

CURRICULUM VITAE
Dr. William F. Groff
Goldman, Fitzpatrick, Butterwick and Groff
Cosmetic Laser Dermatology
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San Diego, CA 92121
(858)-657-1002

EDUCATION:

Laser Training:	Naval Medical Center E. Victor Ross, M.D. San Diego, CA	2000 – 2003
	Dermatology Associates of San Diego Richard E. Fitzpatrick, M.D. San Diego, CA	11/03-12/03
Residency:	Naval Medical Center Dermatology Department San Diego, CA	2000 - 2003
Aviation Training:	Flight Surgeon Training Course Pensacola, FL	1996 – 1997
Internship:	Naval Medical Center General Surgery Department San Diego, CA	1995 – 1996
Medical School:	PCOM Philadelphia, PA	1991 – 1995
College:	Penn State University University Park, PA B.S. – Biology/Vertebrate Physiology	1987 – 1991

CAREER RELATED ACTIVITIES

Aviation: Accumulated over 200 hours of flight time in the F/A-18 Hornet. Marine Corps Air Station, Miramar, CA. 1997–2000.

Research: “A Randomized, Double-Blind, Multicenter Comparison of the Safety and Efficacy of Gel and Gel Plus Versus Restylane for the Correction of Nasolabial Folds.”Coapt Systems, Inc., Protocol Number 0230. La Jolla Cosmetic Surgery Centre. March 11, 2008-2010.

“A Prospective Clinical Study of Non-Invasive Cooling of Subcutaneous Fat,”Zeltiq Aesthetics, Inc., Protocol Number ZA07-005. La Jolla Cosmetic Surgery Centre. February 4, 2008-2010

Research Continued:

“Juvederm Experience Trial, a Clinical Evaluation of Juvederm Ultra Injectable Gel for the Correction of Moderate to Severe Facial Wrinkles and Folds.” La Jolla Cosmetic Surgery Centre. October 2006–October 2007.

“A Single Center, Blinded Evaluator Comparison of the Efficacy of Double Pass, High Energy Portrait PRS3 Treatment in the Peri-Oral Area as an Adjunct to Rhytidectomy to the Erbium:YAG Laser Treatment as an Adjunct to Rhytidectomy,” with Dr. Richard Fitzpatrick. July 2006–December 2007.

“A Single Center, Evaluation of the Efficacy of Double-Pass, High Energy, Full-Face Portrait PSR3 Treatment,” with Dr. Richard Fitzpatrick, La Jolla Cosmetic Surgery Centre. April 2006–December 2007.

“Evaluation of a Novel Fractional Device for Treatment of Photodamaged Skin (Reliant Technologies, Inc.),” with Dr. Richard Fitzpatrick, La Jolla Cosmetic Surgery Centre. June 2006–June 2007.

“Skin Tightening of the Face and Neck Using a Variable Pulse Nd:YAG Laser,” with Dr. Vic Ross, Naval Medical Center, San Diego. 2005-2006.

“Role of Diode Laser (Smoothbeam 1450 nm) in the Treatment of Acne,” with Dr. Vic Ross, Naval Medical Center, San Diego. 2001–2003.

“Use of a Variable Pulse Nd:YAG Laser in the Treatment of Leg Telangiectasia,” with E. Victor Ross, M.D., Naval Medical Center, San Diego, 2001-2003.

“Effects of Diabetes Mellitus on the Cardiovascular System of the Rat Model,” with Dr. Theodore M. Hollis, Penn State University Biology Department. 1988-1990.

Research and Publications:

Masssaki A, Groff WF, et al. *Treatment of Melasma With the 1,927-nm Fractional Thulium Fiber Laser: A Retrospective Analysis of 20 Cases With Long-Term Follow-Up.* Lasers Surg Med. 2013 Feb;45(2):95-101.

Kono T, Kikuchi Y, Groff WF, Sakurai H, Yamaki T. *Split-face comparison study of cryogen spray cooling versus pneumatic skin flattening in skin tightening treatments using a long-pulsed Nd:YAG laser.* J Cosmet Laser Ther. 2010 Apr;12(2):87-91.

Kono T, Groff WF, et al. Treatment of Traumatic Scars Using Plasma Skin Regeneration (PSR) system. Lasers Surg Med. 2009;41(2):128-130.

Research and Publications Continued:

Groff WF, Fitzpatrick, RE, et al. "Fractional Carbon Dioxide Laser and Plasmakinetic Resurfacing," published in *Seminars in Cutaneous Medicine and Surgery*, December 2008; 27:239-251.

Kono T, Groff WF, et al. "Treatment of Traumatic Scars Using Plasma Skin Regeneration System (PSR)," published in *Lasers in Surgery*, February 2008.

Kono T, Groff WF, Chan H, et al. "Long-pulsed neodymium:yttrium-aluminum-garnet laser treatment for hypertrophic port-wine stains on the lips," accepted *Journal of Cosmetic Laser Therapy*, June 2008.

Li Li, Kono T, Groff WF, Chan H, et al. "Comparison of a Long-pulse Pulsed Dye Laser and a Long-pulse Alexandrite Laser in the Treatment of Port Wine Stains," published in *Journal of Cosmetic Laser Therapy*, 2008; 10:12-15.

Kono T, Groff WF, et al. "Split-Face Comparison of Restylane Versus Puragen in the Treatment of Glabellar Lines," published in *Dermatologic Surgery*, July 2008.

Kono T, Groff WF, Chan H, et al. "Comparison Study of a Q-Switched Alexandrite Laser Delivered with vs. without Compression in the Treatment of Dermal Pigmented Lesions," published *Journal of Cosmetic Laser Therapy*, Aug 2007; 13:1-4.

Kono T, Groff WF, et al. "Direct Comparison Study of Fractional Resurfacing Using Different Fluences and Densities for Skin Rejuvenation in Asians," published *Lasers in Surgery and Medicine*, Apr 2007; 39(4):311-4.

Kono T, Groff WF, et al. "Comparison Study of Intense Pulsed Light Versus a Long Pulse Pulsed Dye Laser in the Treatment of Facial Skin Rejuvenation," published in *Annals of Plastic Surgery*, 59(5):479-83, 2007.

Kono T, Groff WF, et al. "Long-pulse Pulsed Dye Laser Delivered with Compression for Treatment of Facial Lentigines," published in *Dermatologic Surgery*, Aug 2007;33(8):945-950.

Kono T, Groff WF, et al. "Treatment of Resistant Port-wine Stains with a Variable-Pulse Pulsed Dye Laser," published in *Dermatologic Surgery*, Aug 2007; 33(8):951-6.

Parlette EC, Groff WF, Domankevitz Y, Ross EV. "Optimal Pulse Durations for the Treatment of Leg Telangiectasias with a neodymium YAG laser," published in *Lasers in Surgery and Medicine*, Feb 2006; 38(2):98-105.

Kono T, Groff WF, et al. "Evaluation of fluence and pulse duration on purpuric threshold utilizing using a variable pulse pulsed-dye laser in the treatment of port wine stains," published in *Journal of Dermatology*, Jul 2006; 33(7):431-6.

Presentations:

Tanyasiri K, Groff WF, et al. "Mongolian spots with involvement of the mandibular area," published in *Journal of Dermatology*, Jun 2007; 34(6):381-4.

Kono T, Groff WF, Chan H, et al. "Comparison study of a traditional pulsed dye laser versus a long-pulsed dye laser in the treatment of early childhood hemangiomas," published in *Lasers in Surgery and Medicine*, Feb 2006; 38(2):112-5.

Kono T, Groff WF. "Treatment of port wine stains with the pulsed dye laser," published in *Annals of Plastic Surgery*, Apr 2006; 56(4):460-3.

"Ultherapy for Skin Tightening and Lifting, Our Experience", presented at The Orange County Cosmetic Physicians Meeting, Irvine, CA November 11, 2011.

"Neuromodulators in 2011, A Discussion on Botox Cosmetic, Dysport and Xeomin", Allergan Facial Aesthetics Advisory Board Meeting, The Omni Hotel, Los Angeles, CA, October 29, 2011.

"Botulinum (Botox Cosmetic and Dysport): Advanced Injection Techniques and Potential Complications, presented at The American Society for Dermatologic Surgery Course: "*The Art and Science of Fillers and Injectables*", La Valencia Hotel, La Jolla, CA, June 5th, 2011.

"Adding Aesthetic Laser Systems into Your Practice," presented at OPSC Conference, San Diego, CA. February 24th, 2011

"Zeltiq Coolsculpting for Noninvasive Fat Reduction," presented at the California Association of Cosmetic Surgery Meeting, W Hotel, San Diego, CA, October 15th, 2010.

"The Latest Laser Treatment Techniques for Facial Skin Rejuvenation," presented at Cosmetic Physician's Workshop, Atlanta, GA Oct 10, 2010

"Adding Aesthetic Laser Systems into Your Practice," presented at Candela Cosmetic Laser Surgery Workshop, Chicago, IL. June 24th, 2010

"The Latest Laser Treatment Techniques for Facial Skin Rejuvenation," presented at Cosmetic Physician's Workshop, Beverly Wilshire Hotel, Beverly Hills, CA, June 15th 2010.

"The Latest Laser Treatment Techniques for Facial Skin Rejuvenation," presented at Cosmetic Physician's Workshop, Dallas, TX May 2010.

"The Latest Laser Treatment Techniques for Facial Skin Rejuvenation," presented at Cosmetic Physician's Workshop, Roseville, CA, May 14, 2010.

Maximizing Clinical Benefits Using Multiple Lasers (fractional CO2, standard CO2 and Erbium, Vbeam Perfecta, and Alexandrite Lasers) in One

Presentations Continued:

Treatment Session,” presented at The Aesthetic Show Meeting, Caesar’s Palace, Las Vegas, NV, May 22, 2010.

“Maximizing Clinical Benefits Using Multiple Lasers (fractional CO2, standard CO2 and Erbium, Vbeam Perfecta, and Alexandrite Lasers) in One Treatment Session,” presented at The Candela Cosmetic Physicians Meeting, Dallas, TX, October 29, 2009

“Maximizing Clinical Benefits Using Multiple Lasers (fractional CO2, standard CO2 and Erbium, Vbeam Perfecta, and Alexandrite Lasers) in One Treatment Session,” presented live via an internet webinar, http://www.candelalaser.com/practitioners/index.cfm?task=workshops_wecasts#target. September 16, 2009

“Maximizing Clinical Benefits Using Multiple Lasers (fractional CO2, standard CO2 and Erbium, Vbeam Perfecta, and Alexandrite Lasers) in One Treatment Session,” presented at The Candela Cosmetic Physicians Meeting, Houston, TX, August 27, 2009

“Maximizing Clinical Benefits Using Multiple Lasers (Fraxel Repair, Ultrapulse CO2 and Erbium, Vbeam Perfecta, and Alexandrite) in One Treatment Session,” presented at The Aesthetic Show Meeting, Caesar’s Palace, Las Vegas, NV, June 6, 2009.

“Maximizing Clinical Benefits Using Multiple Lasers (Fraxel Repair, Ultrapulse CO2 and Erbium, Vbeam Perfecta, and Alexandrite) in One Treatment Session,” presented at The Candela Cosmetic Physicians Meeting, Phoenix, AZ, June 4, 2009.

“Maximizing Clinical Benefits Using Multiple Lasers (Fraxel Repair, Ultrapulse CO2 and Erbium, Vbeam Perfecta, and Alexandrite) in One Treatment Session,” presented at The Candela Cosmetic Physicians Meeting, Santa Ana, CA . March 17, 2009.

“Maximizing Clinical Benefits Using Multiple Lasers (Fraxel Repair, Ultrapulse CO2 and Erbium, Vbeam Perfecta, and Alexandrite) in One Treatment Session,” presented at The About Face 2009 Conference, The Encore Hotel, Las Vegas, NV. March 27, 2009.

“Laser Treatment of Vascular and Pigmented Lesions,” presented at The About Face 2009 Conference, The Encore Hotel, Las Vegas, NV. March 27, 2009.

“My Treatment Protocol for High Energy Portrait Skin Regeneration Facial Rejuvenation and Combining Other Laser Modalities,” presented live via an internet webinar, <http://www.rhytec.com/content/media/pressreleases/detail.jsp/q/news-id/71>. June 17, 2008.

Presentations Continued:

“The Latest Laser Treatment Techniques for Facial Skin Rejuvenation,” presented at Cosmetic Boot Camp Workshop, The Broadmoor Hotel, Colorado Springs, CO. June 14, 2008.

“Adding Aesthetic Laser Systems into Your Practice,” presented at Candela Cosmetic Laser Surgery Workshop, Portland, OR. May 29, 2008.

“Adding Aesthetic Laser Systems into Your Practice,” presented at Primed West Conference, Anaheim Convention Center, Anaheim, CA. May 5, 2008.

“Various Clinical Applications Using the VBeam Perfecta, Gentle YAG, GentleLase, and GentleMAX Laser Systems,” presented at the Australasian College of Cosmetic Surgery, Cosmetic Physicians Society of Australasia and the Australasian Academy of Facial Plastic Surgery Conference, Gold Coast, Australia. March 14, 2008.

“Skin Tightening Using the GentleYAG Laser Hands-On Workshop,” presented at the Australasian College of Cosmetic Surgery, Cosmetic Physicians Society of Australasia and the Australasian Academy of Facial Plastic Surgery Conference, Gold Coast, Australia. March 14, 2008.

“Portrait Skin Regeneration and My Latest Treatment Techniques Hands-On Workshop,” presented at the Australasian College of Cosmetic Surgery, Cosmetic Physicians Society of Australasia and the Australasian Academy of Facial Plastic Surgery Conference, Gold Coast, Australia. March 14, 2008.

“Skin Tightening Using the GentleYAG Laser Workshop,” presented at the Australasian College of Cosmetic Surgery, Cosmetic Physicians Society of Australasia and the Australasian Academy of Facial Plastic Surgery Conference, Gold Coast, Australia. March 16, 2008.

“Portrait Skin Regeneration and My Latest Treatment Techniques,” presented at the Australasian College of Cosmetic Surgery, Cosmetic Physicians Society of Australasia and the Australasian Academy of Facial Plastic Surgery Conference, Gold Coast, Australia. March 16, 2008.

“Clinical Applications using Fraxel re:store Resurfacing and the VBeam Perfecta,” presented at the Reliant and Candela Physician Training Workshop, Seattle, WA. February 27, 2008.

“Portrait Skin Regeneration and My Latest Treatment Techniques,” presented at the 47th Annual OPSC Meeting, Palm Springs, CA. February 17, 2008.

“Adding Aesthetic Laser Systems into Your Practice,” presented at The Day Spa Expo, The Sands Convention Center, Las Vegas, NV. February 6, 2008.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic

Presentations Continued:

Laser Surgery Workshop, Walnut Creek, CA. November 17, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Dallas, TX. November 3, 2007.

“Fraxel re:store Resurfacing and Treatment Guidelines” and “Various Applications of Aesthetic Lasers,” presented at the Reliant and Candela Physician Training Workshop, Costa Mesa, CA. November 7, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Dallas, TX. November 3, 2007.

“My Treatment Protocol Using the Portrait Skin Regeneration Device for Skin Rejuvenation,” presented at the Rhytec Cosmetic Physicians of San Francisco Training Workshop, San Francisco, CA. October 27, 2007.

“My Treatment Protocol Using the Portrait Skin Regeneration Device for Skin Rejuvenation,” presented at the Rhytec Cosmetic Physicians of Los Angeles Training Workshop, Beverly Hills, CA. October 25, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Marina del Rey, CA. October 20, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Seattle, WA. September 29, 2007.

“My Treatment Protocol Using the Portrait Skin Regeneration Device for Skin Rejuvenation” presented live via an internet webinar,
<http://www.rhytec.com/content/about-rhytec/news-events/workshops.jsp>.
September 12, 2007.

“Fraxel re:store Resurfacing and Treatment Guidelines,” presented at the Reliant Physician Training Workshop, Temecula, CA. August 11, 2007.

“The Latest Treatment Protocols Using the Portrait Skin Regeneration Device for Skin Rejuvenation,” presented at the Rhytec Cosmetic Physicians of Southern California Training Workshop, Costa Mesa, CA. August 9, 2007.

“The Latest Laser Treatment Techniques for Facial Skin Rejuvenation,” presented at Cosmetic Boot Camp Workshop, St. Regis, Aspen, CO.
June 9, 2007.

“Fraxel re:store Laser Resurfacing and Use of Nonablative Laser Technologies,” presented at the Cosmetic Physicians of San Diego Dinner Meeting, La Jolla, CA. June 23, 2007.

“Update on the Latest Laser Technologies for Your Practice,” presented at

Presentations Continued:

The International Esthetics, Cosmetics and Spa Conference 2007, Las Vegas Convention Center, Las Vegas, NV. June 3, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Houston, TX. June 2, 2007.

“Portrait Skin Regeneration and the Latest Treatment Techniques,” presented at The Aesthetic Show 2007, Las Vegas, NV. May 26, 2007.

“Adding Light-based Therapies to Your Practice,” presented at The Aesthetic Show 2007, Las Vegas, NV. May 26, 2007.

“Fraxel re:store Laser Resurfacing and Use of Nonablative Laser Technologies,” presented at the Cosmetic Physicians of Chicago Dinner Meeting, Chicago, IL. May 23, 2007.

“Use of Botox Cosmetic and Juvederm.” *Self Magazine’s Workout in the Park, Balboa Park, San Diego, CA. May 12, 2007.*

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Marina del Rey, CA. April 21, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Scottsdale, AZ. April 14, 2007.

“Skin Rejuvenation Techniques and Treatments: Protocols for Treating Vascular and Pigmented Lesions with the Vbeam Perfecta,” presented live via the internet internationally, <http://www.cramereventmedia.com/candela/>. April 4, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Chicago, IL. March 31, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Seattle, WA. March 3, 2007.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, San Francisco, CA. February 10, 2007.

“Laser Treatment of Acne and Acne Scarring,” presented at the 2nd Annual Chinese Dermatology Meeting, Shanghai, China. December 22, 2006.

“Clinical Applications and Latest Technology of Aesthetic Lasers,” presented at the 2nd Annual Chinese Dermatology Meeting, Shanghai, China. December 21, 2006.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic

Presentations Continued:

Laser Surgery Workshop, Albuquerque, NM. December 9, 2006.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Chicago, IL. December 2, 2006.

“Treatment of Vascular and Pigmented Lesions with a Pulsed Dye Laser,” presented at the Annual Thai Dermatology Society Meeting, Bangkok, Thailand. November 21, 2006.

“Various Applications of the GentleYAG, GentleLASE, Vbeam Perfecta and the Smoothbeam Lasers,” presented at the 2006 Candela Users of Malaysia Meeting, Kuala Lumpur, Malaysia. November 18, 2006.

“Laser Treatment of Vascular Lesions,” presented at the 30th Annual Meeting of the Philippine Dermatological Society, Manila, Philippines. November 15, 2006.

“Various Applications of the GentleYAG and V-Beam Perfecta Lasers in Cosmetic Laser Surgery,” presented at the 2006 INvein Treatment and Techniques Conference, Mandalay Bay Resort, Las Vegas, NV. October 26, 2006.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Portland, OR. October 14, 2006.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Dallas, TX. September 23, 2006.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, San Francisco, CA. August 20, 2006.

“Laser Treatment of Vascular Lesions,” presented at the Annual Summer American Academy of Dermatology Meeting, San Diego, CA. July 2006.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Seattle, WA. May 13, 2006.

“Various Applications of Aesthetic Lasers,” presented at Candela Cosmetic Laser Surgery Workshop, Portland, OR. March 25, 2006.

“Various Applications of the GentleYAG 1064 nm Nd:YAG Laser,” presented at the 4th Annual Anti-aging Symposium, Taipei, Taiwan. September 2005.

“Noninvasive Facial Rejuvenation with a variable pulsed Nd:YAG 1064 nm Laser,” presented at the Bugyeong Skin Aesthetic Therapy Symposium, Busan, Korea. September 2005.

Presentations Continued:

“Various Applications of the GentleYAG 1064 nm Nd:YAG Laser and the Smoothbeam 1450 nm Diode Laser,” presented at the Annual Candela Users Meeting, Sydney, Australia. August 2005.

“New Aspects of Non-Invasive Laser Surgery in Dermatology,” presented at The Annual Thai Dermatology Society Meeting, Bangkok, Thailand. March 2005.

“Various Applications of the Smoothbeam 1450 nm Diode Laser,” presented at the 1st Annual Candela User’s Meeting, Osaka, Japan. July 2004.

“Use of a Variable Pulse Nd:YAG Laser in the Treatment of Leg Telangiectasia,” presented at 23rd Annual Meeting of the American Society for Laser Medicine and Surgery, Anaheim, CA. April 2003.

“Contact Allergy and Sensitivity to Methacrylate Adhesive Present in Bone Cement,” presented at the 60th Annual Meeting of the American Academy of Dermatology Conference, New Orleans, LA. March 2002.

EXPERIENCE:

Goldman, Butterwick, Fitzpatrick, and Groff Cosmetic Laser Dermatology San Diego, CA	2010-present
Physician Injection Trainer: Teach Beginner and Advanced Injection Techniques Using Botox and Juvederm for Allergan, Inc. Member of Facial Aesthetics Advisory Board 2011.	2008-present
Physician Injection Trainer: Teach Beginner and Advanced Injection Techniques Using Restylane, Perlane, and Dysport for Medicis Pharmaceutical Corporation	2010-present
Cosmetic Dermatology and Laser Surgery La Jolla Cosmetic Surgery Centre La Jolla, CA	2006 – 2010
Dermatology Staff Physician United States Naval Hospital Camp Pendleton, CA	2005 – 2006
Assistant Professor	2003 – 2005

Experience Continued:

Department of General Medicine Tokyo Medical and Dental University	
Dermatology Staff Physician/Department Head United States Naval Hospital Yokosuka, Japan	2003 – 2005
Teledermatology Staff Physician US Military Pacific Region 7 Yokosuka, Japan	2003 – 2005
Flight Surgeon VMFA – 314/VMFA – 225 Miramar, CA	1997 – 2000
General Medical Officer Naval Training Center San Diego, CA	1996 – 1997

AWARDS/HONORS

American Society of Lasers in Medicine and Surgery	2005
American Board of Dermatology: Board Certification	2003
American Academy of Dermatology Member	2003
Navy/Marine Corps Achievement Medal	1999
Expert in Military Pistol/Rifle	1995, 1998
Honors in Cardiology	1993
Honors in Preceptorship	1993
American College of General Practitioner's Award	1993
United States Navy Health Profession's Scholarship	1993
Penn State University Dean's List	1987 - 1991