

No.	PUBLICATION/STUDY	CONTENT	LINK
1	Taufig, A. Z. (2006): Water-Jet Assisted Liposuction. In: Liposuction – Principles and Practice. Springer; 326-330.	<ul style="list-style-type: none"> - Surgery times reduced by more than 40% - Safe and controlled fat removal - Drug-related side effects are not to be expected 	http://link.springer.com/chapter/10.1007%2F3-540-28043-X_49
2	Araco et al. (2007): Comparison of Power Water – Assisted and Traditional Liposuction: A Prospective Randomized Trial of Postoperative Pain. Aesth. Plast. Surg. 31:259-265.	<ul style="list-style-type: none"> - Less postoperative pain - Almost painless procedure as compared with tumescent liposuction 	http://www.ncbi.nlm.nih.gov/pubmed/?term=Comparison+of+Power+Water-Assisted+and+Traditional+Liposuction%3A+A+Prospective+Randomized+Trial+of+Postoperative+Pain
3	Man, D.; Meyer, H. (2007): Water Jet-Assisted Lipoplasty. Aesthetic Surgery Journal; May/June 2007, 342 – 346.	<ul style="list-style-type: none"> - Precision body shaping under local anaesthesia - Considerably less intraoperative swelling allows the surgeon to realize the target result with greater precision - 70% less tumescent solution: Compared with the quantity of tumescent solution used in conventional lipoplasty (100%) - General anesthesia or sedation that suppresses consciousness is no longer necessary - Patients recover quickly and return to normal daily activities rapidly 	http://www.ncbi.nlm.nih.gov/pubmed/19341663

4	Stutz, J.J. (2009): Water-Jet Assisted Liposuction for Patients with Lipoedema: Histologic and Immunohistologic Analysis of the Aspirates of 30 Lipoedema Patients. <i>Aesthetic Plastic Surgery</i> 33: 153-162.	<ul style="list-style-type: none"> - Promising treatment for Lipoedema patients - Long-term improvement if the operative technique focuses on lymph vessel preservation 	http://www.ncbi.nlm.nih.gov/pubmed/?term=Water+Jet-Assisted+Liposuction+for+Patients+with+Lipoedema%3A+Histologic+and+Immunohistologic+Analysis+of+the+Aspirates+of+30+Lipoedema+Patients
5	Ueberreiter K et al. (2010): BEAULI™ – A New and Easy Method for Large Volume Fat Grafts. <i>Handchir Mikrochir Plast Chir</i> 2010; 42: 379 – 385	<ul style="list-style-type: none"> - Breast augmentation – permanent take rate up to 87% - The volume control by means of MRI could verify a permanent take rate of 76 ± 11 % of the grafted fat 	http://www.ncbi.nlm.nih.gov/pubmed/?term=BEAULI%E2%84%A2+-+a+new+and+easy+method+for+large-volume+fat+grafts
6	C. Herold, K. Ueberreiter, F. Cromme, M. Grimme, P. M. Vogt (2011): Is there a need for intrapectoral injection in autologous fat transplantation to the breast? – An MRI volumetric study. <i>Handchir Mikrochir Plast Chir</i> 2011; 43: 119 – 124	<ul style="list-style-type: none"> - fat grafting take rate periglandular 81% versus intrapectoral muscle 65% - By comparison of the volumes calculated by MRI volumetry preoperatively and postoperatively, the study revealed a mean volume persistence of 65% within the pectoral muscle and of 81% within the periglandular fat 	http://www.ncbi.nlm.nih.gov/pubmed/?term=Is+there+a+need+for+intrapectoral+injection+in+autologous+fat+transplantation+to+the+breast%3F+%E2%80%93+An+MRI+volumetric+study.
7	G.H. Sasaki (2011): Water-Assisted Liposuction for Body Contouring and Lipoharvesting - Safety and Efficacy in 41 Consecutive Patients. <i>Aesthetic Surgery Journal</i> 2011; 31: 76	<ul style="list-style-type: none"> - Fat cell viability 90% - no centrifugation - Fat harvesting was accomplished by collecting and separating the aspirated adipose tissue in a sterile container" (LipoCollector), without need for washing or centrifugation 	http://www.ncbi.nlm.nih.gov/pubmed/?term=Water-Assisted+Liposuction+for+Body+Contouring+and+Lipoharvesting+-+Safety+and+Efficacy+in+41+Consecutive+Patients.

8	K.Ueberreiter, U.Tanzella, F. Cromme et al. (2013): One stage rescue procedure after capsular contracture of breast implants with autologous fat grafts collected by water assisted liposuction (BEAULI Method). GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW 2013, Vol. 2, ISSN 2193-8091	<ul style="list-style-type: none"> - Fat grafting after silicone implant removal due to capsular contracture - The procedure included implant removal and lipofilling of the subcutaneous and intramuscular space in a single procedure 	http://www.egms.de/static/de/journals/iprs/2013-2/iprs000023.shtml
9	D. Hoppe, K. Ueberreiter, Y. Surlemont, H. Peltoniemi, M. Stabile, S. Kauhanen (2013): Breast reconstruction de novo by water-jet assisted autologous fat grafting – a retrospective study. GMS German Medical Science 2013, Vol. 11, ISSN 1612-3174	<ul style="list-style-type: none"> - Total breast reconstruction in cancer patients - A complete breast reconstruction with large volume fat grafting is alternatively possible to standard techniques 	http://www.ncbi.nlm.nih.gov/pubmed/?term=Breast+reconstruction+de+novo+by+water-jet+assisted+autologous+fat+grafting+%E2%80%93+a+retrospective+study
10	H. Peltoniemi et al. (2013): Stem cell enrichment does not warrant a higher graft survival in lipofilling of the breast: A prospective comparative study. Journal of Plastic, Reconstructive & Aesthetic Surgery 66, 1494e1503.	<ul style="list-style-type: none"> - Comparison: Fat grafting (WAL technique) with and without stem cell enrichment - H. Peltoniemi concludes that breast augmentation by lipofilling using WAL alone is <ul style="list-style-type: none"> - “faster”, - “cheaper (cost of consumables for Celution was over 3000 Euros for each patient)”, - “has a lower risk of contamination”, and - “offers at least the same take rate” as stem cell enriched fat grafting 	http://www.ncbi.nlm.nih.gov/pubmed/?term=Peltoniemi+H%2C+Salmi+A%2C+Miettinen+S%2C+Mannerstr%C3%B6m+B%2C+Saariniemi+K%2C+Mikkonen+R%2C+Kuokkanen+H%2C+Herold+C.%3A+Stem+cell+enrichment+does+not+warrant+a+higher+graft+survival+in+lipo+filling+of+the+breast%3A
11	T. K. Malan (2013): Breast Augmentation and Reconstruction with Fat Transfer. In: Cosmetic Surgery - Art and Techniques; Shiffman, Melvin A., Di Giuseppe, Alberto (Eds.), 2013, pp 595-603	<ul style="list-style-type: none"> - WAL breast augmentation & reconstruction operative technique - Explanation of operative technique 	No link found

12	Münch DP. (2013): Breast Augmentation with Autologous Fat - Experience of 96 Procedures with the BEAULI™-Technique. HandchirPlastChir 2013; 45: 80-92.		http://www.ncbi.nlm.nih.gov/pubmed/?term=Breast+Augmentation+with+Autologous+Fat+-+Experience+of+96+Procedures+with+the+BEAULI%E2%84%A2-Technique.
13	Wolter A., Scholz T., Diedrichson J., Liebau J. (2013): Surgical Treatment of Gynecomastia: An Algorithm. HandchirPlastChir 2013; 45:73-79.		http://www.ncbi.nlm.nih.gov/pubmed/23629682
14	Yin, Shilu M.D.; Luan, Jie M.D.; Fu, Su M.D.; Wang, Qian M.D.; Zhuang, Qiang M.D. (2014): Does Water-jet Force Make a Difference in Fat Grafting: in Vitro and in Vivo Evidence of Improved Lipoaspirates Viability and Fat Grafts Survival. Plastic & Reconstructive Surgery 2014.		http://journals.lww.com/plasreconsurg/Abstract/publishahead/Does_Water_jet_Force_Make_a_Difference_in_Fat.99452.aspx
15	Herold C, Fleischer O, Allert S. (2014): Autologous fat injection for treatment of carpometacarpal joint osteoarthritis of the thumb - a promising alternative. Handchir Mikrochir Plast Chir. 2014; 46: 108-112.		http://www.ncbi.nlm.nih.gov/pubmed/24777461

16	M. Stabile, K. Ueberreiter, H. E. Schaller, D.L.Hoppe (2014): Jet-assisted fat transfer to the female breast: preliminary experiences. European Journal of Plastic Surgery March 2014	WAL for reconstructive and aesthetic breast augmentation <ul style="list-style-type: none">- sterile closed system- low suction force- avoiding overly mechanical trauma or thermal damage- nearly 70 % less tumescent fluid than other- swelling and bloating are minimized- neither centrifugation nor additional washing are required	http://link.springer.com/article/10.1007%2Fs00238-014-0934-8
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