

# Ava Teresa Shamban, M.D.

Ava MD Santa Monica  
2021 Santa Monica Blvd Suite 600E  
Santa Monica, CA, 90404  
310.828.2282

Ava MD Beverly Hills  
9915 S. Santa Monica Blvd  
Beverly Hills, CA, 90212  
310.843.9915

ATS Clinical Research  
2021 Santa Monica Blvd Suite 600E  
Santa Monica, CA, 90404  
310.828.2282

## **PERSONAL INFORMATION**

Email: [ava@avamd.com](mailto:ava@avamd.com)  
Place of birth: Los Angeles, California  
California physician's license: G50969  
New York physician's license: 10254826-1  
Hawaii physician's license: 15054  
Illinois physician's license: 036.135907

## **EDUCATION**

Westlake High School, Los Angeles, CA  
Harvard University, Cambridge, MA, BA magna cum laude - 1978  
Case Western Reserve University Medical School, Cleveland, OH-M.D. - 1982

## **POSTGRADUATE TRAINING**

1982-1983	Intern, internal medicine, Mt. Sinai Medical Center, Cleveland, OH
1985-1986	Research Fellow in dermatology, Harbor-UCLA Medical Center, Torrance, CA
1986-1989	Resident in dermatology, Harbor-UCLA Medical Center, Torrance, CA

## **PRACTICE EXPERIENCE**

1983-1984	General practice & medical director of the Rural Health Project, King City, CA
1984-1985	General practice, Immediate Medical Care, Monterey, CA
1989-1996	Dr. Murad, Affiliated Dermatology, Los Angeles, CA
1996-present	Ava MD, Cosmetic and Medical Dermatology, Santa Monica and Beverly Hills, CA

## **AWARDS**

Summer research grant from the Department of Family Medicine at Case Western Reserve University, 1980  
AOA, elected 1981  
Dermatology Foundation research grant from Shulton-LaPrairie, 1986  
Solomon Scholar Award, May 1987, May 1989

Nelson Paul Anderson Memorial Award, 1988  
A Place Called Home, 2007

### **CERTIFICATIONS**

American Board of Dermatology Certified, November 6, 1989  
Good Clinical Practice Certified, April 29, 2012  
Certified La Vive injector  
Certified Belotero injector

### **COMMUNITY-SERVICE ACTIVITIES**

Cleveland Free Clinic, Cleveland, OH, 1982  
Lecturer, "Alcoholism and the Family," Monterey, CA, 1984  
Santa Monica College Foundation Board, 1999- current

### **ATTENDING PHYSICIAN**

Assistant Clinical Professor Dermatology, UCLA, Los Angeles

### **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

Los Angeles Metropolitan Dermatological Society  
American Academy of Dermatology  
American Society for Laser Medicine & Surgery  
American Society for Dermatologic Surgery  
California Academy of Cosmetic Surgery  
The Dermatological and Aesthetic Surgery International League

### **PUBLISHED WORK AND WORK IN PROGRESS**

#### ***PUBLISHED BOOKS***

- Shamban, Ava. *Heal Your Skin: The Breakthrough Plan for Renewal*, New Jersey: Wiley, 2011. Print.

#### ***PUBLISHED PAPERS***

- Miller, A. L. and Shamban, A., "A Comparison of Methods for Stopping Intermediary Metabolism of Developing Rat Brain," *Journal of Neurochemistry*, 28:1327-1334, 1977.
- Olsen, D. R., Fazio, M. J., Shamban, A. T., Rosenbloom, J. and Uitto, J., "Cutis Laxa: Reduced Elastin Gene Expression in Skin Fibroblast Cultures as Determined by Hybridization with a Homologous cDNA and Exon-1 Specific Oligonucleotide," *Journal of Biological Chemistry*, 263:6465-6467, 1988.

- Shamban, A., Et Al. "Familial Cutaneous Collagenoma-Clinical, Genetic and Biochemical-Studies Of 2 Families." *Clinical Research*. Vol. 36. No. 1. 6900 Grove Rd, Thorofare, Nj 08086: Slack Inc, 1988.
- Murad, H., Shamban, A. T., Moy, L. S. and Moy, R. L., "The Treatment of Acne with Glycolic Acid," *Cosmetic Dermatology*, November 1992.
- Karnes, P. S., A. T. Shamban, D. R. Olsen, M. J. Fazio, and R. E. Falk. "De Barsy syndrome: Report of a case, literature review, and elastin gene expression studies of the skin." *American journal of medical genetics* 42, no. 1 (1992): 29-34.
- Murad, H., Shamban, A. T. and Moy, L. S., "Polka Dot Syndrome: A More Descriptive Name for a Common Problem," *Cosmetic Dermatology*, March 1993.
- Murad, Howard, Ava T. Shamban, and Paul Scott Premo. "The use of glycolic acid as a peeling agent." *Dermatologic clinics* 13, no. 2 (1995): 285-307.
- Nicholas J. Lowe, Ava Shamban, Bojidar Grozdev & Donna Moore, "Microwave Delivery System for Lower Leg Telangiectasia," *Journal of Cutaneous Laser Therapy*, 2(1):3-7, March 2000.
- Leslie S. Baumann, MD, Ava T. Shamban, MD, Mary P. Lupo, MD, Gary D. Monheit, MD, Jane A. Thomas, AAS, CCRA, Diane K. Murphy, MBA and Patricia S. Walker, MD, "Comparison of Smooth-Gel Hyaluronic Acid Dermal Filler with Cross-linked Bovine Collagen: A Multicenter, Double-Masked, Randomized, Within-Subject Study," *Dermatologic Surgery*, Suppl. 2:S128-35, December 2007.
- Ava Shamban, MD, Mikiko Enokibori, MD, Vic Narurkar, MD, Donna Wilson, RN "Photopneumatic Technology for the Treatment of Acne Vulgaris," *Journal of Drugs in Dermatology*, 7(2):105-111, February 2008.
- Ava Shamban, MD, "Combination Hand Rejuvenation Procedures," *Aesthetic Surgery Journal*, 29(5):409-413, September/October 2009.
- Shamban, Ava T., and Vic A. Narurkar. "Multimodal treatment of acne, acne scars and pigmentation." *Dermatologic clinics* 27, no. 4 (2009): 459-471.
- Ava T. Shamban, MD, "Current and New Treatments of Photodamaged Skin," *Facial Plastic Surgery*, 25(5):337-346, 2009.
- Glogau RG, Bank D, Brandt F, Cox SE, Donofrio L, Dover J, Grekin S, Lawrence I, Lin X, Nestor M, Shamban A, Stewart D, Weiss R, Axford-Gatley RA, Theisen MJ, Smith S. "A Randomized, Evaluator-Blinded, Controlled Study of the Effectiveness and Safety of Small Gel Particle Hyaluronic Acid for Lip Augmentation." *Dermatological Surgery*, 2012 Jul (38): 1180-1192, 2012.

- Smith SR, Lin X, Shamban A. "Small Gel Particle Hyaluronic Acid Injection Technique for Lip Augmentation". *J Drugs Dermatol*. 2013;12(7):764-769.
- Zaenglein, Andrea L., Ava Shamban, Guy Webster, James Del Rosso, Jeffrey S. Dover, Leonard Swinyer, Linda Stein et al. "A phase IV, open-label study evaluating the use of triple-combination therapy with minocycline HCl extended-release tablets, a topical antibiotic/retinoid preparation and benzoyl peroxide in patients with moderate to severe acne vulgaris." *Journal of drugs in dermatology: JDD* 12, no. 6 (2013): 619-625.
- Narurkar, Vic A., Michael Gold, and Ava T. Shamban. "Photopneumatic technology used in combination with profusion therapy for the treatment of acne." *The Journal of clinical and aesthetic dermatology* 6, no. 9 (2013): 36.
- Karnik, Jwala, Leslie Baumann, Suzanne Bruce, Valerie Callender, Steven Cohen, Pearl Grimes, John Joseph et al. "A double-blind, randomized, multicenter, controlled trial of suspended polymethylmethacrylate microspheres for the correction of atrophic facial acne scars." *Journal of the American Academy of Dermatology* 71, no. 1 (2014): 77-83.
- Shamban, Ava. "Safety and Efficacy of Facial Rejuvenation with Small Gel Particle Hyaluronic Acid with Lidocaine and AbobotulinumtoxinA in Post-Chemotherapy Patients: A Phase IV Investigator-initiated Study." *The Journal of clinical and aesthetic dermatology* 7.1 (2014): 31.
- Schlessinger, Joel, et al. "Long-Term Safety of AbobotulinumtoxinA for the Treatment of Glabellar Lines: Results From a 36-Month, Multicenter, Open-Label Extension Study." *Dermatologic Surgery* 40.2 (2014): 176-183.
- Kane, Michael AC, Michael H. Gold, William P. Coleman III, Derek H. Jones, Emil A. Tanghetti, Tina S. Alster, Tom E. Rohrer, Cheryl M. Burgess, Ava T. Shamban, and Eleanor Finn. "A Randomized, Double-Blind Trial to Investigate the Equivalence of IncobotulinumtoxinA and OnabotulinumtoxinA for Glabellar Frown Lines." *Dermatologic Surgery* 41, no. 11 (2015): 1310-1319.
- Shamban, Ava. "Customized Approach to Facial Enhancement." *Facial plastic surgery clinics of North America* 23.4 (2015): 471-477.
- Gallo, Richard L., Vivian W. Bucay, Ava T. Shamban, Janice Lima-Maribona, Amy B. Lewis, Cherie M. Ditre, Flor A. Mayoral, and Michael H. Gold. "The Potential Role of Topically Applied Heparan Sulfate in the Treatment of Photodamage." *Journal of drugs in dermatology: JDD* 14, no. 7 (2015): 669-674.
- Narurkar, Vic, Ava Shamban, Peter Sissins, Anthony Stonehouse, and Conor Gallagher. "Facial treatment preferences in aesthetically aware women." *Dermatologic Surgery* 41 (2015): S153-S160.
- Beer, Kenneth, Richard G. Glogau, Jeffrey S. Dover, Ava Shamban, Lata Handiwala, Jason T. Olin, and Brian Bulley. "A randomized, evaluator-blinded, controlled study of

effectiveness and safety of small particle hyaluronic acid plus lidocaine for lip augmentation and perioral rhytides." *Dermatologic Surgery* 41 (2015): S127-S136.

- Narurkar, V. A., Cohen, J. L., Dayan, S., Kaminer, M. S., Rivkin, A., Shamban, A., ... & Drinkwater, A. (2016). A Comprehensive Approach to Multimodal Facial Aesthetic Treatment: Injection Techniques and Treatment Characteristics From the HARMONY Study. *Dermatologic Surgery*, 42, S177-S191.

#### **BOOK CHAPTERS AND REVIEW ARTICLES**

- Uitto, J., Murray, L., Blumberg, B. and Shamban, A., "Biochemistry of Collagen in Diseases," *Annals of Internal Medicine*, 105:740-756, 1986.
- Uitto, J. and Shamban, A., "Heritable Skin Diseases with Molecular Defects in Collagen or Elastin," in *Dermatology Clinics on Genodermatoses* (Alper, J. L., ed.), W. B. Saunders Co., Philadelphia, 5:63-84, 1987.
- Shamban, A. and Uitto, J., "Diseases of Connective Tissue," in *Textbook of Pediatric Dermatology* (Ruiz-Maldonado, R., Parrish, L. and Baere, J. M., eds.), Grune and Stratton, New York, 1988.
- Murad, H., Shamban, A. and Premo, P., "The Use of Glycolic Acid as a Peeling Agent," in *Dermatologic Clinics* (Pinski, J. B. and Pinski, K., eds.), W. B. Saunders Co., Philadelphia, 13:285-307, 1995.
- Shamban, Ava T., MD, and Narurkar, Vic A. MD, "Multimodal Treatment of Acne, Acne Scars and Pigmentation," in *Dermatologic Clinics* (Narurkar, V. A., ed.), W. B. Saunders Co., Philadelphia, 27:459-471, 2009.
- Shamban, Ava, MD, "Diverse Populations in Aesthetics--Ethnic Skin" in *Cosmetic Bootcamp Primer* (in press, 2010).
- "Diverse Populations in Aesthetics--Young People," *Cosmetic Bootcamp Primer*, (in press, 2010).
- Shamban, Ava T., MD, "Clinical Evaluation Report for Solta's IPL systems", Review Article, Solta Medical, 2011.

#### **ABSTRACTS**

- Shamban, Ava, MD and Narurkar, Vic, MD, "Multimodal Treatment of Acne, Acne Scars and Pigmentation", ASLMS, 2009.
- Shamban, Ava, MD and Narurkar, Vic, MD, "Retrospective Analysis of the Safety of Energy-Based Devices in Post Chemotherapy and Radiation Therapy Patients", ASLMS, February 2010.

- Shamban, Ava, MD, Narurkar, Vic, MD, Dierickx, Katherine and Chang “Combined Fractional, Non-Ablative Treatment Of Striae: Clinical And Histological Observations”
- Richard Glogau, M.D., Xiaoming Lin, Stacy R. Smith, M.D., Shamban, Ava, MD and the Restylane Lip Study Group, “A Randomized, Evaluator-Blinded, Controlled Study of the Effectiveness and Safety of a Small Gel Particle Hyaluronic Acid for Lip Augmentation”, Winter Clinical WDCDC, 2011.
- Richard Glogau, M.D., Xiaoming Lin, Stacy R. Smith, M.D., and the Restylane Lip Study Group, “A Randomized, Evaluator-Blinded, Controlled Study of the Effectiveness and Safety of a Small Gel Particle Hyaluronic Acid for Lip Augmentation”, MauiDerm, 2012.
- Narurkar, Vic, MD and Shamban, Ava, MD, “A Multi-Center Retrospective Analysis of Safety following a Cryolipolysis Treatment in Darker Skin Types”, ASDS, October 2012.
- IncobotulinumtoxinA versus OnabotulinumtoxinA in the Treatment of Glabellar Facial Lines: Results from a Multicenter, Randomized, Double-Blinded Trial, AAD, 2016

#### ***E POSTERS***

- Shamban, Ava, MD and Narurkar, Vic, MD., “Multimodal Treatment of Acne and Acne Scars,” ASLMS, September 2009.
- Susan C. Taylor, MD; Roy G. Geronemus, MD; David E. Bank, MD, FAAD; Ava Shamban, MD; Diane K. Murphy, MBA. “Safety and Effectiveness of the Hyaluronic Acid Injectable Gel, VYC--15L, for Lip and Perioral Enhancement: Multicenter, Randomized, Controlled Trial”, ASDS 2016

#### ***SUBMITTED PAPERS***

- A. T. Shamban, MD and V. A. Narurkar, MD, “A Multi-Center Retrospective Analysis of Safety following a Cryolipolysis Treatment in Darker Skin Types”
- A. Shamban, “Submental Fat Compartment Treatments”

#### ***PAPERS IN PREPARATION***

- A. T. Shamban, MD and V. A. Narurkar, MD, “A Novel Acne Scale” by Ava Shamban and “A Novel, Validated Acne Scale”
- A. T. Shamban, MD, “Cutaneous Side Effects of Chemotherapy and Target Cancer Treatment”
- A. T. Shamban, “Signature Feature: A Novel Concept in Beauty”

## **PRESENTATIONS AT REGIONAL AND NATIONAL MEETINGS**

- “Injectable Facial Aesthetic Treatments and Techniques: Advances in Contouring and Augmentation,” Allergan, January 2001.
- “Visual Learning Session–Filler”, Hawaii Dermatology Seminar, Kauai, Hawaii, February 2006.
- “The Pursuit of Beauty,” WYPO, Beverly Hills, July 2006.
- “New Technique of Injecting,” ASDS, Palm Springs, CA, August 2006.
- “Skin Rejuvenation Secrets,” “Insights into Lip and Eye,” “Body Contouring Using Radiofrequency”, “Photopneumatic Light-Based Treatments,” “What is Beauty?”, “Aesthera; workshop,” “Accent Before and After Ultrasound Images” “Alma Lasers,” “Well-being through Technology,” The Aesthetic Show, Las Vegas, May 2007.
- Photopneumatic Light-Based Treatments,” Aesthera; workshop, Aspen Cosmetic Bootcamp, May 2007.
- “Extreme Techniques Used in Extreme Makeover,” Aspen Cosmetic Bootcamp, June 2007.
- “Photopneumatic Therapy for the Treatment of Mild to Severe Acne,” “Lips,” “Nasolabial Folds,” “Restylane and Perlane,” “Acne and the Isolaz System; workshop,” MauiDerm, Maui, Hawaii, February 2008.
- “Female Entrepreneurs: A Contradiction in Terms?” UCLA Anderson School of Business, April 2008.
- “Novel Extreme Techniques Developed for Accelerated Improvement”, “Purpose of Cosmetic Dermatology”, “Hands Rejuvenation,” “Thermage; workshop,” “Photopneumatic Light-Based Treatments,” “Aesthera; workshop,” The Aesthetic Show, Las Vegas, May 2008.
- “The Art and Science of Fillers and Injectables,” ASDS, Los Angeles, California, October, 2008.
- “Multimodal Treatment for Acne and Acne Scars,” ASDS, Phoenix, Arizona, November 5, 2008.
- “Extreme Makeover: Your Customer Service Credo,” “Media and Expectations,” Las Vegas Cosmetic Bootcamp, December 2008.
- “Extreme Makeover: Your Customer Service Credo,” The 2009 Symposium South Beach, February 2009.

- “Advances in Nonsurgical Rejuvenation: The 10 Years Younger Plan,” Westlake MOMS, Los Angeles, February 2009.
- “Multimodal Treatment for Acne and Acne Scars,” Grand Rounds Harbor-UCLA, Dermatology Division, March 2009.
- “Advances in Nonsurgical Rejuvenation: The 10 Years Younger Plan,” UCLA, May 2009.
- “Doing It All: Communications, Negotiations and Balance at Life and at Work,” UCLA Anderson School of Business, June 2009.
- “Smoothshapes,” The Aesthetic Show in Las Vegas, Nevada, June 2009.
- “Advances in the Use of Nonanimal Stabilized Hyaluronic Acid (NASHA),” January 16; “Tips for Better Patient Outcomes,” Advanced live-patient workshop (physicians’ certification course): round-table discussion, Ava T. Shamban, director, The 2010 South Beach Clinical Dermatology Symposium, Miami Beach, Florida, January 2010.
- Women’s Dermatology Day -“It’s Not Just For Women:” “Hot Topic: Photoaging, Dyspigmentation, Melasma, Adult Acne and More...,” panel discussion, MauiDerm, Maui, Hawaii, January 2010.
- Toxins and Dermal Fillers Day: Demonstration–“Toxins,” panel discussion; Luncheon with the Faculty–(1) “General Injection Session,” (2) “Fillers,” panel discussions; Demonstrations–Small Group Training Sessions: “Toxins and Fillers by Product,” MauiDerm, Maui, Hawaii, January 2010.
- “Multimodal Treatment for Adult Acne and Acne Scars”, 6th Annual MauiDerm, Maui, Hawaii, January 2010.
- “Avoiding Treatment Complications,” ASDS, San Francisco, November 2010.
- “Treatment Options for Hand Rejuvenation”, The 6th Annual Facial Cosmetic Surgery 2010, Las Vegas, NV, July 2010.
- “Noninvasive Fat Reduction: Hot, Cold, Radio or TV”, Cosmetic Boot Camp, Aspen, CO, July 2011.
- “Dermal Fillers”, MauiDerm, Maui, Hawaii, February 2012.
- “Application of Our Aesthetic Toolbox for the Treatment of Medical and Dermatologic Disorders” (Live Demonstration), AAD, San Diego, CA, March 2012.
- “Doctors and the Media”, Cosmetic Bootcamp, Aspen, Colorado, July 2012.



- “What is Beauty?”, UCLA Grand Rounds, Los Angeles, CA, August 2012.
- “Controversies in Dermatological Surgery”, ASDS, Atlanta, Georgia, October 2012.
- “How to Determine if Adding a Skin Care Line is Appropriate for Your Practice”, ASDS, Atlanta, Georgia, October 2012.
- Toxins: Onstage Live Patient Demonstrations, MauiDerm, Maui, Hawaii, January, 2013.
- Dermal Fillers Symposium, MauiDerm, Maui, Hawaii, January, 2013.
- Onstage Live Filler Demonstration, MauiDerm, Maui, Hawaii, January, 2013.
- “Marketing 101”, TSLMS, Nashville, Tennessee, February, 2013.
- “What Is Beauty?”, TSLMS, Nashville, Tennessee, February, 2013.
- “What Is Beauty?”, Cosmetic Bootcamp, Aspen, CO, June, 2013.
- “Soft-tissue Filler and Neuromodulator Mini-workshop”, ASDS, Chicago, IL, October, 2013.
- “Analyzing the Cosmetic Patient: Ready or Not”, ASDS, Chicago, IL, October, 2013.
- “Signature Feature”, MauiDerm, Maui, Hawaii, February 2014.
- “Impact of Beauty in Modern Times”, Cosmetic Bootcamp, Aspen, CO, June 12-15, 2014.
- “Optimizing Your Practice”, 2014 ASDS Annual Meeting, San Diego, CA, November 6-9, 2014.
- “What is Beauty?”, Cosmetic Bootcamp Extenders Winter Session, Vegas, NV, December 4-6, 2014.
- “Neuromodulators: From Science to Practice”, Cosmetic Bootcamp Extenders Winter Session, Vegas, NV, December 4-6, 2014.
- “Media Tips on Practice Awareness”, Cosmetic Bootcamp Extenders Winter Session, Vegas, NV, December 4-6, 2014.
- “What is My Treatment?”, MauiDerm, Maui, Hawaii, January 2015.
- Live Demonstration: Soft Tissue Augmentation and Neuromodulators – Simultaneous Cadaver Prosection and Live Patient Injections, AAD, March 20 2015.
- “Successful Practice Marketing”, Chicago, IL. ASDS, October 2015.
- “Cribs: Creating a Sophisticated Dermatology Office”, Chicago, IL. ASDS, October 2015.

- “The Evolving Science of Cosmeceuticals and Skincare”, Cosmetic BootCamp, Aspen, CO, July 2015.
- “Cosmeceuticals for Any Age: Incorporating Ingredients for Treatment”, Generational Dermatology, Palm Springs, CA, February 2016.
- “What’s Wrong With This Picture?”, Generational Dermatology, Palm Springs, CA, February 2016.
- Neuromodulators: Onstage Live Patient Demonstration, MauiDerm, Maui, HI, January 2016.
- “Signature Feature”, Cosmetic BootCamp, Aspen, CO, July 2016.
- Filler and Devices for Acne Scarring: Onstage Live Patient Demonstration, Cosmetic BootCamp, Aspen, CO, July 2016.
- “The Feminine Mystique: Surgical and Non-Surgical Options for Female Rejuvenation”, Cosmetic BootCamp, Aspen, CO, July 2016.

***PRESENTATIONS AT INTERNATIONAL MEETINGS***

- “New Locations and Techniques for Rejuvenation,” “Evolution of Cosmetic Dermatology: U.S. Perspective,” Insights into Lip Enhancement,” Australia, April 2007.
- “Anti-Aging & Aesthetic Medicine Conference,” New Zealand College of Appearance Medicine, 2007.
- “What is Beauty,” “Skin Tightening Radiofrequency Devices,” “Lips,” Australia, August 2008.
- Philosophy of Beauty,” “Juvéderm Ultra and Ultra Plus,” “Midface Rejuvenation,” “Lips,” Queenstown, New Zealand, August 2008.
- “Multimodal Treatment for Adult Acne and Acne Scars,” International Society of Dermatology, Prague, Czech Republic, May 20, 2009.
- “What Is Beauty,” XVII World Congress of Aesthetic Medicine (WCAM), Vancouver, Canada, July 17-19, 2009.
- “Avoiding and Treating Aesthetic and Medical Complications”, WCD, Seoul, Korea, May 24-29, 2011.
- “Attractiveness from All Angles: Strategy for Assessment and Prioritization of Treatment Plan”, Allergan Asia Pacific Meeting, Cebu, Philippines, March 24-25, 2012.

- “Beauty: The Universal and the Individual”, Allergan Japanese Dermatological Association, Kyoto, Japan, May 30- June 2, 2012.
- “Trends: North American Medical Aesthetics”, Allergan Japanese Dermatological Association, Kyoto, Japan, May 30- June 2, 2012.
- “Looking Good: The Psychology of Beauty”, COSMETEX, Cairns, Australia, May 2-5, 2012.
- “Beauty with No Bounds: Non-Invasive Route to Facial Beautification”, Galderma Aesthetic Beautification Across Influential Continents Workshop, Seoul, Korea, September 21-23, 2012.
- “Signature Feature”, The Dermatological and Aesthetic Surgery International League, Bangkok, Thailand, November 6-10, 2013.
- “Optimizing Your Practice”, 12<sup>th</sup> Annual Anti-Aging Medical World Congress, Monaco, April 3-5, 2014.
- “Full Face Reflation”, The Dermatological and Aesthetic Surgery International League, Sun City, South Africa, September 7-10, 2014.
- “Filler: Pearls and Tips for Optimal Results”, The Dermatological and Aesthetic Surgery International League, Sun City, South Africa, September 7-10, 2014.
- “What is Beauty?”, The Dermatological and Aesthetic Surgery International League, Sun City, South Africa, September 7-10, 2014.
- “What is Beauty?”, International Society for Dermatological Surgery, Jerusalem, Israel, October 22- 24, 2014.
- “What is Beauty?”, 5 Continent Congress, Cannes, France, September 2015.
- “Perioral Rejuvenation”, CosDerIndia, Mumbai, India, August 2015.
- “State-of-the Art in Minimally Invasive Aesthetics: Global Advances”, ASDS at the World Congress of Dermatology, Vancouver, Canada, June 2015.

### ***CLINICAL RESEARCH STUDIES***

- Biogen, Inc., Protocol C98-709, March 1998  
Dose-response study of patients with moderate-to-severe plaque psoriasis.
- Biogen, Inc., Protocol C97-708, March 1998

Placebo, controlled dose-response study of BG9273 in subjects with moderate-to-severe plaque psoriasis.

- Allergan, Protocol 190168-025C-00, May 1998  
Comparison study of Tazarotene vs tretinoin in patients with photodamaged facial skin.
- Allergan, Protocol 190168-026P-00, August 1998  
Efficacy study of 12 weeks of treatment with oral tazarotene and four weeks of post-treatment follow-up in patients with plaque psoriasis.
- Galderma, Protocol GUS.04SPR.18004, September 1998  
A dose determination study comparing two different concentrations of nadifloxacin cream and vehicle in the treatment of subjects with acne vulgaris.
- Integrated Research, Inc., Protocol TAZ-T012, Sept 1998  
A comparison of suberythema UVB and Tazorac vs UVB and Dovonex.
- Galderma, Protocol GUS.05.SPR.18049, May 1999  
A dose determination study comparing two different concentrations and two application frequencies of clindamycin cream and its vehicle in the treatment of subjects with moderate-to-severe rosacea.
- Allergan, Protocol 190168-027P-01, 1999  
A multicenter, double-blind, randomized, placebo-controlled, parallel-group, dose-response safety and efficacy study of 12 weeks of treatment with oral tazarotene.
- Allergan, Protocol BTX-MISC-9805 BOTOX, January 1999  
Randomized Inter-Rater and Intra-Rater Reliability Study of Gravimetric Measurement of Spontaneous Resting Axillary Sweat Production Both in Patients with and Without Primary Axillary Hyperhidrosis
- Fugisawa Healthcare, Inc., Protocol 99-0-054, March 1999  
Safety study of tacrolimus ointment for atopic dermatitis.
- Allergan, Protocol 190168-033C-00, April 1999  
Safety/efficacy of Tazarotene in patients with photodamaged facial skin.
- Xoma Corporation, Protocol HUP256, June 1999  
Pharmacokinetics and biological activity of intravenously administered HU1124 in subjects with moderate-to-severe plaque psoriasis.
- Dermik, Protocol DL6020-9829, February 1999  
A double-blind efficacy and safety study of DL6020 gel vs vehicle in treatment of plaque psoriasis.
- Med Immune, Inc., Protocol M1-CP061, February 2000  
A phase I multiple-dose escalation study/antibody that binds to CD2 receptor in patients

with plaque psoriasis.

- Microwave Medical Corp., Protocol MM-301, March 2000  
A phase-three trial to evaluate the safety and effectiveness of the Microwave Medical Corp. for hair removal.
- Inamed, Protocol MM-301, October 2004  
A multicenter, randomized, within-patient, controlled study to evaluate the safety and efficacy of Juvederm Hyaluronate Gel Implants vs Zyplast Collagen Implant for the correction of nasolabial folds.
- Medicis, Protocol MA1400-02, June 2005  
A multicenter, randomized, comparative, within-patient, controlled study of sensitization to Restylane and Perlane, including an acute safety-profile assessment.
- Galderma, Protocol RD.06.SPR.18087, June, 2006  
A multi-center, randomized, double-blind, parallel Group study to demonstrate the efficacy and safety of Adapalene/Benzoyl Peroxide Topical Gel compared with Adapalene Topical Gel, 0.1%; Benzoyl Peroxide Topical Gel 2.5% and Topical Gel Vehicle in Subjects with Acne Vulgaris.
- Medicis, Protocol A-2006-01, January 2007  
A phase III, randomized, placebo-controlled, multi-center, double-blind study of the safety and duration of the efficacy of Reloxin (Botulinum Type A Toxin) in correction of moderate to severe glabellar lines.
- Isolagen, Protocol IT-R-007, March 2007  
A phase II multicenter, open-label, trial of the safety and efficacy of Isolagen Therapy in the treatment of facial wrinkles and creases.
- Isolagen, Protocol IT-A-008, November 2007  
A phase III double-blind, randomized, placebo-controlled trial of the safety and efficacy of Isolagen Therapy in the treatment of moderate to severe facial acne scarring.
- Medicis, Protocol Y-97-52120-732, June 2007  
A phase III/IV, multicenter, open-label extension study to assess the long-term of repeat administrations of Reloxin® in the treatment of glabellar lines.
- Artes Medical, Inc., Protocol 521-01, November 2007  
Protocol for the post-approval study of ArteFill® for correction of Nasolabial folds.
- Medicis, Protocol Y-97-52120-732, August 2007  
A phase III, open-label, extension study to assess the long term safety of repeat administrations of Reloxin in the treatment of glabellar lines.
- Stiefel Laboratories, Inc., Protocol W0261-301, September 2008  
A phase III multicenter, randomized, double-blind, active and vehicle-controlled study

of the safety and efficacy of Duac low-dose gel versus benzoyl peroxide gel versus vehicle gel in subjects with acne vulgaris.

- Pharos Life Corporation, Protocol RBC08-03, September 2008  
Tanda clear blue light therapy as self care and Tanda skin care regimen in the treatment of mild to moderate acne.
- Elemé, October 2008  
Efficacy of a series of Smoothshapes treatments on thigh circumference and reduction in the appearance of cellulite.
- Medicis, Protocol MA-1700-01, January 2009  
A prospective, randomized, evaluator-blinded, multi-center study of the safety and effectiveness of Restylane Touch and Zylplast in nasolabial fold wrinkle reduction.
- Galderma, Protocol RD.06.SPR.18117, February 2009  
A multicenter, randomized, double-blind, vehicle-controlled, parallel group study to demonstrate the efficacy and safety of CD5024 1% cream in subjects with papulopustular Rosacea over 12 weeks treatment.
- Medicis, Protocol MA-1300-15, February 2009  
A Randomized, Evaluator-Blinded, NoTreatment-Controlled Study of the Effectiveness and Safety of Restylane® in the Augmentation of Soft Tissue Fullness of the Lips.
- Stiefel Laboratories, Protocol W0260-301, October 2009  
A Multicenter, Randomized, Double-Blind, Vehicle- Controlled, Parallel-Group Study to Evaluate The Safety and Efficacy of Tazarotene Foam, 0.1%, In Subjects with Acne Vulgaris.
- Allergan, Protocol 192024-038, February 2010  
Safety and Efficacy of Once Daily Application of Bimatoprost 0.03% Solution Compared to Vehicle to Treat Hypotrichosis of the Eyelashes from Varied Etiologies.
- Solta Medical, Protocol 10-113-IZ-I , September 2010  
Isolaz in Combination with Profusion Therapy for the Treatment of Acne.
- Medicis, Protocol MP-0104-28 , October 2010  
Moderate to Severe Acne for Potential Isotretinoin Candidates.
- FibroCell Technologies, Inc., Protocol IT-H-001, June 2010  
Treatment with Azficel-T
- Galderma, Protocol RD.06.SPR.18142, February 2011–July 2012  
A multicenter, open-label study to evaluate the long-term safety and efficacy of CD07805/47 gel 0.5% applied topically in subjects with moderate to severe facial erythema associated with rosacea over 52 week treatment.

- Suneva Medical. Inc., Protocol SUN-11-001, February 2011 – Current  
A Phase III randomized placebo-controlled study of the use of Artefill for moderate to severe atrophic acne scar correction.
- Medicis, Protocol MA-1700-04, July 2011– August 2013  
A randomized, evaluator-blinded, no-treatment-controlled study of the effectiveness and safety of small particle Hyaluronic Acid plus lidocaine (SPHAL) in the augmentation of soft tissue fullness of the lips.
- Galderma Laboratories, Protocol GLI.04.SPR.US10183L.P., September 2011 – May 2013  
A phase IV study evaluating the relapse, efficacy and safety of long-term treatment with Oracea Capsules compared to placebo after an initial 12 week treatment regimen with Oracea and MetroGel 1% in adults.
- Kythera Biopharmaceuticals, Protocol ATX-101-11-26, September 2011—August 2013  
Open Label study for the Reduction of Localized Subcutaneous Fat in the Submental Area.
- Galderma, Protocol RD.06.SPR.18171, November 2011– July 2013  
Vehicle-controlled 12-week efficacy and safety of CD5024 1% cream study with a long-term safety extension with CD5024 1% cream versus azelaic acid 15% gel study in papulopustular rosacea (PPR).
- Kythera Biopharmaceuticals, Protocol ATX-101-11-23, March 2012- November 2013  
Multicenter, randomize, double-blind, placebo-controlled, phase III study of ATX-101 (sodium deoxycholate injection) versus placebo for the reduction of localized subcutaneous fat in the submental area.
- Allergan, Protocol ATSBROW-001, May 2013 – September 2014  
Bimatoprost 0.03% for the Treatment of Eyebrow Hypotrichosis, an Investigator Initiated Study.
- Cutanea Life Sciences, Prtotocol CLS001COPR001, June 2013- April 2014  
A Phase 2, Randomized, Vehicle-Controlled, Double-Blind, Multicenter Study to Evaluate the Safety and Efficacy of Three Once-Daily CDS001 Topical Gels Versus Vehicle Administered for 12 Weeks to Subjects with Papulopustular Rosacea.
- Watson Laboritories, Protocol 13-1014, June 2013- August 2014  
A Multicenter, Double-blind, Randomized, Parallel-group, Vehicle-Controlled Study to Evaluate the Safety and Clinical Equivalence of a Generic Azelaic Acid Gel, 15% and the Reference Listed Finacea® (azelaic acid) Gel, 15% in Patients with Moderate Facial Rosacea.
- Maruho, Protocol M518101-US04, October 2013- Current  
An Open-label, Multi-center, 52-Week, Long-term Study to Evaluate the Safety and Efficacy of 50 ug/g Investigational Drug in Subjects with Plaque Psoriasis.

- Allergan, Protocol Volbella-004, December 2013- Current  
A multicenter, double-blind, randomized, controlled study of the safety and effectiveness of Juvederm Volbella XC Injectable Gel for lip and perioral enhancement.
- Allergan, Protocol 225678-006, December 2013 – September 2014  
A safety and efficacy study to compare Dapsone dermal gel with vehicle control in patients with acne vulgaris.
- Auxilium, Protocol AUX-CC-831, February 2014 – September 2014  
A phase 2, randomized, double blind, placebo-controlled dose ranging study of repeat doses of AA4500 for the treatment of edematous fibrosclerotic panniculopathy.
- Merz, Protocol MUS60201\_4096\_1, April 2014- August 2014  
A prospective, multicenter, randomized, blinded, parallel group trial to investigate the equivalence of incobotulinumtoxinA (Xeomin) to onabotulinumtoxinA (Botox) in the treatment of glabellar frown lines.
- Teoxane, Protocol TEO-RHA-1302, June 2014- Current  
A controlled, randomized, double-blind, within-subject, multicenter, prospective clinical study of TEOSYAL RHA Global Action and TEOSYAL RHA Deep Lines versus Juvederm Ultra XC in the treatment of moderate to severe nasolabial folds.
- Allergan, Protocol GMA-CMB-14-001, July 2014- Current  
Prospective, multi-site, single-blind study to evaluate subject satisfaction with facial appearance overall and the aesthetic and psychological impact of combined facial treatment of BOTOX Cosmetic, JUVEDERM ULTRA XC, JUVEDERM ULTRA PLUS XC, JUVEDERM VOLUMA XC and LATISSE.
- Evolus, Protocol EVOLUS-CLIN004, September 2014- Current  
A multi-center, open label, multiple dose, phase II trial to demonstrate the safety of DWP-450 in adult subjects for treatment of moderate-to-severe glabellar lines.
- Evolus, Protocol EVOLUS CLIN-001, January 2015- Current  
A phase III, multi-center, randomized, double blind, placebo-controlled, single dose, trial to demonstrate the safety and efficacy of DWP-450 in adult subjects for treatment of moderate-to-severe glabellar lines.
- Valeant, Protocol V01-121A-302, December 2015- Current  
A Phase 3, Multi-Center, Randomized, Double-Blind, Vehicle-Controlled, 2-Arm, Parallel Group Comparison Study Comparing the Efficacy and Safety of IDP-121 and IDP-121 Vehicle lotion in the treatment of Acne Vulgaris
- Valeant, Protocol V01-123A-201, December 2015- Current  
A Phase 2, Multi-Center, Double-Blind, Randomized, Vehicle Controlled, Study to Compare the Safety and Efficacy of IDP-123 Lotion to Tazorac Cream, 0.1% in the Treatment of Acne Vulgaris.



- Revance, Protocol RT001-CL038, December 2015- Current  
A Phase 3, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multi-Center Study to Evaluate the Safety and Efficacy of RTT150 Topical Gel for the Treatment of Moderate to Severe Lateral Canthal Lines
- Suneva, Protocol SUN-15-04, December 2015- Current  
The Use of Bellafill® for Atrophic Acne Scar Correction in the Full Facial Area