

# CURRICULUM VITAE

## Lior Heller

### *Scientific Publications and Presentations*

#### *Publications*

1. Fink A, **Heller L**, Eliraz A, Weisman Z, Miskin A, Schlezinger M, Bibi H, Bentwich Z. Allergen-Specific Leukocyte Adherence Inhibition (L.A.I.) Assay; Sensitivity, Specificity and Mechanism. *Immunol Lett* 1987; 16:65-70.
2. Fisch B, Povsner E, **Heller L**, Goldman GA, Tadir Y, Wolloch Y, Ovadia J. Heterotopic Abdominal Pregnancy Following In-vitro Fertilization Embryo Transfer Presenting as Massive Lower Gastrointestinal Bleeding. *Human Reproduction*, 1995; 10:681-682.
3. **Heller L**, Levin LS, Klitzman B. Laser Doppler Flowmeter Monitoring of Free-Tissue Transfers: Blood Flow in Normal and Complicated Cases. *Plastic Reconstr Surg* 2001;107: 1739-45.
4. **Heller L**, Levin LS. Microsurgery Reconstruction of Lower Extremity. CME Article, *Plastic Reconstr Surg* 2001;108:1029-41.
5. Goldman G, Soffer D, **Heller L**, Aderka D, Lahat A, Klausner, J. Tumour Necrosis Factor Mediates Bacterial Translocation After Haemorrhagic Shock and Endotoxaemia” *Eur J Surg* 2001;167: 299-304.
6. Erdmann D, Drye C, **Heller L**, Wong M, Levin LS. Abdominal Wall Defect and Enterocutaneous Fistula Treatment with the Vacuum-Assisted Closure (V.A.C.) System. *Plastic Reconstr Surg* 2001;108: 2066-2068.
7. **Heller L**, Levin LS. Lower Extremity Microsurgical Reconstruction.. *Plast Reconstr Surg* 2001;108(4):1029-41.
8. **Heller L**, Phillips K, Levin LS. Pedicled Osteocutaneous Fibula Flap For Reconstruction in the Lower Extremity. *Plastic Reconstr Surg* 2002;109(6):2037-42.
9. **Heller L**, Huang WC, Chen HC, Lu CT, Lin SL. Vascularised Iliac Bone Flap Used For Sternum Reconstruction After Resection Of Chondrosarcoma. *Plast Reconstr Surg* 2002; 110(4):1088-91.
10. Ramirez O, **Heller L**. Dual Plane Breast Augmentation-Avoiding Pectoralis Major Displacement. *Plast Reconstr Surg*. 2002;110(4):1198.

11. Herman O, **Heller L**, Dorenbaum A, Westreich M. Two-stitch technique for distal shaft hypospadias repair. *Ann Plast Surg* 2002;48(2):209-12.
12. **Heller L**, Beahm EK: Commentary. Botulinum toxin infiltration for pain control after mastectomy and expander reconstruction. Botulinum toxin infiltration for pain control after mastectomy and expander reconstruction. *Breast Diseases: A Year Book Quarterly* 16(2):192-193, 2005.
13. Olbrich KC, Meade R, Bruno W, **Heller L**, Klitzman B, Levin LS. Halofuginone inhibits collagen deposition in fibrous capsules around implants. *Ann Plast Surg*. 2005;54(3):293-6.
14. Beahm EK, **Heller L**. Commentary. Efficacy of pain pump catheter in immediate autologous breast reconstruction. *Breast Diseases: A Year Book Quarterly* 16(1):85-87, 2005.
15. **Heller L**, Chang DW. Letter to Editor. Pedicled Flaps for Foot Defects in Elderly Patients: Is Duplex Ultrasonography a Necessary Investigation? *Plast Reconstr Surg*. 2005 Nov;116(6):1836-7.
16. **Lior Heller, M.D.** Steven J. Kronowitz, M.D., FACS Invited article. Lower Extremity Oncological Reconstruction. *Clinics of Oncologic Surgery* (in press).
17. **Heller L**, Beahm EK: Use of the Infusion Pain Pump Following Transverse Rectus Abdominis Muscle Flap Breast Reconstruction *Breast Diseases: A Year Book Quarterly*, (in press).
- 20 **Heller L**, Miller MJ: Patient Education and Decision-Making In Breast Reconstruction Seminars of Plastic Surgery 18(2);139-148, 2004.
- 21 **Heller L**, Feledy J, Chang DW: Strategies and options for free TRAM flap breast reconstruction in patients with midline abdominal scars. *Plast Reconstr Surg*. 2005 Sep;116(3):753-9.
- 22 Ramirez O, **Heller L**: The anchor tragal flap: a method of preserving the natural pretragal depression during rhytidectomy. *Plast Reconstr Surg*. 2005 Sep 15;116(4):1115-21.
- 23 Yee KW, Hymes SR, **Heller L**, Prieto VG, Welch MA, Giles FG. Cutaneous leukocytoclastic vasculitis in a patient with myelodysplastic syndrome after therapy with the rapamycin analogue everolimus: case report and review of the literature. *Leuk Lymphoma*. 2006 May;47(5):926-9.
- 24 **Heller L**, Butler CE, Levin LS. Vacuum Assisted Closure (VAC) Therapy for Abdominal Dehiscence in Patients with Compromised Wound Healing: *Am J Surg* 2006 Feb. 191 (2) 165-72.

- 25 Bermejo C, Busby JE, Spiess PE, **Heller L**, Pagliaro LC, and Pettaway CA Neoadjuvant Chemotherapy Followed by Aggressive Surgical Consolidation for Metastatic Penile Squamous Cell Carcinoma. J Urol. 2007 Apr;177(4):1335-8.
- 26 Leibovici D, Spiess PE, **Heller L**, Rodriguez-Bigas M, Chang G, Pisters LL Salvage surgery for locally recurrent prostate cancer after radiation therapy: Tricks of the trade. Urol Oncol. 2008 Jan-Feb;26(1):9-16. Epub 2007 Oct 18.
- 27 **Heller L**, Parker PA, Youssef A, Miller MJ Interactive Digital Education Aid in Breast Reconstruction; Accepted for publication in Plastic and Reconstructive Surgery Journal, January 2008.

### ***Book chapters***

1. **Heller L**, Levin LS. Free Tissue Transfer. In: Chapman's Orthopedic Surgery, Chapman MW (ed.), third edition, 2000, Lippincott Williams & Wilkins.
2. **Heller L**, Levin LS. Free Tissue Transfer For Coverage in Hand Surgery edited by Berger RA and Weiss AP, Lippincott Williams & Wilkins, Philadelphia, 2001.
3. Moorman G, Levin LS, **Heller L**. Management of Skin Grafts and Flaps. In: Rehabilitation of the Hand and Upper Extremity 5<sup>th</sup> edition, Mackin EJ, Callahan AD, Osterman AL, Skirven TM, Schneider LH, Hunter JM (ed.), Mosby, 2002.
4. **Heller L**, Levin LS. Free Flaps. In: Reconstructive Microsurgery Malizos K (1 ed.), Landes Bioscience 2003.
5. Ramirez O, **Heller L**. Facial Rejuvenation. In: Esthetic Surgery of the Face, Peled I, Manders E (1 ed.), Taylor & Francis Group plc, London, 2004.
6. **Heller L**, Levin LS. Bone and Soft Tissue Reconstruction. In: Fractures in Adults, Rockwood CA (ed.), sixth edition, 2005 Lippincott Raven, Philadelphia .

### ***Presentations***

1. **Heller L**, Goldman G, Shalit I, Merhav A, Klausner JM. Tumor Necrosis Factor (TNF) Mediates Bacterial Translocation from the gut. Presented at American College of Surgeons, 80th Annual Clinical Congress, Chicago 1994.
2. **Heller L**, Nobel M, Antebi E. Abdominal wall metastasis following laparoscopic cholecystectomy of gallbladder. Presented at the Israeli Surgery Meeting, Zichron Yakov, Israel, 1995.
3. **Heller L**, Ben Baruch D, Nobel M, Antebi E. Isolated gallbladder rupture due to blunt abdominal trauma. Presented at the Israeli Surgery Congress, Tel Aviv,

Israel, 1996.

4. **Heller L**, Antebi E. Intraoperative monitoring of parathyroid hormone for identification of parathyroid adenoma. Presented at the Israeli Surgery Congress, Jerusalem, Israel, 1997.
5. **Heller L**, Levin LS, Klitzman B. Laser Doppler Flowmeter Monitoring of Free Tissue Transfers: Blood Flow in Normal and Complicated Cases. Presented at the European Society for Microsurgery and Reconstructive Plastic Surgery, Corfu, Greece 1998.
6. **Heller L**, Westreich M, Herman O. Distal Shaft Hypospadias Repair by the “Two-Stitch Technique. Presented at the Israeli Plastic Surgery Society Annual Meeting Tel-Aviv, Israel, 1999.
7. **Heller L**, Levin LS. Pitfalls in Laser Doppler Measurements of Free Flaps. Presented at the American Society of Microsurgery, Hawaii 1999.
8. **Heller L**, Phillips K, Levin LS. Rotated osteocutaneous pedicled flap for knee arthrodesis. Presented at The Annual Meeting of North Carolina Plastic Surgery Society, Raleigh, NC, 12/11/99.
9. **Heller L**, Levin LS, Klitzman B. Orthogonal Polarization Spectral Imaging: A Revolutionary Clinical Tool For Intravital Microscopy. Presented at American Plastic Surgery Council, Seattle, May 2000.
10. Treiber M, **Heller L**, Ruff G, Levin LS, Brown SA. Animal Model For Examining Flap Metabolism Via Microdialysis. Presented at the American Plastic Surgery Council, Seattle, May 2000.
11. **Heller L**. Orthogonal Polarization Spectral Imaging, A New Diagnostic Tool in Oro-buccal Tumors. Presented at Plastic Surgery Grand Rounds Chang Gung Hospital, Taipei, Taiwan, March 28, 2001.
12. **Heller L**, Ramirez O. The Anchor Tragal Flap: A Method Of Preserving The Natural Pretragal Depression During Rhytidectomy Presented at the ASPRS Meeting, San Antonio, November 2002.
13. **Heller L**. Abdominal Wall Sarcoma; Reconstructive Options. Baylor College of Medicine/The University of Texas M. D. Anderson Cancer Center Conference, 2002.
14. **Heller L**. Wound Vac Integration in Abdominal Wall Reconstruction in Compromised Patients. Baylor College of Medicine/The University of Texas M. D. Anderson Cancer Center Conference, 2003.
15. Olbrich K, Meade R, Bruno W, Sundin B, **Heller L**, Erdmann D, Klitzman B,

- Levin LS. Modification of Fibrous Capsule Formation Around Implants Using Tempostatin™ (Halofuginone). American Society of Plastic Surgeons, San Diego, 2003.
16. **Heller L**, Feledy J, Chang D. Midline Abdominal Scar: Strategies and Options in Free TRAM Flap Breast Reconstruction. Texas Society of Plastic Surgery, San Antonio, 2003.
  17. **Heller L**, Ramirez OM. The Upper Lip Lift Using the “Bull’s Horn” Approach. Israeli Plastic Surgery Society Annual Meeting, Tel Aviv, Israel, 2003.
  18. **Heller L**, Feledy J, Chang D. Optimizing the Free TRAM Breast Reconstruction in Patients with Midline Abdominal Scar. American Society for Reconstructive Microsurgery, Palm Springs, 2004.
  19. **Heller L**, Rosenberg J, Langstein HN. Secondary Breast Reconstruction with Autologous Tissue After Failed Implant Reconstruction. American Society for Reconstructive Microsurgery, Palm Springs, 2004.
  20. **Heller L**, Butler CE, Levin LS. Vacuum Assisted Closure (VAC) Therapy for Abdominal Dehiscence in Patients with Compromised Wound Healing. American Society for Reconstructive Microsurgery, Palm Springs, 2004.
  21. **Heller L**, Parker P, Youssef A, Miller M. Clinical Benefits of an Interactive Digital Education Aid in Microsurgery Breast reconstruction. American Society for Reconstructive Microsurgery, Tucson, AZ, 2006.
  22. **Heller L**. Body contouring after massive weight loss in pediatric and adolescent population. Grand Rounds at Texas Children Hospital, Houston, TX, October 2006.
  23. **Heller L**, Kowalsky A, Butler C. Randomized, Controlled, Double-Blind Evaluation of Local Anesthetic Infusion Pumps for Donor Site Pain Management Following Free TRAM Flap Breast Reconstruction. American Society of Plastic and Reconstructive Surgery, San Francisco, CA, 2006.
  24. **Heller L**, Assessment of Pain Pump in the TRAM Donor Site for Breast Reconstruction Patients. Annual Meeting of the Israeli Plastic Surgery Society. Haifa, Israel 2006.
  25. **Heller L**, Miller M. The impact of breast reconstruction interactive CD-ROM on breast cancer patients. The 29th Annual San Antonio Breast Cancer Symposium San Antonio, TX, 2006.
  26. **Heller L**, Stal S. Pediatric reconstructive plastic surgery. Houston society of plastic surgery at MD Anderson Cancer Center. June 2007.

- 27 **Heller L**, Increasing impact of cosmetic surgery in the adolescent population. Grand rounds for the division of adolescent medicine, Texas Children Hospital, Houston, July 2007.
- 28 **Heller L**, Oncologic plastic surgery. Grand rounds division of surgery, Baylor College of Medicine, Houston, September 2007.
- 29 **Heller L**, Use of Alloderm in breast reconstruction. The 3<sup>rd</sup> Red Sea Plastic Surgery Symposium in Plastic Surgery. Eilat, Israel, February 2007.
- 30 **Heller L** An update of bio-prosthetic materials in reconstructive surgery, Israeli Plastic Surgery Society Annual Meeting, Tel Aviv, November 2007.

### ***Grants***

**Heller L**. Biological Factors in Keloid Tissue Using Microdialysis Plastic Surgery Educational Foundation Grant for year 2000. \$5000.