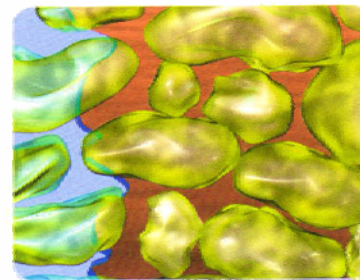
- **WAL uses saline solution just as a carrier for local analgesics and vasoconstrictors; high volume infiltration to prepare fat fragmentation via a high interstitial pressure (the basic principle of traditional “Tumescence” methods) is not necessary**

### 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.

## How Long has it Been Around?

- 2001, Wanner et al, *Water-Jet Dissection of Fatty Tissue* (Abstract)
- 2002, Wanner et al, *Parameters for Hydro-Jet Dissection in Fatty Tissue* (Article)
- 2003, Dr. Taufig, *Water-Jet-Assisted Liposuction* (Article)
- 2004, Beth Kapes, *Jetting Water Curtails Liposuction Risks* (Article)
- 2006, Dr. Meyer, *Water-Jet Assisted Liposuction* (Article)
- 2006, Dr. Taufig, *Water-Jet-Assisted Liposuction* (Book Chapter)
- 2007, Dr. Meyer Dr. Man, *Water Jet-Assisted Lipoplasty* (Book Chapter)

## Clinical Experience

- **Number of Cases Performed: 10,000+ cases since 2001**
- **Complications: ecchymosis, dysesthesia, residual fat excess, mild skin laxity**
- **Impressions: In comparison with other liposuction modalities, there is less pain, less edema (both intra-op and post-op) with more accurate contour assessment, less irregularity, less revision rate, shorter recovery and operative time, and superior fat harvesting.**

# Photos

Pre-Op

(6) Month Post-Op

Pre-Op

(6) Month Post-Op

