

# Water-Assisted Fat Harvesting

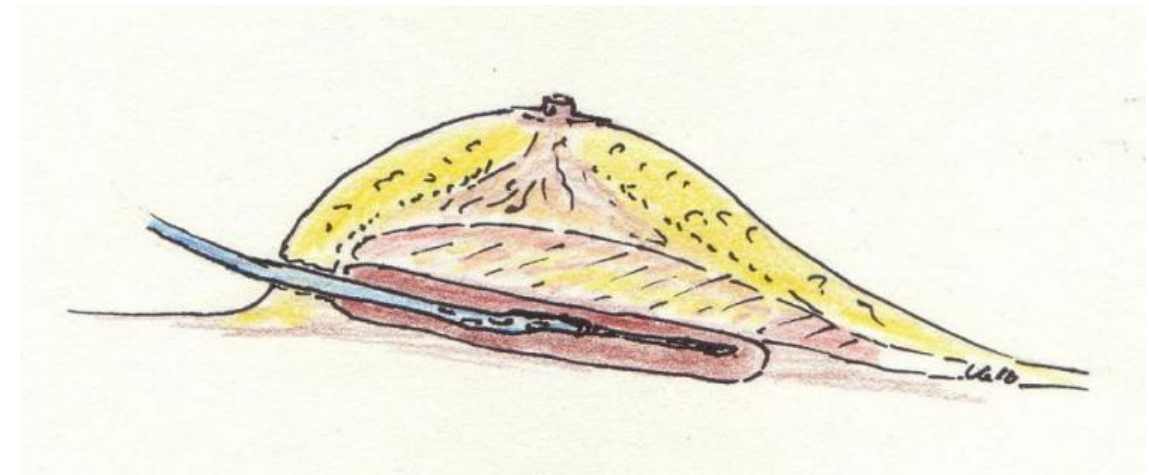
Fat to replace implants

# Water-Assisted Fat Harvesting

## Fat to replace implants

### *Capsular Contracture*

- To build a "capsule" of scar tissue around any kind of foreign material is a part of the healing process.
- The body is creating this barrier of scar tissue around implants.
- This scar tissue helps to keep the breast implants in place, preventing slippage

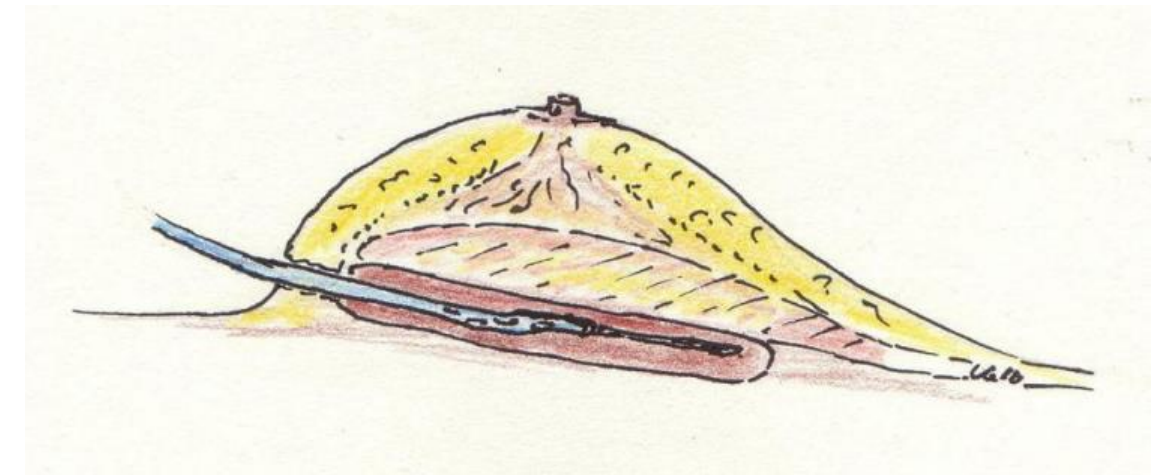


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### *Capsular Contracture*

- In some patients, however, this capsule of scar tissue becomes unusually hard and starts to contract around the implant.
- In about one in six breast augmentation patients experience some degree of capsular contracture. Capsular contracture is rated using a grading system:

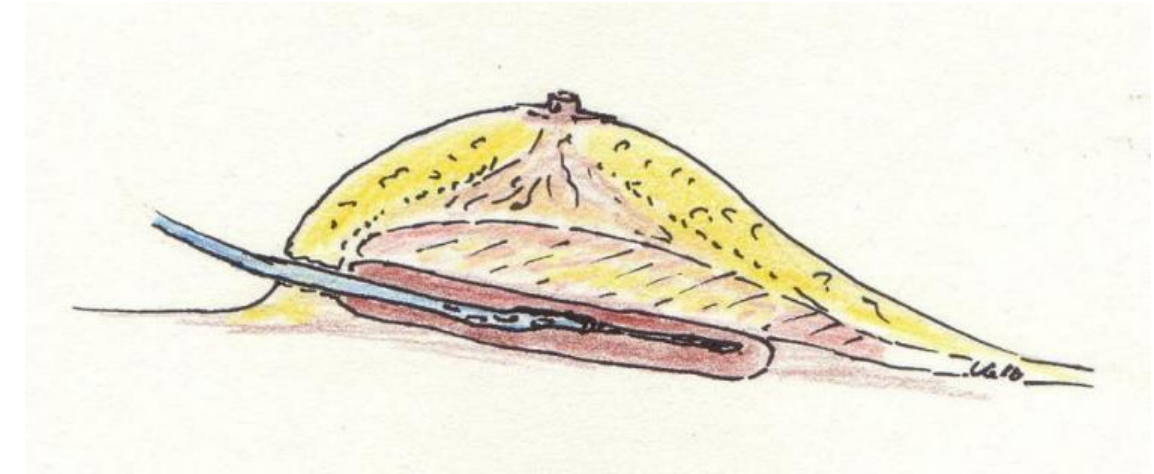


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### *Capsular Contracture*

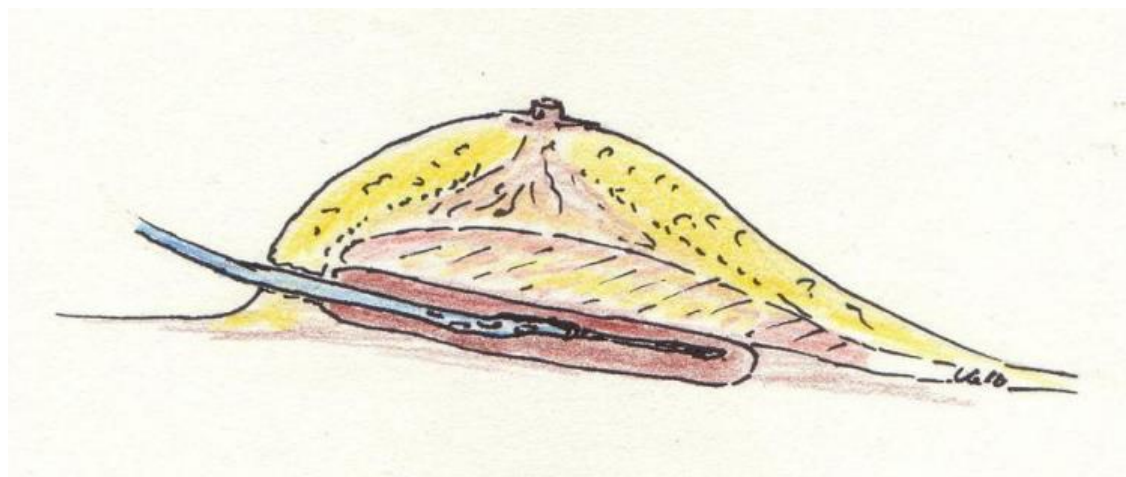
- Grade 1: Grade one capsular contracture is asymptomatic (producing or showing no symptoms).
- Grade 2: Presents itself with only minor cosmetic symptoms..
- Grade 3: This grade of capsular contraction often doesn't cause much (if any) pain. The breasts become hard and misshapen.
- Grade 4: Grade four capsular contracture also experience breast soreness; their breasts will often be tender and painful to the touch.



# Water-Assisted Fat Harvesting

## Fat to replace implants

One stage rescue procedure after capsular contracture of breast implants with autologous fat grafts collected by water assisted liposuction (“BEAULI Method”)



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Research Article

One stage rescue procedure after capsular contracture of breast implants with autologous fat grafts collected by water assisted liposuction (“BEAULI Method”)

Einzeitiger Rettungseingriff nach Kapsel­fibrose bei Brustimplantaten mit durch wasserstrahl-assistierter Liposuction gewonnenem autologem Fettgewebe („BEAULI-Methode“)

### Abstract

With increasing number of patients with silicone implants for breast augmentation or reconstruction we are confronted with more and more cases of capsular contracture. Not every case is resolved by resection of the capsule and exchange of implants. Many patients rather bear the consequences of severe fibrosis than to have their implants removed. The one stage procedure of implant removal and lipofilling proved to be highly efficient with good to excellent results and high patient satisfaction.

Between January 2008 and October 2012 a total of 64 patients (124 breasts) with capsular fibrosis Baker III to IV were treated with autologous fat grafts collected with the body-jet® by water-assisted liposuction (“BEAULI Method”). Magnetic resonance imaging (MRI) of the breasts was performed in 5 patients preoperatively and 6 month postoperatively, a clinical examination and photo documentation of all patients was done on day 1 and after 4 weeks, 12 weeks and 6 months postoperatively. The procedure included implant removal and lipofilling of the subcutaneous and intramuscular space in a single procedure by means of the BEAULI Method.

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### *Capsular Contracture*

- Between January 2008 and October 2012, a total of 64 patients (124 breasts) with capsular fibrosis Baker III to IV were treated with autologous fat grafts collected with the body-jet® by water-assisted liposuction (“BEAULI Method”).
- **Size of implants removed: 145–370 ml**
- **Volume of fat tissue (gross volume) injected: 180–320 ml (approximate net volume 140–240 ml)**
- **Average operation time: 75 min (62–115 min)**
- **Follow up: 6–56 months**
- **Patient satisfaction: all patients satisfied (!!!)**
- **Change of breast form to a natural ptotic appearance**
- **Four patients received a second graft**

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### *Capsular Contracture*

#### **Two photos on the top:**

Status after breast augmentation by a non-specialized surgeon.

#### **Two photos on the bottom:**

Result 1 year after implant removal, fat grafting and areola tightening.



# First be best – Then be first (Grant Tinker)



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# Questions?

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