

Curriculum Vitae

Name: Mayer Tenenhaus, M.D., F.A.C.S.

Address: Division of Plastic Surgery
University of California, San Diego Medical Center
200 W. Arbor Drive
San Diego, CA 92103-8890
Tel (619) 543-6084

Education:

1977-1981 B.S., (Biochemistry) SUNY Stony Brook, Stony Brook, NY
1982-1987 M.D., Sackler School of Medicine, New York, NY
1987-1988 Intern, Internal Medicine, Albany Medical College, Albany, NY
1988-1992 Resident, General Surgery, Case Western Reserve University, Cleveland, OH
1992-1993 Chief Resident, General Surgery, Case Western Reserve University, Cleveland, OH
1993-1995 Fellow, Burn Surgery, University of California, San Diego, San Diego, CA
1995-1997 Fellow, Plastic Surgery, Nassau County Medical Center, East Meadow, NY

Faculty Appointments:

1993-1995 Clinical Instructor, Dept of Surgery, University of California San Diego, San Diego, CA
1993-1995 Associate Director, University of California-San Diego Tissue Bank, San Diego, CA
1997-1998 Associate Physician/Clinical Instructor, Plastic Surgery, University of California San Diego, CA
1998-2004 Assistant Clinical Professor, Department of Surgery, Division of Plastic Surgery, University of California-San Diego, San Diego, CA
1998-Date Chief, Division of Plastic and Reconstructive Surgery, VA Medical Center, San Diego, CA
2004-Date Associate Clinical Professor, Department of Surgery, Division of Plastic Surgery, University of California-San Diego, San Diego, CA

Board Certifications:

Oct 1996 American Board of Surgery
Mar 1999 American Board of Plastic & Reconstructive Surgery

Licensure:

State of New York - expired
State of California

Honors:

- 1982 Ben Yaminoff Academic Scholarship
1982-1986 Medical School Class President
1988-1990 Cleveland Surgical Society Research presentations AMA Physicians Recognition Award
1998-Date Who's Who in Medicine
2001 Certificate of Appreciation by American College of Surgeons for "Non-Melanomatous Skin Cancer under Age 35, Management and Outcome." New Orleans, LA, October 2001
2004 David Bessinger Traveling Scholarship, from North American Burn Society for the paper "The Role of Apoptosis in Burns" (Tenenhaus, Bhavsar, Rennekampff, Koch, Stein). Awarded to Dhaval Bhavsar, M.D.

Hospital Affiliations:

- 1997-Date UCSD Medical Center
1997-Date Thornton Hospital
1997-Date Veterans Administration Medical Center
1999-2002 Children's Hospital and Health Center

Professional Affiliations:

- Resigned Medical Society of the State of New York
Resigned Nassau Academy of Medicine
Resigned Nassau County Surgical Society
Resigned NY Regional Society of Plastic & Reconstructive Surgeons
1997-2002 Teleplast – Panel of Experts
1999-Date American Burn Association
1999-Date Candidate and Associate Society of American College of Surgeons (ACS)
1997-Date American Medical Association (AMA)
1998-Date American College of Surgeons, Associate Fellow
1999-Date American College of Surgeons, Candidate
1997-Date American Society for Aesthetic Plastic Surgery, Candidate (ASPS)
1999-Date San Diego Plastic Surgery Society (SDPSS)
2004-Date International Society of Burn Injury
2004-Date Association of VA Surgeons
2005-Date Wound Debridement and Versajet Advisory Board, Smith and Nephew, New York, New York
2005-Date Member, Advisory Board, Burn Institute, San Diego, CA
2005-Date President Elect, North American Burn Society (NABS)

Community Service:

- 1997-Date Gang Member Tattoo Removal Program
1997-Date Interface UCSD
1998-Date Mercy Day
2000-Date Brave Heart Kids Program, UCSD Regional Burn Center Honorary Committee

University Service:

1994-1995 Assistant Director Tissue Bank, UCSD Medical Center
1998-2005 VA Hospital, Chief, Division of Plastic & Reconstructive Surgeons
1997-Date Hillcrest Burn Trauma Committee
1997-2003 Wound Management Workshop
1997-Date Multispecialty Burn Reconstruction Committee
2001-Date Medical Risk Management Committee
2004-2005 Performance Improvement and Patient Safety Committee, Quality Improvement Representative for Division of Plastic Surgery.

Research Activities:

1981-1982 Dept of Cellular Biology
1993-1995 UCSD, Dept. of Burn Surgery
1999-Date Chaffoo, R, Hansbrough, J. Use of pulsed dye laser in prevention of post burn hypertrophic & keloid scar formation. University of California, San Diego Regional Burn Center
1999-Date Rudolph, R and Tenenhaus, M. Studies on expression of integrins in/on fibroblasts in hypertrophic scars and keloids.
2002-Date Katsadourou E, Dobke M, Rennekampff OH, Tenenhaus M. Characterization of wound contracture and biocompatibility of biologic and biosynthetic wound coverings in a mouse excisional model.
2002-2004 Hansbrough J, Lozano D, Tenenhaus M. Evaluation of the efficacy of the V.A.C. on management of acute hand burns. (Project number 011074), Multicenter Trial Participant.
2003-2003 Bhavsar D, Tenenhaus M. Microbiological analysis of surgical marking modalities.
2003-2004 Mahar A, Bhavsar D, Tenenhaus M. Biomechanical analysis of tendon adhesions following tendon repair.
2003-2004 Helm A, Bhavsar D, Tenenhaus M. Neurotization, sensory evaluation and comparison of wounds covered with skin substitutes and skin graft.
2004-Date Koch J, Stein P, Rennekampff OH, Tenenhaus M. Hyperthermic stress preconditioning, Ischemia-Reperfusion injury and Apoptosis regulation, In-vivo study in a flap model.
2004-Date Apoptosis and burns, Ischemia Reperfusion, Wound Healing, CMV Infections as they pertain to trauma, sepsis and burns, Waterjet debridement and wound bed preparation, Biosynthetics and adhesions, Biosynthetics as Burns. These research projects have led to either National/International presentation and/or publication.
2006-Date Tenenhaus M, Bhavsar D. Donation of \$15,000 from Integra NeuroSciences to Dr Tenenhaus to help support research on encirclage of tendon repair with biosynthetic material.

Mentoring:

2002 Brandon Grud – UCSD Medical Student. Independent Study Project/Focused Clinical Multidisciplinary ISP “Characterization of wound contracture and biocompatibility of biologic and biosynthetic

wound coverings in a mouse excisional model.”

- 2003 Eleni Katsadourou – Visiting Scholarship, University of Tübingen Germany. Characterization of wound contracture and biocompatibility of biologic and biosynthetic wound coverings in a mouse excisional model.
- 2003-date Dhaval Bhavsar, M.D. – Visiting Scholar (February 2003-March 2005), Senior Clinical Fellow (DS2111) March 2005-date, Mentored him on multiple basic science research projects—Study of absorbable biosynthetics for reducing adhesions following tendon repair in chicken flexor tendon repair model. Role of apoptosis in burn wound.
- 2004 Johannes Koch – Visiting Scholarship, University of Tübingen Germany. Hyperthermic stress preconditioning, Ischemia-Reperfusion injury and Apoptosis regulation, In-vivo study in a flap model.
- 2005-2006 Lars Evers, M.D., Visiting Scholar, Department of Plastic, Hand, Reconstructive Microsurgery, Bavarian Trauma Center, Munich, Germany. Nitric Oxide-related nasal physiology and burn research, December 2005-March 2006.

Speaking/Faculty Symposiums:

- 1993 **Interviewee:** Re-enactment: Rescue 911 Resuscitation and treatment flame injury boat explosion. UCSD Medical Center
- 1998 **Speaker:** “Facial Rejuvenation,” Channel 8 News Broadcast & Video, San Diego, CA, Feb 26, 1998
- 1998 **Host:** “Integra Biologic Dressing Conference,” Integra LifeSciences Corporation; La Jolla, CA, May 2, 1998
- 1998 **Speaker:** “Wound Management Workshop,” University of California San Diego, San Diego, CA, May 13-16, 1998
- 1998 **Speaker:** “Wound Management Workshop,” University of California San Diego, San Diego, CA, Oct 14-17, 1998
- 1999 **Speaker:** Second Annual Aesthetic Ophthalmic Plastic Surgery Course Symmetry, Aesthetic Objectives and Perspectives in Peri-ocular Surgery, Feb 26-27, 1999
- 2000 **Panelist:** Burn Reconstruction Panel, American Burn Association Annual Meeting, Las Vegas, NV, March 15-17, 2000
- 2000 **Interviewee:** “Discovery On The Inside: UCSD San Diego Burn Center,” Discovery Channel Documentary, University of California San Diego, San Diego, CA, aired October 2000
- 2001 **Presenter:** “Non-Melanomatous Skin Cancer Under Age 35, Management And Outcome,” American College of Surgeons,; New Orleans, LA, October 2001
- 2002 **Visiting Scholar:** “Burn and Complex Periorbital Reconstruction,” Eberhard Karls Universität, Tübingen, Germany, March 12, 2002

- 2002 **Speaker:** “In Service Wound Matrix with Xenaderm,” UCSD Burn Team, University of California San Diego, San Diego, CA, October 8, 2002
- 2003 **Visiting Scholar:** “New Advances in Breast Surgery; An American Perspective,” Eberhard Karls Universität, Tübingen, Germany, February 06, 2003
- 2003 **Speaker:** “In Service Care For Burn/Plastics Patients,” UCSD Burn Team, University of California San Diego, San Diego, CA, March 10, 2003
- 2003 **Speaker:** “In Service Burn Floor for Flap Care,” UCSD Burn Team, University of California San Diego, San Diego, CA, March 24, 2003
- 2003 **Interviewee:** “Burn Reconstruction,” LA Times Interview, University of California San Diego, San Diego, CA, July 2003
- 2003 **Speaker:** “Characterization of Effects of Polylactate Thin Film On Wound Contraction In a Full Thickness Skin Wound Mice Model,” European Tissue Repair Society Meeting; Amsterdam, Netherlands, September 2003
- 2003 **Speaker:** “The Challenge of Resolving Serious Gram-Positive Infections: Evidence-Based Decision Making,” American Society of Plastic Surgeons National Meeting, San Diego, CA, October 26, 2003
- 2003 **Speaker:** “Coverage of Exposed Joints with Narrow Sheets of Thin AlloDerm for Patients with Severe Deep Burn Injury of Hand with Very Few Options,” LifeCell Symposium, New Jersey, November 16, 2003
- 2004 **Speaker:** “Does Pre-Operative Skin Marking Pose Infectious Risk? A Surgeon’s Perspective,” North American Burn Society Annual Meeting, Squaw Valley, CA, January 2004
- 2004 **Speaker:** “Early Primary Tendon Reconstruction in Deep Contact Thermal Injury of Dorsum of Hand; Review of Literature and Case Report,” North American Burn Society Annual Meeting, Squaw Valley, CA, January 2004
- 2004 **Interviewee:** “Burn Reconstruction,” ABC News, University of California San Diego, San Diego, CA, January 30, 2004
- 2004 **Speaker:** “In Service, Suturing for the UCSD Anesthesia Team,” University of California San Diego, San Diego, CA, February 17, 2004
- 2004 **Speaker:** “Characterization of Effects of Polylactate Thin Film on Wound Contraction in Full-Thickness Skin Wound in Mice Model,” American Burn Association; Vancouver, Canada, March 2004
- 2004 **Speaker:** “Optimizing the management of antibiotic resistant wound infections,” American Burn Association, Vancouver, Canada, March 2004
- 2004 **Panelist:** Burn Reconstruction – Special Interest Group Panel, American Burn Association; Vancouver, Canada, March 23, 2004
- 2004 **Presenter:** “Current Concepts of Modern Burn Care” University of Alabama at Birmingham Division of Plastic Surgery Grand Rounds, Birmingham, AL, May 15-19, 2004
- 2004 **Presenter:** “Characterization of Effects of Polylactate Thin Film on Wound Contraction in Full-Thickness Skin Wound in Mice Model,” The International Society for Burn Injuries (ISBI) 12th Congress, Pacifico

- Yokohama, Japan, August 22-26, 2004
- 2004 **Presenter:** "CMV Infection and Burns," The International Society for Burn Injuries (ISBI) 12th Congress, Pacifico Yokohama, Japan, August 22-26, 2004
- 2004 **Presenter:** "Integra as a biomechanical barrier for tendon adhesion: a biomechanical and histologic analysis." The International Society for Burn Injuries (ISBI) 12th Congress, Pacifico Yokohama, Japan, August 22-26, 2004
- 2004 **Presenter:** "Coverage of Exposed Joints with Acellular Allograft Dermis in Deep Thermal Injury of Hand in Patients with Very Few Options." American Society for Surgery of Hand. Abstract, September 2004
- 2004 **Presenter:** "Lower Extremity Reconstruction," Annual Clinical Assembly of Osteopathic Specialists, September 30-Oct 3, 2004.
- 2004 **Presenter:** "Heat preconditioning of muscle in ischemia/reperfusion injury in rats" 1st Homburg Surgical Research Meeting, Homburg/Saar, Germany, 2004. Rennekampf HO, Koch, J, Bhavsar D, Tenenhaus M.
- 2005 **Presenter:** "Multidisciplinary Advisory on Wound Bed Preparation," University of California, San Diego, Division of Plastic Surgery Clinical and Teaching Conference, February 23, 2005
- 2005 **Presenter:** "Role of Apoptosis in Burns," North American Burn Society Annual Meeting, Big Sky, MT, March 19-24, 2005
- 2005 **Presenter:** "A New Splint for Burn Reconstruction," North American Burn Society, Big Sky, MT, March 19-24, 2005
- 2005 **Presenter:** "Implications of Chemical and Biologic Agents in the Burn Unit," with Dr. Bruce Potenza, North American Burn Society, Big Sky, MT, March 19-24, 2005
- 2005 **Panelist/Presenter:** La Jolla Focus Panel, "Advancing to the Next Generation of Burn Therapy Products," Rancho Santa Fe, CA, April 7-8, 2005
- 2005 **Speaker:** "Lower Extremities & Pressure Sore Reconstruction," UCSD School of Medicine, Department of Surgery, Grand Rounds, April 27, 2005.
- 2005 **Presenter:** "Role of Apoptosis in Burn," 37 Annual American Burn Association Meeting, Chicago, IL, May 10-13, 2005th
- 2005 **Panelist/Presenter:** "Burn Reconstructive Session," 37 Annual American Burn Association Meeting, Chicago, IL, May 10-13, 2005th
- 2005 **Panelist/Presenter:** "Surgical Debridement and the Control of Infection," 37 Annual American Burn Association Meeting, Chicago, IL, May 10-13, 2005th
- 2005 **Presenter:** "An Epidemiologic Study of the Wildfire," 37 Annual American Burn Association Meeting, Chicago, IL, May 10-13, 2005th
- 2005 **Presenter:** "Working towards a common language- surgical wound bed preparation and debridement," Wound Healing Society Symposium, Chicago, May 20, 2005
- 2005 "Zone of Stasis-a model of Ischemia-Reperfusion injury and role of

- apoptosis in tissue injury”. Plastic Surgery Research Council Annual Meeting at Toronto, ON. May 18-21, 2005.
- 2005 **Panel Member:** LifeCell Corporation Surgeons Forum, Chicago, IL, June 10-11, 2005
- 2005 **Speaker:** UCSD Department of Surgery Grand Rounds, Hansbrough Memorial Lecture (Introductory Comments by Dr M Tenenhaus), June 29, 2005
- 2005 **Visiting Professor and Lecturer:** “Microsurgical Reconstruction of the Vascularly Compromised Hand,” University of Tubingen, Tubingen, Germany, September 15, 2005.
- 2005 **Presenter:** “Combining High Pressure Water Jet Debridement with a Biosynthetic Dressing for the Treatment of Deep Partial Thickness and Indeterminate Thickness Burns.” Stuttgart2005, European Wound Management Association Conference, European Tissue Repair Society, Stuttgart, Germany, September 16, 2005.
- 2005 **Presenter:** “Ischemia Reperfusion Apoptosis and Hyperthermia Preconditional.” Stuttgart2005, European Wound Management Association Conference, European Tissue Repair Society, Stuttgart, Germany, September 17, 2005.
- 2005 **Presenter:** “Integra as a Biomechanical Barrier to Reduce Post-operative Tendon Adhesions.” American Society of Plastic Surgeons Meeting, Chicago, IL, Sept 23-28, 2005.
- 2005 **Keynote Speaker and International Visiting Professor:** Presented 6 lectures: “Attention in the Emergency Room of the burn patient,” Fluid resuscitation of the burn patient,” Early surgical excision of the burn,” Skin Culture in 2005,” Management of the burned elbows,” “Medical and surgical complications in burned patients.” VIII Congreso Venezolano de Quemaduras (Burn Congress), Caracas, Venezuela, November 22-25, 2005.
- 2006 **Speaker:** “Periorbital Reconstruction,” UCSD School of Medicine, Department of Surgery Grand Rounds, January 4, 2006.
- 2006 **Presenter:** “Role of INTEGRA as biomechanical barrier in prevention of post-operative tendon adhesions,” “Deep Vein Thrombosis and Burns,” and “Central Venous Line Infections and Burns,” 38th Annual American Burn Association Meeting, Las Vegas, NV, April 4-7, 2006

Meetings/Courses/Symposiums Attended:

- 1997 CO₂ Laser Skin Resurfacing & Laser Surgery, New York, NY, April 16, 1997
- 1997 American Society of Plastic and Reconstructive Surgeons (ASPRS) Annual Meeting; San Francisco, CA, Sept 20-23, 1997
- 1997 Education Design/Interpore Course; Keystone, CO, December 6, 1997
- 1998 American Burn Association (ABA) Annual Meeting; Chicago, IL, March 19-21, 1998
- 1999 Pulse Dye Laser Courses 585 & 595, University of California San Diego;

- San Diego, CA, July 16, 1999
- 2000 American Burn Association (ABA) Annual Meeting; Las Vegas, NV, March 15-17, 2000
- 2000 American Burn Association (ABA) Annual Meeting; Las Vegas, NV, March 15-17, 2000
- 2001 American College of Surgeons (ACS) Annual Meeting; New Orleans, LA, October 2001
- 2003 European Tissue Repair Society (ETRS) Meeting; Amsterdam, Netherlands, September 2003
- 2003 LifeCell Annual Symposium; Newark, NJ, November 16, 2003
- 2003 American Society of Plastic Surgeons (ASPS) Annual Meeting, San Diego, CA, October 26, 2003
- 2004 North American Burn Society (NABS) Annual Meeting, Squaw Valley, CA, January 2004
- 2004 North American Burn Society (NABS) Annual Meeting, Squaw Valley, CA, January 2004
- 2004 American Burn Association (ABA) Annual Meeting, Vancouver, Canada, March 2004
- 2004 International Society for Burn Injuries (ISBI) 12th Congress, Pacifico Yokohama, Japan, August 22-26, 2004
- 2004 Annual Clinical Assembly of Osteopathic Specialists, September 30-October 3, 2004
- 2004 UCSD 2004 Human Anatomy Lab, "Temporal Region, Infratemporal Fossa & Temporomandibular Joint," December 1, 2004
- 2005 Evolving Concepts of Burn Care, a collaborative effort, University of Iowa, Iowa City, Iowa, January 18, 2005
- 2005 Wound Debridement and Versajet Advisory Board, Smith and Nephew, New York, New York, January 24-26, 2005
- 2005 North American Burn Association (NABS) Annual Meeting, Big Sky, MT, March 19-24, 2005
- 2005 American Burn Association (ABA) Annual Meeting, Chicago, IL, May 10-13, 2005
- 2005 Wound Healing Society Symposium, "Working towards a common language- surgical wound bed preparation and debridement," Chicago, IL, May 20, 2005
- 2005 Stuttgart2005, European Wound Management Association Conference, Stuttgart, Germany, September 15-17, 2005
- 2005 European Burn Association, Estoril, Portugal, September 21-24, 2005
- 2005 American Society of Plastic Surgeons Annual Meeting, Chicago, IL, September 23-28, 2005
- 2005 VIII Congreso Venezolano de Quemaduras (Burn Congress), Caracas, Venezuela, November 22-25, 2005
- 2006 North American Burn Society, Jackson Hole, WY, January 21-26, 2006
- 2006 Burn and Wound Care Symposium, Maui, HI, February 20-26, 2006
- 2006 American Burn Association, Las Vegas, NV, April 4-7, 2006
- Coordinator: Burn Special Interest Group at ABA

2006 Plastic Surgery Research Council, Dana Point, CA, May 17-20, 2006
2006 European Wound Management Association, Prague, Czechoslovakia, May
18-20, 2006

Published Work:

Articles:

1. Tenenhaus M, Hansbrough JF, Zapata-Sirvent RL, O'Hara M, Nyhan W. Supplementation of an elemental enteral diet with alanyl-glutamine decreases bacterial translocation in burned Mice. *Burns* 20:220-225, 1994. Article
2. Hansbrough JF, Tenenhaus M. Preburn CRF transmission in burned mice. *Burns* 20:282, 1994. Article
3. Tenenhaus M, Hansbrough, JF, Zapata-Sirvent R, Neumann T. Treatment of burned mice with hyperbaric oxygen reduces mesenteric bacteria but not pulmonary neutrophil deposition. *Arch Surg* 129:1338-1342, 1994. Article
4. Zapata-Sirvent RL, Tenenhaus M, Hansbrough JF, Greenleaf G, Rennekampff O. Effects of high-dose vitamin C administration on bacterial translocation and lung neutrophil sequestration in burned mice. *J Burn Care Rehabil* 16:422-428, 1995. Article
5. Rennekampff OH, Hansbrough JF, Tenenhaus M, Kiessig V, Yi ES. Effects of early and delayed wound excision on pulmonary leukosequestration and neutrophil respiratory burst activity in burned mice". *Surgery* 118:884-892, 1995. Article
6. Hansbrough JF, Wikstrom T, Braide M, Tenenhaus M, Rennekampff OH, Kiessig V, Bjursten LM. Neutropil activation and tissue neutrophil sequestration in a rat model of thermal injury". *J Surg Res* 61:17-22, 1996. Article
7. Hansbrough JF, Wikstrom T, Braide M, Tenenhaus M, Rennekampff OH, Kiessig V, Zapata-Sirvent R, Bjursten L. Effects of E-selectin and P-selectin blockade on neutrophil sequestration in tissues and neutrophil oxidative burst in burned rats. *Crit Care Med* 24:1366-1372, 1996. Article
8. Hansbrough J, Tenenhaus M, Wikstrom T, Braide M, Rennekampff OH, Kiessig V, Bjursten LM. Effects of recombinant bactericidal/permeability-increasing protein (rBPI₂₃) on neutrophil activity in burned rats. *J Trauma* 40:886-893, 1996. Article
9. Rennekampff OH, Tenenhaus M, Hansbrough J, Kiessig V, Zapata-Sirvent RL. Effects of recombinant bactericidal, permeability-increasing protein on bacterial translocation and pulmonary neutrophil sequestration in burned mice. *J Burn Care Rehabil* 18:17-21, 1997. Article
10. Tenenhaus M, Virden C, Zapata-Sirvent R, Hansbrough JF. Techniques to minimize

blood loss and simplify postoperative care of buttock skin-graft donor sites. *Plast Reconstr Surg* 97:1312-1313, 1997. Article

11. de la Torre J, Tenenhaus M, Douglas BK, Swinburne JK. A simplified technique of otoplasty: the temporary Kaye suture. *Ann Plast Surg* 41:94-96, 1998. Article
12. Shusterman EM, Rickman LS, Tenenhaus M. Pseudochondritis of the burned ear: differentiating mafenide-induced hypersensitivity from true auricular infection. *Infect Dis Clin Practice* 8:166-170, 1999. Article
13. de la Torre JI, Tenenhaus M, Gallagher PM, Sachs SA. Harvesting iliac bone graft: decreasing the morbidity. *Cleft Palate Craniofac J* 36:388-390, 1999. Article
14. Krejci-Papa NC, Cardon WR 2nd, Hoang A, Tenenhaus M, Hansbrough JF. A comparison of the outgrowth potentials of split-thickness skin grafts sectioned by scalpel, mechanical mesher, and CO₂ laser. *J Burn Care Rehabil* 20:400-405, 1999. Article
15. de La Torre JI, Gallagher PM, Douglas BK, Tenenhaus M. Repairing the cleft lip nasal deformity. *Cleft Palate Craniofac J* 37:234-242, 2000. Article
16. de la Torre J, Simpson RL, Tenenhaus M, Bourhill I. Using lower eyelid fascial slings for recalcitrant burn ectropion. *Ann Plast Surg* 46:621-624, 2001.
17. Szulgit G, Rudolph R, Wandel A, Tenenhaus M, Panos R, Gardner H. Alterations in fibroblast $\alpha 1\beta 1$ integrin collagen receptor expression in keloids and hypertrophic scars. *J Invest Dermatol* 118:409-415, 2002. Article
18. Tenenhaus M, Bhavsar D, Rennekampff HO. The posterior interosseous nerve as a donor source for nerve grafting: a concept revisited. *Plast Reconstr Surg* 115:1215-1216, 2005. Article
19. Rennekampff H-O, Tenenhaus M. Turnover flap closure of recalcitrant tracheostomy fistula-A simplified approach. *Plast reconstr Surg*, 2005, in press.
20. Rennekampff H-O, Schaller H-E, Wisser D, Tenenhaus M. Debridement of burn wounds with a water jet surgical tool. *Burns*, 2005, in press.
21. Tenenhaus M, Rennekampff H-O, Pfau M, Hamprecht K. Cytomegalovirus and Burns: current perceptions, awareness, diagnosis and management strategies in the USA and Germany. *J Burn Care Rehabil*, 2005, in press.
22. Tenenhaus M, Stein P, Rennekampff O, Koch Johannes, Bhavsar D. Role of apoptosis in burn. Submitted

23. Tenenhaus M, Bhavsar D. One stage early extensor tendon reconstruction in deep thermal injury of dorsum of hand, our experience. Submitted.
24. Tenenhaus M, Bhavsar D. Do pre-operative surgical marking pose infectious risk? Surgeons' perspective. Submitted.
25. Tenenhaus M: Surgical approaches to fractures of the angle of the jaw and condyle, a simplified technique. Submitted.

Book Chapters:

1. Tenenhaus, M. Plastic and Reconstructive Surgery. In: Essential Surgical Practice/Higher Surgical Training in General Practice – 4th Edition (A Cuschieri, RJC Steele, AR Moossa, editors). Arnold, London, pp. 1357-1370, 2002.
2. Wilson WC, Greenberg M, Wong L, Tenenhaus M, Potenza B. Burn injuries (Chapter 34). In: Trauma: Reconstruction, Anesthesia, and Critical Care. (WC Wilson, CM Grande, DB Hoyt, editors) Marcel Dekker Inc, New York, in press.
3. Tenenhaus M. The burned elbow. In: Burn Reconstruction. (BM Achauer, editor), Thieme Medical Publishers, New York, in press.
4. Tenenhaus M. Burn upper extremity. In: Actualizacion en Quemaduras – 2nd Edition (RZ Sirvent, editor), in press. (IN SPANISH)
5. Helm A, Tenenhaus M. Occupational therapy and rehabilitation, the burned upper extremity. In: Actualizacion en Quemaduras – 2nd Edition (RZ Sirvent, editor), in press. (IN SPANISH)
6. Fuchs S, Tanenhaus M. Burn nutrition. Nutrition support in burn patients. In: Actualizacion en Quemaduras – 2nd Edition (RZ Sirvent, editor), in press. (IN SPANISH)

Published Abstracts, Posters:

1. Hansbrough J, Zapata-Sirvent R, Tenenhaus M, O'Hara M, Nyhan W. "Effects of dietary glutamine and fiber on bacterial translocation in mice following 32% TBSA burn" presented at 1994 American Burn Association Meeting, 1994. Abstract
2. Tenenhaus M. "Hyperbaric Oxygen treatment decreases bacterial translocation in a murine burn model". Presented at Surgical Infection Society April 27-29, 1994 at Royal York Hospital in Toronto, Canada, April 27-29, 1994. Abstract
3. Tenenhaus M, Greenleaf, G, Hansbrough JF. "The use of cyclosporin A to prolong allograft take in a critically ill burn patient - A case report". Presented at American

Association of Tissue Banks, San Francisco, CA, August 20-24, 1994.

4. Tenenhaus M, Rennekampff O, Hansbrough J, Greenleaf G. "Effects of various wound coverings on contraction of widely-meshed and expanded skin grafts in mice. Presented at American Burn Association, Albuquerque, NM, 1995. Abstract
5. Rennekampff O, Hansbrough, J, Tenenhaus M. "Effects of early burn wound excision on lung Neutrophil sequestration". Presented at American Burn Association, Albuquerque, NM, 1995. Abstract
6. Tenenhaus, M. "Neutrophils and Tissue Injury after Burns" Presented at Current Concepts in Burn Care Meeting, La Jolla, CA, March 30-April 3, 1995. Abstract
7. Tenenhaus M, Reindel E, Rennekampff HO, Keissig V. "Quantitative colorimetric assay of hemoglobin content in surgical wounds". Presented at the Amer Burn Assoc 27th Annual Meeting, Albuquerque, NM, April 1995. Abstract
8. Rennekampff HO, Tenenhaus M, Keissig V, Greenleaf G, Hansbrough JF. "Bactericidal Permeability Increasing Protein (rBPI₂₃) reduces bacterial translocation after burn injury". Presented at the Amer Burn Assoc 27th Ann Mtg, Albuquerque, NM, April 1995. Abstract
9. Rennekampff HO, Tenenhaus M, Keissig V, Hansbrough JF. "Effects of early burn wound excision on lung neutrophil sequestration". Presented at the Amer Burn Assoc 27th Ann Mtg, Albuquerque, NM, April 1995. Abstract
10. Renekampff HO, Tenenhaus M, Keissig V, Hansbrough JF. "Leukosequestration following burn injury in mice measured by an improved myeloperoxidase assay: A time course study". Presented at the Amer Burn Assoc 27th Ann Mtg, Albuquerque, NM, April 1995. Abstract
11. Tenenhaus M, Reindel E, Rennekampff HO, Keissig V. "Effects of wound coverings on contraction of widely-meshed and expanded skin grafts in mice". Poster presentation at the Amer Burn Assoc 27th Ann Mtg, Albuquerque, NM, April 1995. Abstract
12. Tenenhaus M. "New approaches to the treatment and management of Toxic Epidermal Necrolysis" Presented at the Nassau County Surgical Society, New York, NY, Nov 1995. Abstract
13. Tenenhaus M, Gudjonsson O, Simpson R. "Enteral Hyperalimentation-An algorithm for the care of the Pediatric burn patient". Presented as a poster at the Amer Burn Assoc 1996. Abstract
14. Tenenhaus M. "Ear keloids - a five year retrospective experience at the Nassau County Medical Center". Presented at the Nassau Surgical Annual Meeting, New

York, NY, Dec, 1996. Abstract

15. Shusterman M, Yashar S, Tenenhaus M. Use of Topical Hydroquinone in the Treatment of Hyperpigmented Burn Scar. 1999 panel discussion session presentation
16. Sgulzit G, Rudolph R, Wandel A, Tenenhaus A, Gardner H. –Integrin expression in keloidal fibroblasts: Do over-zealous cells know when to quit? Scripps Cell Biology Meeting Jan 2000. Poster
17. Karamanoukian R, DeLaRosa J, Tenenhaus M, Bouvet M. “Non-Melanomatous Skin Cancer Under Age 35, Management and Outcome”, Presented at the American College of Surgeons, New Orleans, LA, October 2001. *Presentation by resident – award winner.*
18. Tenenhaus M; Pfau M, Schaller He, Rennekampff Ho. “CMV Infection in Burns, Survey Among Us And German Burn Centers.” Abstract presentation. 6th World Congress on Trauma, Shock, Inflammation, and Sepsis – Pathophysiology, Immune Consequences and Therapy. LMU Munich, Klinikum Grosshadern. March 02-06, 2004
19. Tenenhaus M. Characterization of effects of polylactate thin film on wound contraction in full-thickness skin wound in mice model, Abstract presented at The International Society for Burn Injuries (ISBI) 12th Congress, Pacifico Yokohama, Japan, August 22-26, 2004
20. Tenenhaus M. CMV infection and burns, Abstract presented at The International Society for Burn Injuries (ISBI) 12th Congress, Pacifico Yokohama, Japan, August 22-26, 2004
21. Tenenhaus M. Integra as a biomechanical barrier for tendon adhesion: a biomechanical and histologic analysis. Presented at The International Society for Burn Injuries (ISBI) 12th Congress, Pacifico Yokohama, Japan, August 22-26, 2004
22. Tenenhaus M, Bhavsar D: “A novel direct method for approach of jaw fractures”, Short paper accepted for presentation in APSICON, India 2004.
23. Tenenhaus M, Bhavsar D: “Role of biosynthetics as biomechanical barrier in reducing the tendon adhesions”, Short paper accepted for presentation in APSICON, India 2004.
24. Tenenhaus M, Bhavsar D: “Alloderm-Acellular allograft dermis – for coverage of exposed joints”, Short paper accepted for presentation in APSICON, India 2004.
25. Tenenhaus M, Bhavsar D: “Dermal substitutes – Role in war and peace”, full paper accepted for presentation in APSICON, India 2004.

26. Tenenhaus M, Helm A, Bryne T, Bhavsar, D, Potenza B: "A foam splint for protecting groin flaps", Poster presentation at the Amer Burn Assoc, Chicago, IL, October 2004. Abstract.
27. Tenenhaus M, Pfau, Schaller, Rennekampff. CMV Infections in Burns. Survey among US and German Burn Centers. Shock 21:152, 2004. Abstract
28. Tenenhaus M, Bhavsar D, Koch J, Rennekampff O, Stein P. Role of apoptosis in burn, Full Paper presented at the Annual North American Burn Society Meeting, Big Sky, MT, March 2005
29. Tenenhaus M, Bhavsar D, Koch J, Rennekampff O, Stein P. Role of Apoptosis in Burn. American Burn Association Annual Meeting, Chicago, IL, May 10-13, 2005.
30. Potenza BM, Lozano D, Lindberg G, Tenenhaus M, Muller P. An epidemiologic study of the 2003 wildfire, Presented at the 37th Annual American Burn Association Meeting, Chicago, IL, May 10-13, 2005
31. Tenenhaus M, Bhavsar D, Koch J, Rennekampff O, Stein P. Role of apoptosis in zone of stasis. Full Paper presented at the Annual Plastic Surgery Research Council Meeting, Toronto, Canada, May 18-21, 2005.
32. Tenenhaus M, Rennekampff HO, Bhavsar D, Potenza B. Combining high pressure water jet debridement with a biosynthetic dressing for the treatment of deep partial thickness and indeterminate thickness burns. Presented at Stuttgart 2005 European Wound Management Association Conference, Stuttgart, Germany, September 15-17, 2005.
33. Tenenhaus M, Rennekampff O, Stein P, Bhavsar D, Koch J, Xie H-B. Ischemia-reperfusion, apoptosis, and hyperthermia preconditioning. Oral presentation at Annual Meeting of European Tissue repair Society, Stuttgart, Germany, September 15-17, 2005.
34. Tenenhaus M, Rennekampff O, Stein P, Bhavsar D, Koch J, Xie H-B. Thermal injury leads to caspase 3 and PARP induction in burn wounds. Presented at Annual Meeting of European Tissue repair Society, Stuttgart, Germany, September 15-17, 2005.
35. Tenenhaus M, Bhavsar D, Mahar A, Odell T. Integra as a biomechanical barrier to reduce post-operative tendon adhesions, To be presented at the Annual Meeting of the American Society of Plastic Surgeons, Chicago, IL, September 23-28, 2005
36. Rennekakmpff HO, Tenenhaus M, Sauter M, Mertz I, Schaller HE, Rodemann HP. Thermal injury leads to caspase 3 and PARP induction in burn wounds. Presented at European Burn association Meeting, Estoril, Portugal, September, 2005.
37. Rennekakmpff HO, Koch J, Bhasar D, Tenenhaus M. Heat preconditioning of muscle

in ischemia-reperfusion injury in rats. Presented at European Burn association Meeting, Estoril, Portugal, September, 2005.