

**JENIFER R LLOYD, DO, FAAD**

Lloyd Dermatology & Laser Center  
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**PRESENT POSITION**

Private Practice, Dermatology 1991 to present

Program Director, Dermatology Residency Program 2011 to present  
University Hospitals Regional Hospitals – Richmond Medical Center  
Department of Dermatology  
Richmond Heights, Ohio

**Board Certification**

American Board of Dermatology 1991 - 2001  
Recertification 1999 - 2011  
Recertification 2009 – 2021

**LICENSURE**

Ohio

**EDUCATION**

**Fellowship**

Fellowship in Academic Medicine January - December 2013  
Northeast Ohio Medical University  
Rootstown, Ohio

**Residencies**

Dermatology Residency Program 1988 - 1991  
State University of New York at Buffalo  
Buffalo, New York  
Chief Resident 1990 to 1991

Internal Medicine Residency Program 1986 - 1988  
Case Western Reserve University  
St. Luke's Hospital  
Cleveland, Ohio

**Medical School**

Doctor of Osteopathic Medicine 1982 - 1986  
Des Moines University College of Osteopathic Medicine  
[University of Osteopathic Medicine and Health Sciences]  
Des Moines, Iowa

## **EDUCATION (continued)**

### **Undergraduate**

Bachelor of Arts - Cum laude 1978 - 1982  
Mount Holyoke College  
South Hadley, Massachusetts

## **UNIVERSITY ACADEMIC APPOINTMENTS**

Professor of Internal Medicine 2007 to present  
Associate Professor of Internal Medicine 1999 to 2007  
Assistant Professor of Clinical Internal Medicine July 1992 to February 1999  
Northeast Ohio Medical University  
Rootstown, Ohio

Director, Dermatology Residency Program 2011 to present  
Co-Director, Dermatology Residency Program 2002-2011  
UH Regional Hospitals – UH Richmond Campus  
Richmond Heights, Ohio

Vice Chair, Dermatology Section 2011 to present  
Northeast Ohio Medical University  
Rootstown, Ohio

Council, Department of Internal Medicine 2013 to present  
Northeast Ohio Medical University  
Rootstown, Ohio

Clinical Professor of Dermatology, 2016 – 2019  
Ohio University Heritage College of Osteopathic Medicine  
Athens, Ohio

Clinical Associate Professor of Dermatology 2013 to 2016  
Ohio University Heritage College of Osteopathic Medicine  
Athens, Ohio

Adjunct Clinical Professor 2012 to 2015  
Lake Erie College of Osteopathic Medicine  
Department of Internal Medicine/Dermatology  
UH Regional Hospitals – UH Richmond Campus  
Richmond Heights, Ohio

Assistant Professor of Clinical Internal Medicine 1992 to present  
Case Western Reserve University School of Medicine  
Cleveland, Ohio

## COMMITTEES

### University Hospitals Regional Hospitals - CWRU Dermatology Department

Resident Advisory Committee 2011 to present  
Committee on Appointments, Promotions and Tenure 2002 to 2013  
Resident Quarterly Evaluation Committee 2006 to present

### University Hospitals Regional Hospitals – UH Richmond Campus

Department of Medical Education Committee 2003 to present  
Department of Medical Education Fund Committee 2003 to present

### Northeast Ohio Medical University

Master Teacher Guild 2009 to present  
Continuing Professional Development Accreditation Committee 2016  
Dermatology Interest Group Advisor 2002 to present  
Dermatology Section Review Committee 2000  
Dermatology Section Member 1992 to present

### American Academy of Dermatology

Ad Hoc Task Force Committee on Doctors of Osteopathic Medicine  
October 2013 to October 2014

### Dermatology Foundation Leaders Society

Vice Chair 2016

### Ohio Dermatological Association

Elected to Board of Trustees 2001 to 2004  
Member 1992 to present

### Cleveland Dermatological Society

Elected to the Board of Trustees 2015 to present  
Member 1992 to present

### American Red Cross

Executive Committee 2002 to 2010  
Red & White Ball 1997 to 2010  
Board Member 1997 - 2009  
Co-Chairwoman, Red & White Ball 2005  
Chairwoman for 1<sup>st</sup> Heroes Breakfast 2003 - 2004

### Mahoning County Medical Society

Council Member 1994 - 1998  
Young Physicians Member 1992 - 1998  
President 1996 - 1998  
Member 1992 to present

### Youngstown Symphony Guild

Member 1992 to present  
Vice President 1999 - 2001

### American Cancer Society

Board Member 1992 – 1994

## **HOSPITAL APPOINTMENTS/AFFILIATED INSTITUTIONS**

Section Chief, Dermatology 2008 to present  
Department of Medical Specialists  
St. Elizabeth Boardman Health Center  
Boardman, Ohio

Attending Physician, Dermatology Clinic 2002 to present  
UH Regional Hospitals – UH Richmond Campus  
Richmond Heights, Ohio

Attending Physician and Lecture Staff, Pediatric Dermatology Clinic 1992 to 2007  
Tod Children's Hospital  
Youngstown, Ohio

Attending Physician - Department of Dermatology 1992 to present  
UH Regional Hospitals  
Cleveland, Ohio

Physician Lecturer 1991 to present  
-Forum Health  
-St. Elizabeth Health Center  
-Northeast Ohio Medical University  
-Case Western Reserve University

Courtesy Staff, St. Elizabeth Health Center, Youngstown, Ohio  
Courtesy Staff, St. Elizabeth Boardman Health Center, Boardman, Ohio  
Courtesy Staff, Case Western Reserve University  
UH Regional Hospitals – UH Richmond Campus  
Richmond Heights, Ohio  
Consulting Staff, Akron Children's Hospital

## **MEMBERSHIPS**

American Academy of Dermatology, Fellow  
American Society for Dermatologic Surgery, Fellow  
American Society for Laser Medicine and Surgery, Fellow  
Master Teacher Guild, Northeast Ohio Medical University, Master  
Academic Medicine-Teaching Track, Northeast Ohio Medical University, Fellow  
Scholarship in Teaching Award, University Hospitals Case Medical Center  
American Osteopathic Association, member  
American College of Osteopathic Dermatologists, member  
Cleveland Dermatology Society  
Ohio State Medical Society  
Mahoning County Medical Society

## **HONORS/AWARDS**

Mentor of the Year Award 2016 awarded by the University Hospitals Case Medical Center Dermatology Residents  
Outstanding Teaching Physician awarded by the 2014-2015 Traditional Internship class, University Hospitals Richmond Medical Center  
Outstanding Teaching Physician 2015 awarded by the UHRMC Dermatology Residents, University Hospitals Richmond Medical Center  
Outstanding Physician Award recipient in the Centers for Osteopathic Research and Education at St Joseph's Hospital, Mercy Health, 2015  
Outstanding Teaching Physician, 2014 awarded by the UHRMC Dermatology Residents, University Hospitals Richmond Medical Center  
Mentor of the Year Award 2014 awarded by the University Hospitals Case Medical Center Dermatology Residents.  
Outstanding Teaching Physician 2015 awarded by the UHRMC Dermatology Residents, University Hospitals Richmond Medical Center  
Scholarship in Teaching Award, University Hospitals Case Medical Center, 2013  
A.J. Segal Award for Diagnostician of the Year-St. Luke's Hospital 1988  
Frances Haven Prize in Chemistry-Sigma Xi Scientific Research Society, Mount Holyoke College 1982

## **PUBLICATIONS**

Leone AR, Lloyd JR, Rowane MP. Pediatric Atopic Dermatitis: Utilizing OMT as an adjunct Treatment. *Journal of the American Osteopathic College of Dermatology*.

Little C, Lloyd JR. Ref.: Ms. No. JAAD-D-16-01390R1  
Clinical Pearl: Multiple Junctional Nevi on the Buttocks: an Indicator of Tanning Bed Use  
*Journal of the American Academy of Dermatology*

Lloyd J. Daily Use of a Facial Broad Spectrum Sunscreen Over One-Year Significantly Improves Clinical Evaluation of Photoaging. *PracticeUpdate* website. Available at:  
<http://www.practiceupdate.com/content/daily-use-of-facial-broad-spectrum-sunscreen-improves-photoaging/45393/65/4/1>. Accessed November 11, 2016

Braunlich K, Delost G, Lloyd J, Honda K. Spontaneous Cutaneous Endometriosis of the Umbilicus, Case Report and Review of Literature. *Journal of Cutaneous Pathology* 2016 submitted

McIlwee B, Lloyd JR, Rowane M. Lymphatic Complaints in the Dermatology Clinic: An Osteopathic Approach to Management. *Journal of the American Osteopathic College of Dermatology* . 2016 Volume 35:10-15

Delost GR, Delost ME, Lloyd JR. The Impact of Chocolate Consumption on Acne Vulgaris in College Students. *J Am Acad Dermatol*. 2016;75(1)220-222. PMID 27317522  
DOI: <http://dx.doi.org/10.1016/j.jaad.2016.02.1159>

Lloyd JR. Staphylococcus Aureus Carriage Rates and Antibiotic Resistance Patterns in patients with Acne Vulgaris. <http://www.practiceupdate.com/content/staphylococcus-aureus-carriage-rates-and-antibiotic-resistance-patterns-in-patients-with-acne-vulgaris/34489/65/4/1> Accessed April 26, 2016.

Delost GR, Delost ME, Lloyd JR, Keller CC, Carty N, Armile J. . The effects of antibiotic use on *Staphylococcus aureus* carriage rates and resistance patterns in patients with acne vulgaris in a dermatology setting. *J Am Acad Dermatol* DOI:10.1016/j.jaad.2015.11.025  
PMID: 26777099

Lloyd JR. Salty Food Intake Tied to Acne Development. PracticeUpdate website <http://www.practupdate.com/c/33338/12/4/2>. Accessed December 25, 2015.

Lloyd JR. Botulinum Toxin Type A Found Successful for Refractory Pruritic Fox-Fordyce Disease. PracticeUpdate website <http://www.practupdate.com/c/29996/1/4>. Accessed December 1,2015.

Paithankar DY, Sakamoto FH, Farinelli WA, Kositratna G, Blomgren R, Meyer T, Faupel L, Kauvar A, Lloyd JR, Cheung WL, Owczarek WD, Suwalska AM, Kochanska KB, Nawrocka AK, Paluchowska EB, Podolec KM, Pirowska MM, Wojas-Pelc AB, Anderson RR. Acne Treatment Based on Selective Photothermolysis of Sebaceous Follicles with Topically Delivered Light Absorbing Gold Microparticles. *J of Invest Dermatol*. 2015 Jul 01;135(7)1727-1734.  
PMID:25748556

Delost GR, Delost ME, Lloyd JR. (May 2015) The Impact of Chocolate Consumption on Acne Vulgaris in College Students. *Journal of Investigative Dermatology* 135 (Supplement 1):S37

Delost GR, Delost ME, Lloyd JR, Keller CC, Carty N, Armile J. (2015). The effects of antibiotic use on *Staphylococcus aureus* carriage rates and resistance patterns in patients with acne vulgaris in a dermatology setting. *Journal of Investigative Dermatology* 135 (Supplement 1): S57

Jordan L, Lloyd J, Rowane M. (2015) An Osteopathic Approach to Psoriasis. Submitted to *The Journal of the American Osteopathic Association*.

Paithankar D, Hwang B, Munavalli G, Kauvar A, Lloyd J, Blomgren R, Faupel L, Meyer T, Mitragotri S. (2015) Ultrasonic Delivery of Silica-gold Nanoshells for Photothermolysis of Sebaceous Glands in Humans: Nanotechnology from the Bench to Clinic. *J. Control. Release*. 2015 May 28;206:30-6. PMID:25747145

Martorano LM, Cannella JD, Lloyd JR. Mucocutaneous Presentation of Kaposi Sarcoma in an Asymptomatic HIV+ Male: A Case Report. *Cutis*. 2015 Apr;95(4):E19-22. PMID: 25942034

Belden S, Lloyd JR, Rowane MP. (2015) The Scar as a Representation of the Osteopathic Principles. *Journal of the American Osteopathic College of Dermatology* . Volume 32:11-15.

McIlwee BE, Lloyd JR, Rowane MP. (2014) Lymphatic Complaints in the Dermatology Clinic: An Osteopathic Approach.

Lloyd JR. Diet and Acne Update: Carbohydrates Emerge as the Main Culprit. PracticeUpdate website <http://www.practupdate.com/content/carbohydrates-as-a-major-cause-of-acne/7506/7/4/1>. Accessed April 17, 2015.

Nahas A, Lloyd JR. (2014) A Case Report of Extragenital Lichen Sclerosus with Anogenital Sparing. *Journal of the American Osteopathic College of Dermatology* Vol 30:35-37.

Elwyn LB, Lloyd JR, Lloyd KM. (2014) Unilesional Folliculotropic Mycosis Fungoides. *Journal of the American Osteopathic College of Dermatology*.

Grady BE, Lloyd JR. (2014) A Case of Idiopathic Atrophoderma of Pasini and Pierini. *Journal of the American Osteopathic College of Dermatology*. Vol 29: 36-37.

Shah RJ, Lloyd JR, Rowane MP. (2013) An Osteopathic Approach to Raynaud's Phenomenon. Accepted for publication in *Journal of the American Osteopathic College of Dermatology*. Vol 27: 12-14.

Patel S, Lloyd JR. (2013) Subungual Abscess Caused by Staphylococcus lugdunensis. *Cutis*. Volume 29, No. 3:125-126. PMID:24153139

Nisar MS, Iyer K, Brodell RT, Lloyd JR, Shin T, Ahmad A., (2013) Minocycline-induced hyperpigmentation: Comparison of 3 Q-switched lasers to reverse its effects. *Clin Cosmet Investig Dermatol*. 2013 May31;6:159-162. PMID:23754872

Nisar MS, Lloyd JR, Khan T., (2012) Laser hair removal put in the wrong hands. *Dermatol Surg*. 2012 Dec 26. doi:10.1111/dsu.12086. PMID:23279157

Martorano L, Lloyd JR. (2012). Giant Congenital Melanocytic Nevi (CMN): A Literature Review and Current Treatment Update. *Journal of the American Osteopathic College of Dermatology*. Issue 22, No. 1:21-24.

Veerula V, Lloyd JR, Brodell R. (2012) Images in Dermatology: A Scaling Rash Preferentially Involving a Recent Tattoo. *J Am Acad Dermatol*. 66(6):e191-192.

Shoureshi P, Lloyd JR. (2011). Ciliary Madarosis in the Pediatric Population: A Case Report and Review of the Literature. *Cosmetic Dermatology*. Volume 24, No. 7:338-343.

Jensen JD, Lloyd JR. (2010). Pyoderma Gangrenosum Mistaken as a Pyogenic Infection: A Case Report and Review of the Literature. *Journal of the American Osteopathic College of Dermatology*. Volume 17, No. 1:52-54.

Chever D, Lloyd JR. (2010). Sweet's Syndrome: A Case Report and Discussion. *Journal of the American Osteopathic College of Dermatology*. Volume 17, No. 1:16-17.

Yousif J, Saitta P, Grekin S, Lloyd JR. (2010). Allergic Contact Dermatitis to Red Tattoo Dye. *Journal of the American Osteopathic College of Dermatology*. Volume 17, No. 1:12-15.

Mainier LA, Lloyd JR. (2010). Erythema Multiforme and Toxic Epidermal Necrolysis. *Journal of the American Osteopathic College of Dermatology*. Volume 15, No. 1:29-31.

Lloyd JR. (2008). Effect of Fluence on Efficacy Using the 1440 nm Laser With CAP Technology for the Treatment of Rhytids. *Lasers in Surgery and Medicine*. Volume 40, Issue 6, 387-389. PMID:18649383

Bermel, HA, Lloyd JR. (2007). Fixed Drug Eruption and Other Cutaneous Manifestations Secondary to Long-Term Hydroxyurea Therapy: A Case Report and Review of the Literature. *Journal of the American Osteopathic College of Dermatology*. Volume 8, No. 1: 43-45.

Lloyd JR. (2007). Treatment of Wrinkles with Affirm Combined Apex Pulse Technology. White paper published by Cynosure for research project.

Swindler JE, Lloyd JR, Gil K. (2007). Can Sun Protection Knowledge Change Behavior in a Resistant Population? *Cutis*. Volume 79, No. 6: 463-470. PMID:17713151

Mirkov M, Sherr E, Sierra R, Lloyd JR, Tanghetti E. (2006). Analytical modeling of laser pulse heating of embedded biological targets: An application to cutaneous vascular lesions. *J. Appl Phys*. 07/2006;99(11-99):114701-114701-15.

Campbell S, Lloyd JR. (2006). Cutaneous Angiosarcoma: Classic Case Presentation and Review of the Literature. *Journal of the American Osteopathic College of Dermatology*. Volume 6, No. 1: 17-19.

Dombrowski NC, Lloyd JR. (2005). Nail changes induced by application of a callus eliminator during a manicure. *J Am Acad Dermatol*. 52:E6. PMID:15627074

Lloyd JR, Mirkov M. (2002). Selective Photothermolysis of the Sebaceous Glands for Acne Treatment. *Lasers in Surgery and Medicine*. Volume 31, Issue 2, 115-120. PMID:12210595

Lloyd JR, MacGillis D. (2002). Laser Hair Removal: Results of 2-Week Versus 6-Week Treatment Intervals. *LaserExpress: The official online journal of the American Society for Laser Medicine & Surgery*.

Lloyd JR. (2001). The Use of Microdermabrasion for Acne: A Pilot Study. *Dermatol Surg*. 27:4; 329-331. PMID:11298700

Lloyd JR, Mirkov M. (2000). Long-term Evaluation of the Long-pulsed Alexandrite Laser for the Removal of Bikini Hair at Shortened Treatment Intervals. *Dermatol Surg*. 26:7;633-637. PMID:10886269

Athar M, Agarwal R, Wang ZY, Lloyd JR, Bickers DR, Mukhtar H. (1991). All-trans Retinoic Acid Protects Against Conversion of Chemically Induced and Ultraviolet B Radiation-induced Skin Papillomas to Carcinomas. *Carcinogenesis*. 1991;12(12):2325-9. PMID1747935

Lloyd KM, Lloyd JR, Fatteh S. (1990). Palmar Pits and Multiple Trichoepitheliomas: An Association. *J Am Acad Dermatol*. 22, 1109-11. PMID:2370338

Athar M, Lloyd JR, Bickers DR, Mukhtar H. (1989). . Malignant Conversion of UV Radiation and Chemically Induced Mouse Skin Benign Tumors by Free-radical Generating Compounds. *Carcinogenesis*, Volume 10, 1841-5. PMID:2507187

Athar M, Mukhtar H, Elmets CA, Zaim MT, Lloyd JR, Bickers DR. (1988). Involvement of Superoxide Anions in Cutaneous Porphyrin. *S.P.I.E. Proceedings*, Volume 847, 193-200.

Athar M, Mukhtar H, Elmets CA, Zaim MT, Lloyd JR, Bickers DR. (1988). In Situ Evidence Forces the Involvement of Superoxide Anions in Cutaneous Porphyrin Photosensitization. *Biochem Biophys Journal*. PMID:2833253



## **BOOK CHAPTERS**

Miceli AJ, Lloyd J. (2015). Kaposi Sarcoma. In Domino FJ (Ed.), *The 5-Minute Clinical Consult* (pp. 5minuteconsult.com) Philadelphia: Lippincott Williams & Wilkins

Merati M, Lloyd JR. (2014). Nail Abnormalities. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2015*, Philadelphia: Lippincott Williams and Wilkins. The 2015 Edition is tentatively scheduled to publish on 5/5/14.

Merati M, Lloyd JR. (2014). Nevus, Abnormal. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2015*, Philadelphia: Lippincott Williams and Wilkins. The 2015 Edition is tentatively scheduled to publish on 5/5/14.

Paul R, Lloyd JR. (2014). Folliculitis. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2015*, Philadelphia: Lippincott Williams and Wilkins. The 2015 Edition is tentatively scheduled to publish on 5/5/14.

Elwyn L, Lloyd JR. (2014). Hypereosinophilic Syndrome. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2015*, Philadelphia: Lippincott Williams and Wilkins. The 2015 Edition is tentatively scheduled to publish on 5/5/14.

Sharpe S, Lloyd JR. (2014). Keratoacanthoma. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2015*, Philadelphia: Lippincott Williams and Wilkins. The 2015 Edition is tentatively scheduled to publish on 5/5/14.

Paul R, Lloyd JR. (2014). Sweet Syndrome. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2015*, Philadelphia: Lippincott Williams and Wilkins. The 2015 Edition is tentatively scheduled to publish on 5/5/14.

Martorano L, Lloyd JR. (2014). Erythema Annulare Centrifugum. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2014*, Philadelphia: Lippincott Williams and Wilkins.

Martorano L, Lloyd JR. (2014). Erythema Induration. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2014*, Philadelphia: Lippincott Williams and Wilkins.

Tran D, Lloyd JR. (2014). Pityriasis Rubra Pilaris. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2014*, Philadelphia: Lippincott Williams and Wilkins.

Paul RM, Lloyd JR. (2014). Sweet Syndrome. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2014*, Philadelphia: Lippincott Williams and Wilkins.

Patel R, Lloyd JR. (2014). Trichoepithelioma. In Domino FJ (Ed.), *The 5-Minute Clinical Consult 2014*, Philadelphia: Lippincott Williams and Wilkins.

## **EDITORIAL REVIEWS**

2016 to present  
Photodermatology, Photoimmunology & Photomedicine

2009 to present  
The Journal of the European Academy of Dermatology and Venereology

## **EDITORIAL CONTRIBUTIONS**

2014 to present  
Editorial Contributor to Practice Update: Dermatology

## **CONFERENCE PRESENTATIONS**

Lloyd J. (October 2015) Dercum's Disease. Great Case presentation at American Osteopathic College of Dermatology in Orlando, Florida.

Delost G, Lloyd J, Delost ME, Krauza RP. (May 2015) The Impact of Chocolate Consumption on Acne Vulgaris in College Students. Poster presented at: Society for Investigative Dermatology; Atlanta, GA.

Delost GR, Delost ME, Lloyd JR, Keller CC, Carty N, Armile J. (2015). The effects of antibiotic use on *Staphylococcus aureus* carriage rates and resistance patterns in patients with acne vulgaris in a dermatology setting. Poster presented at: Society for Investigative Dermatology; Atlanta, GA.

Delost GR, Delost ME, Lloyd JR, Keller CC, Carty N, Armile J. (2014). Effects of Antibiotics on Nasopharyngeal Flora in Dermatology Patients. Poster presented at: Lake Erie College of Osteopathic Medicine Annual Research Day; Erie, PA.

Lloyd J. (March 2015) Incorporating Skin Exams into Anatomy Lab. Presentation at the 73<sup>rd</sup> annual meeting of the American Academy of Dermatology in San Francisco.

Lloyd J. (September 2014) Skin Biopsy Curriculum. Presentation at the Association of Professors of Dermatology in Chicago, Illinois.

Munavalli G, Lloyd J, Kauvar A, Blomgren R, Meyer T, Faupel L, Paithankar D. (April 2014) Selective Photothermolysis of Sebaceous Glands for Acne Treatment: Efficient Delivery of Gold Coated Microparticles as Chromophores into the Sebaceous Glands with Ultrasound, A Human Histology Study.  
Presentation at the Thirty-fourth Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Phoenix, Arizona.

Lloyd J. (October 2013) Minocycline induced hyperpigmentation. Great Case presentation at American Osteopathic College of Dermatology in Las Vegas, Nevada.

Jovanovski A, Lloyd J, Nedorost S. (September 2013) A new learning module for skin biopsy. Poster presentation at Dermatology Teachers Exchange Group in Chicago, Illinois.

Kauvar A, Lloyd JR, Cheung WL. (April 2012) Selective Photothermolysis of the Sebaceous Follicle with Gold-Coated Nanoshells for Treatment of Acne. Live presentation at the Thirty-second Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Kissimmee, Florida.

Lloyd J. (November 2009) Shedding “Light” on Rejuvenation: An update on Laser and Light Therapy; First in a Series. Lecture presentation at The American Osteopathic College of Dermatology in New Orleans, Louisiana.

Lloyd J, Tanghetti E. (April 2008) Comparison of the Affirm 1320/1440 nm Versus 1320 nm for the Treatment of Acne Scars – A Clinical and Histological Study. Lecture presentation at The Twenty Eighth Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Kissimmee, Florida.

Lloyd J. (April 2008) Effect of Fluence on Efficacy Using the Affirm Laser for the Treatment of Rhytids. Poster presentation at The Twenty Eighth Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Kissimmee, Florida.

Lloyd J. (March 2007) Evaluation of 1.5-mm Nd:YAG handpiece for treatment of telangiectasia. Poster presentation at The Twenty Seventh Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Grapevine, Texas.

Lloyd J. (March 2004) 585nm Extended Pulse Format Dye Laser for Purpura Free Treatment of Rosacea. Poster presentation at The Twenty Fourth Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Dallas, Texas.

Swindler JE, Lloyd J, Gil KM. (February 2004) Can Sun Protection Knowledge Change Behavior in a Resistant Population? Poster presentation at The Sixty Second Annual Meeting of the American Academy of Dermatology in Washington, D.C.

Lloyd J, Mirkov M. (April 2002) Selective Photothermolysis of the Sebaceous Glands for the Treatment of Acne. Lecture presentation at The Twenty Second Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Atlanta, Georgia.

Lloyd J. (April 2002) Evaluation of Long-Pulsed Pulsed Dye Laser for the Treatment of Periorbital Rhytides. Poster presentation at The Twenty Second Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Atlanta, Georgia.

Lloyd J, Macgillis D. (April 2002) Laser Hair Removal: Results of 2-week versus 6-week treatment intervals. Poster presentation at The Twenty Second Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in Atlanta, Georgia.

Lloyd J, Mirkov M. (April 2001) Evaluation of Selective Photothermolysis of the Sebaceous Glands for Novel Acne Treatment. Poster presented at The Twenty First Annual Scientific Meeting of the American Society for Laser Medicine and Surgery in New Orleans, Louisiana.

Lloyd J. (April 1999) Long term data on the use of the Long Pulsed Alexandrite Laser for the treatment of bikini hair: A twelve-month follow up. Poster presented at The Nineteenth Annual Scientific Meeting of The American Society for Laser Medicine and Surgery in Lake Buena Vista, Florida.

Lloyd J. (April 1999) Use of the Diode-pumped solid state 532nm laser for the treatment of facial telangiectasias: An eighteen-month follow up study. Poster presented at The Nineteenth Annual Scientific Meeting of The American Society for Laser Medicine and Surgery in Lake Buena Vista, Florida.

Lloyd J. (April 1998) Evaluation of the Photogenica LPIR Laser for hair removal. Poster presented at The American Society of Laser Surgery and Medicine Meeting in San Diego, California.

## **RESEARCH PARTICIPATION**

2013 – 2015

FDA study: Protocol SEB-0121/A randomized, prospective, multicenter, controlled study with blinded assessment to determine the safety and effectiveness of the Sebacia Acne Treatment System in the treatment of inflammatory acne vulgaris.

2012 – present

SEB-0094: A study to evaluate the safety and efficacy in conjunction with laser for the removal of unwanted light colored or unpigmented hair.

Research Plan – An investigation using a new medical device, Sebashells, for hair removal treatments for blonde, grey, red, light colored or unpigmented hair.

2012 – present

A split study using the ATV and Ruby lasers for tattoo removal.

Research Plan – To determine if the R20 method is more effective than removal tattoos in a single treatment session.

2011 - present

SEB-0086 and SEB-0077: A study to optimize the Sebacia Acne Treatment System while using pre- or post- auricular or perialar skin.

Research Plan - To determine effective treatment parameters to enable Sebashells to reach the depth of the sebaceous gland to cause thermal damage to the infundibulum for the treatment of acne.

2010

Phase IV Study with Avène Tolérance Extrême

2010

Affirm 1440/1320 nm laser/V-Beam 590 nm laser/CO2 Pixel laser

Research Plan - A side-by-side comparison of the three different lasers to determine which is more efficacious in treating post surgical scars.

2009

Medicus Dysport onset of action study

2008 – 2009

Affirm 1440/1320 nm laser

Research Plan - To evaluate a single parameter setting for the treatment of photoaging and acne scarring.

2007 - 2008

Affirm 1440/1320 nm laser

Research Plan - To evaluate various treatment tips to determine optimal treatment parameters for future treatment of photoaging and acne scarring.

2007

Affirm Facial Acne Investigation

Research Plan -The purpose of this clinical study is to evaluate the potential benefits of using the Affirm laser for treatment of mature acne scars.

2007

Affirm Facial Photo-rejuvenation Investigation

Research Plan - To determine if the Affirm Laser is beneficial for the treatment of photodamaged skin.

2006 (Phase VI)

Evaluation of selective photothermolysis of the sebaceous glands for novel acne treatment.

Research Plan - Evaluation of treatment intervals using the new Ti-Sapphire laser.

2006

Apogee Elite Laser and the removal of leg veins

Research Plan - To evaluate the effectiveness of a 1.5 mm handpiece in the treatment of leg veins.

2005 to 2006

JetPeel - Treatment of Photodamaged Skin.

Research Plan - To evaluate the ability of the JetPeel procedure for treatment of photodamaged skin.

2005 to 2006

JetPeel - Treatment of Active Acne Lesions

Research Plan - To evaluate the ability of the JetPeel procedure for treatment of active acne.

2004

V-Star Laser Treatment of Active Acne Lesions with and without adjunctive Aminolevulinic Acid (ALA).

Research plan - To determine if laser treatment with or without associated Aminolevulinic Acid (ALA) can reduce the number of inflammatory active lesions for a period of time following treatment.

V-Star with Aminolevulinic Acid (ALA) treatment for Photodamaged Skin.

Research plan - This study will evaluate the efficacy of multiple sub-purpuric treatments combining both PDL and a topical photodynamic compound, Aminolevulinic Acid (ALA) in an effort to improve photodamaged skin without the induction of purpura.

2004

V-Star Laser + Aminolevulinic Acid (ALA) treatment of Recalcitrant Warts.

Research plan - To determine if combining Pulsed Dye laser treatment with ALA can effectively treat warts resistant to treatment with other methods.

2002 to 2004

Evaluation of skin cancer prevention and sun awareness teaching for high school students.  
Research plan - To evaluate the effectiveness of a brief, standardized, educational intervention on UV radiation protection in a resistant group.

2003

V-Star Pulsed Dye Laser for the treatment of active acne lesions.

Research plan - To evaluate the V-Star Pulsed Dye Laser treatment in combination with topical or systemic drug therapy for active erythematous, cystic or pustular acne.

2003 (Phase II)

V-Star Pulsed Dye Laser for the treatment of acne rosacea.

Research plan - To determine the efficacy of the V-Star Laser at reducing blood vessels, flushing and redness related to acne rosacea using sub-purpuric treatment ranges.

2003 (Phase I)

V-Star Pulsed Dye Laser for the evaluation of purpura thresholds.

Research plan - To evaluate the purpura thresholds with different laser parameter settings using patient's buttocks as treatment area.

2003 (Phase V)

Evaluation of selective photothermolysis of the sebaceous glands for novel acne treatment.

Research Plan - Further evaluation of a re-formalized ICG solution and continued treatment interval comparisons.

2002 (Phase IV)

Evaluation of selective photothermolysis of the sebaceous glands for novel acne treatment.

Research Plan - To further evaluate the effects of ICG and photothermolysis using different treatment intervals for comparison on patients 12 years of age and older who have active acne involving their backs.

2002 (Phase I)

ICG and laser treatment of leg veins.

Research Plan - To evaluate the ability of ICG delivered by intravascular injection can be used for laser selective photothermolysis and destruction of diseased blood vessels.

2002

Tazorac cream treatment for acne vulgaris.

Research Plan - Open label surveillance trial to evaluate the safety and efficacy of Tazorac (Tazarotene) cream, 0.1% in a large patient population with acne vulgaris.

2002

Efudex for treatment of subclinical actinic keratosis and photodamage.

Research Plan - To evaluate the treatment of Efudex on subclinical lesions and its effect on photorejuvenation.

2002

V-Star Pulsed Dye Laser/V Pulsed Dye Laser for the treatment of acne rosacea.

Research Plan - To evaluate the efficacy of the V-Star laser vs. the V laser (using different parameters) at reducing blood vessels, flushing, and redness related to acne rosacea.

2001 to 2002 (Phase III)

ICG and Diode laser treatment for acne study with Cynosure.

Research Plan - To further evaluate the effects of ICG and photothermolysis on patients 12 years of age and older who have active acne involving their backs.

2001 (Phase II)

V-Star Pulsed Dye Laser study with Cynosure.

Research Plan - Continue to evaluate the ability of the V-Star Laser to reduce the appearance of facial rhytides (wrinkles) providing additional treatments and evaluating post biopsy and photo results.

2001

V-Star Pulsed Dye Laser/ V Pulsed Dye Laser study with Cynosure.

V-Star Pulsed Dye Laser compared to the V Pulsed Dye Laser for the treatment of warts.

Research Plan - A side-by-side comparison of the two pulsed dye lasers (which differ in wavelengths) to determine which is more efficacious in destroying warts.

2001

V-Star Pulsed Dye Laser study with Cynosure.

V-Star Pulsed Dye Laser for the treatment of psoriasis.

Research Plan - To evaluate the V-Star Pulsed Dye Laser as an effective treatment for the selective elimination of the small blood vessels that support the growth of the psoriatic plaque.

2000 to 2001 (Phase II)

ICG and Diode laser treatment for acne study with Cynosure.

Research Plan - To evaluate histologically the effectiveness of the laser treatments on the ICG loaded sebaceous glands.

2000 to 2001 (Phase I)

V-Star Pulsed Dye Laser study with Cynosure.

Research Plan - The purpose is to evaluate the ability of the V-Star to reduce the appearance of facial rhytides (wrinkles) clinically and histologically.

2000

Long-Pulsed Diode Laser study with Cynosure.

Long-Pulsed Diode Laser treatments for permanent hair removal.

Research Plan - Experiment with longer pulse durations and lower energies in all skin types for hair removal.

2000

Research study on the effect of diet on teenage acne.

Research Plan - Assess whether chocolate consumption plays a role in the etiology of teenage acne.

2000

Research study with Aesthetic Technologies.

Research Plan - To evaluate the effectiveness of the Parisian Peel (Microdermabrasion) for teenagers with different stages of acne.

1999 to 2000 (Phase I)

ICG and acne study with Cynosure.

Research Plan - Phase I demonstrated histologically that a topical solution ICG (IndoCyanine Green) could selectively deliver a target into the sebaceous glands.

1999 to 2000

Research study with Skin Ceuticals Inc.

Research Plan - Evaluate the effectiveness of skin care products in the treatment of skin-damaged skin.

1999 to 2000

Apogee TKS Laser study with Cynosure.

Research Plan - Further investigation of the Apogee TKS Laser to evaluate the permanency of laser hair removal. Data was submitted to the FDA.

Cynosure received FDA clearance July 2000 for permanent hair reduction.

1999

Research study with Aesthetic Technologies.

Research Plan - Effectiveness of Microdermabrasion in sun damaged patients.

1997 to 1998

Apogee TKS Laser study with Cynosure.

Primary investigator of the Apogee TKS Laser for hair removal.

Research Plan - To evaluate the PhotoGenica LPIR Laser for the treatment of hair removal for FDA approval. Data was submitted to the FDA.

Cynosure received FDA clearance for use of the Apogee TKS Laser for hair removal.