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Education:

1985-91 M.D. (Doctor of Medicine)
Ramathibodi Hospital, Mahidol University

Postdoctoral Training:

1997-98 Clinical Fellow in Cosmetic Laser Surgery
Dermatology/Cosmetic Laser Associates of
San Diego County, Inc.
La Jolla, California, USA

1996-97 Clinical Fellow in Laser Dermatology
Dermatology Laser Center and
Wellman Laboratories of Photomedicine
Harvard Medical School
Boston, USA

1995-96 Research Fellow in Dermatology
Department of Dermatology
University of California San Francisco
San Francisco, California, USA

1993-95 Fellow in Dermatology
Department of Dermatology
Siriraj Hospital, Mahidol University

Professional Appointment:

2007-present Professor of Dermatology

2005-2007 Associate Professor of Dermatology

2001-2005 Assistant Professor of Dermatology

1998-2001 Instructor in Dermatology
Department of Dermatology
Siriraj Hospital, Mahidol University

Professional Memberships:

- Medical Council of Thailand

- Dermatological Society of Thailand
- American Society for Dermatologic Surgery
- American Society for Laser Medicine and Surgery

Bibliography:

Original Reports and Review Articles

1. Wanitphakdeedecha R, Meeprathom W, **Manuskiatti W**. A pilot study of treatment of striae distensae with variable square pulse Erbium: YAG laser resurfacing. *J Cosmet Dermatol*. 2017;16:466-470.
2. Wanitphakdeedecha R, Sathaworawong A, **Manuskiatti W**, Sadick NS. Efficacy of multipolar radiofrequency with pulsed magnetic field therapy for the treatment of abdominal cellulite. *J Cosmet Laser Ther*. 2017;19:205-209.
3. Punyaratabandhu P, Wanitphakdeedecha R, Pattanaprichakul P, Sitthinamsuwan P, Phothong W, Eimpunth S, Lohsiriwat V, **Manuskiatti W**. The effect of pre-operative topical anaesthetic cream on the ablative width and coagulative depth of ablative fractional resurfacing laser. *Lasers Med Sci*. 2017;32:291-295.
4. Wanitphakdeedecha R, Ungaksornpairote C, Kaewkes A, Sathaworawong A, Lektrakul N, **Manuskiatti W**. The efficacy of two formulations of botulinum toxin type A for masseter reduction: a split-face comparison study. *J Dermatolog Treat*. 2017;28:443-446.
5. Wanitphakdeedecha R, Ungaksornpairote C, Kaewkes A, Rojanavanich V, Phothong W, Manuskiatti W. The comparison between intradermal injection of abobotulinumtoxinA and normal saline for face-lifting: a split-face randomized controlled trial. *J Cosmet Dermatol*. 2016;15:452-457.
6. Phothong W, Wanitphakdeedecha R, Keschool P, **Manuskiatti W**. A case of dysphagia following botulinum toxin injection for neck rejuvenation. *J Cosmet Dermatol*. 2017;16:15-17.
7. **Manuskiatti W**, Pattanaprichakul P, Inthasotti S, Sitthinamsuwan P, Hanamornroongruang S, Wanitphakdeedecha R, Chu-Ongsakol S. Thermal Response of In Vivo Human Skin to Fractional Radiofrequency Microneedle Device. *Biomed Res Int*. 2016;2016:6939018. doi: 10.1155/2016/6939018. Epub 2016 May 9.
8. Mungnirandr A, Nuntasunti W, **Manuskiatti W**. Neodymium-Doped Yttrium Aluminium Garnet Laser Treatment of Pediatric Venous Malformation in the Oral Cavity. *Dermatol Surg*. 2016;42:875-9.
9. Chaisiriwong L, Wanitphakdeedecha R, Sitthinamsuwan P, Sampattavanich S, Chatsiricharoenkul S, **Manuskiatti W**, Panich U. A Case-Control Study of Involvement of Oxidative DNA Damage and Alteration of Antioxidant Defense System in Patients with Basal Cell Carcinoma: Modulation by Tumor Removal. *Oxid Med Cell Longev*. 2016;2016:5934024. doi: 10.1155/2016/5934024. Epub 2016 Jan 13.
10. Phothong W, Wanitphakdeedecha R, Sathaworawong A, **Manuskiatti W**. High versus moderate energy use of bipolar fractional radiofrequency in the treatment of acne scars: a split-face double-blinded randomized control trial pilot study. *Lasers Med Sci*. 2016;31:229-34.

11. Wanitphakdeedecha R, Thanomkitti K, Bunyaratavej S, **Manuskiatti W**. Efficacy and safety of 1064-nm Nd:YAG laser in treatment of onychomycosis. *J Dermatolog Treat*. 2016;27:75-9.
12. Wanitphakdeedecha R, Sathaworawong A, **Manuskiatti W**. The efficacy of cryolipolysis treatment on arms and inner thighs. *Lasers Med Sci*. 2015;30:2165-9.
13. Wanitphakdeedecha R, Meeprathom W, **Manuskiatti W**. Efficacy and safety of 0.1% kinetin cream in the treatment of photoaging skin. *Indian J Dermatol Venereol Leprol*. 2015 Sep-Oct;81(5):547. doi: 10.4103/0378-6323.157446.
14. Wanitphakdeedecha R, Iamphonrat T, Thanomkitti K, Lektrakul N, **Manuskiatti W**. Treatment of abdominal cellulite and circumference reduction with radiofrequency and dynamic muscle activation. *J Cosmet Laser Ther*. 2015:1-6.
15. Cheyasak N, **Manuskiatti W**, Maneeprasopchoke P, Wanitphakdeedecha R. Topical corticosteroids minimise the risk of postinflammatory hyper-pigmentation after ablative fractional CO₂ laser resurfacing in Asians. *Acta Derm Venereol*. 2015;95:201-5.
16. Vejjabhinanta V, Wanitphakdeedecha R, Limtanyakul P, **Manuskiatti W**. The efficacy in treatment of facial atrophic acne scars in Asians with a fractional radiofrequency microneedle system. *J Eur Acad Dermatol Venereol*. 2014;28:1219-25.
17. Eimpunth S, Wanitphakdeedecha R, Triwongwaranat D, Varothai S, **Manuskiatti W**. Therapeutic outcome of melasma treatment by dual-wavelength (511 and 578 nm) laser in patients with skin phototypes III-V. *Clin Exp Dermatol*. 2014;39:292-7.
18. Wanitphakdeedecha R, Phuardchantuk R, **Manuskiatti W**. The use of sunscreen starting on the first day after ablative fractional skin resurfacing. *J Eur Acad Dermatol Venereol*. 2014;28:1522-8.
19. Wanitphakdeedecha R, Keoprasom N, Eimpunth S, **Manuskiatti W**. The Efficacy in Melasma Treatment Using a 1,410 nm Fractional Photothermolysis Laser. *J Eur Acad Dermatol Venereol*. 2014;28:293-7.
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21. **Manuskiatti W**, Iamphonrat T, Wanitphakdeedecha R, et al. Comparison of fractional erbium-doped yttrium aluminum garnet and carbon dioxide lasers in resurfacing of atrophic acne scars in Asians. *Dermatol Surg* 2013;39:111-20.
22. Eimpunth S, Wanitphadeedecha R, **Manuskiatti W**. A focused review on acne-induced and aesthetic procedure-related postinflammatory hyperpigmentation in Asians. *J Eur Acad Dermatol Venereol*. 2013;27 Suppl 1:7-18.
23. Wanitphakdeedecha R, Thanomkitti K, Sethabuttra P, Eimpunth S, **Manuskiatti W**. A split axilla comparison study of axillary hair removal with low fluence high repetition rate 810 nm diode laser vs. high fluence low repetition rate 1064 nm Nd:YAG laser. *J Eur Acad Dermatol Venereol*. 2012;26:1133-6.
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26. **Manuskiatti W**, Triwongwaranat D, Varothai S, et al. Efficacy and safety of a carbon-dioxide ablative fractional resurfacing device for treatment of atrophic acne scars in Asians. *J Am Acad Dermatol* 2010;63:274-83.
27. **Manuskiatti W**, Siriphukpong S, Varothai S, et al. Effect of pulse width of a variable square pulse (VSP) erbium:YAG laser on the treatment outcome of periorbital wrinkles in Asians. *Int J Dermatol* 2010;49:200-6.
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30. Wanitphakdeedecha R, **Manuskiatti W**, Siriphukpong S, Chen TM. Treatment of punched-out atrophic and rolling acne scars in skin phototypes III, IV, and V with variable square pulse erbium:yttrium-aluminum-garnet laser resurfacing. *Dermatol Surg*. 2009;35:1376-1383.
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34. **Manuskiatti W**, Wanitphakdeedecha R, Fitzpatrick RE. Effect of pulse width of a 595-nm flashlamp-pumped pulsed-dye laser on the treatment response of keloidal and hypertrophic sternotomy scars. *Dermatol Surg* 2007;33:152-61.
35. Wanitphakdeedecha R, **Manuskiatti W**. Treatment of Cellulite with a Bipolar Radiofrequency, Infrared Heat and Pulsatile Suction Device: A Pilot Study. *J Cosmet Dermatol* 2006;5:284-8.
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- and 585-nm Flashlamp-Pumped Pulsed-Dye Laser Treatments. *Arch Dermatol* 2002;138:1149-55.
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 41. **Manuskiatti W**, Fitzpatrick RE, Goldman MP, Detwiler SP. Effects of long pulse duration and short interval retreatment on the efficacy of hair removal using broadband, intense pulsed light system. *Dermatol Cosmet* 2000;10:67-75.
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 44. **Manuskiatti W**, Fitzpatrick RE, Goldman MP. Treatment of Facial Skin Using Combinations of CO₂, Q-Switched Alexandrite, Flashlamp-Pumped Pulsed Dye, and Er:YAG Lasers in the Same Treatment Session. *Dermatol Surg* 2000;26:114-120.
 45. **Manuskiatti W**, Fitzpatrick RE. Laser-assisted hair removal-hype or hope. *Cosmetics & Toiletries* 1999;114:47-51.
 46. **Manuskiatti W**, Dierickx CC, Gonzalez S et al. Laser hair removal affects sebaceous glands and sebum excretion: a pilot study. *J Am Acad Dermatol* 1999;41:176-80.
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 48. Goldman MP, Fitzpatrick RE, **Manuskiatti W**. Laser resurfacing of the neck with the erbium: YAG laser. *Dermatol Surg* 1999;25:164-8.
 49. **Manuskiatti W**, Fitzpatrick RE, Goldman MP. Long-term effectiveness and side effects of carbon dioxide laser resurfacing for photoaged facial skin. *J Am Acad Dermatol* 1999;40:401-11.
 50. **Manuskiatti W**, Fitzpatrick RE, Goldman MP, Krejci-Papa N. Prophylactic antibiotics in patients undergoing laser resurfacing of the skin. *J Am Acad Dermatol* 1999;40:77-84.
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 56. **Manuskiatti W**, Maibach HI. 1- versus 2- and 3-day diagnostic patch testing. *Contact Dermatitis* 1996;35:197-200.
 57. **Manuskiatti W**, Maibach HI. Hyaluronic acid and skin: wound healing and aging. *Int J Dermatol* 1996;35:539-44.

58. Leenutaphong V, **Manuskiatti W**. Fenofibrate-induced photosensitivity. *J Am Acad Dermatol* 1996;35:775-7.
59. **Manuskiatti W**, Mahaisavariya P, Chaiprasert A. Disseminated cryptococcosis with cutaneous involvement-report of a case in Thailand. *Thai J Dermatol* 1994;10:87-92.
60. Arkachaisri T, **Manuskiatti W**, Sathapatayavongs B, Promjanyakul K. Usage of new antimicrobial agents in Ramathibodi hospital. *Rama Med J* 1993;16:120-5.

Book chapters

1. **Manuskiatti W**. Use of lasers on Asian skin. In: M. P. Goldman, R. E. Fitzpatrick, E. V. Ross, S. L. Kilmer and R. A. Weiss editors. *Lasers and energy devices for the skin*. Boca Raton: CRC Press; 2013. p. 293-324.
2. **Manuskiatti W**. Keloids. In: Bope ET, Kellerman R, Rakel RE, editors. *Conn's Current Therapy* 2011. 4th ed. Philadelphia: Elsevier/Saunders; 2011. p. 837-40.
3. **Manuskiatti W**. TriPollar™ Radiofrequency. In: Goldman MP, Hexsel D, editors. *Cellulite: Pathophysiology and Treatment*. 2nd ed. London: Informa Healthcare; 2010. p. 158-67.
4. **Manuskiatti W**, Goldman MP. Use of lasers on Asian skin. In: Goldman MP, ed. *Cutaneous and Cosmetic Laser Surgery*. Philadelphia: Mosby Elsevier; 2006:349-74.
5. **Manuskiatti W**. Keloids. In: Rakel RE, Bope ET, eds. *Conn's Current Therapy* 2006. Philadelphia: Saunders; 2006:986-9.
6. **Manuskiatti W**, Goldman MP. Treatment of Nonwhite Skin with Lasers. In: Kauvar ANB, Hruza GJ, eds. *Principles and Practices in Cutaneous Laser Surgery*. Boca Raton: Taylor & Francis; 2005:717-46.
7. Penagos HA, **Manuskiatti W**, Abrams K, Hogan DJ, Maibach HI, O'Malley M. The Reported Skin Effects of Pesticides by Use and Structural Category. In: Penagos H, O'Malley M, Maibach HI, eds. *Pesticide Dermatoses*. 1 vol. Boca Raton: CRC Press; 2001:89-162
8. **Manuskiatti W**, Abrams K, Hogan DJ, Maibach HI. Pesticide-related dermatoses in agricultural workers. In: Kanerva L, Elsner P, Wahlberg JE, Maibach HI, eds. *Handbook of occupational dermatology*. 1 vol. 1st ed. Berlin: Springer; 2000:781-802.
9. Goldman MP, **Manuskiatti W**, Fitzpatrick RE. Combined laser resurfacing with the UltraPulsed Carbon Dioxide and Er: YAG lasers. In: Fitzpatrick RE, Goldman MP, eds. *Cosmetic Laser Dermatology*. St. Louis: Mosby; 2000:88-103.

Honors and Awards

- 2016 - Best abstract in the category: energy based devices (7th 5-Continent-Congress for Aesthetic and Laser Medicine, Barcelona, Spain), Abstract Title: “A Split Scar Comparison Study of Hypertrophic Scar Treatment with Fractional Laser vs. Fractional Laser-Assisted Corticosteroids Delivery”
- 2012 - Excellent innovative concept on lean management for Siriraj Birthmark Clinic (Quality fair, Faculty of Medicine Siriraj Hospital, Mahidol University)
- 2011 - 1st prize for the best abstract in the category: laser (2nd 5-Continent-congress for lasers and aesthetic medicine, Cannes,

France), Abstract Title: “Comparison of fractional erbium-doped yttrium aluminum garnet and carbon dioxide lasers in resurfacing of atrophic acne scars in Asians”

- 2010
 - Best speaker award (International Symposium of Minimal Invasive Plastic Surgery & Dermatology, Bangkok, Thailand)
 - Best clinical research award, Efficacy and safety of a carbon-dioxide ablative fractional resurfacing device for treatment of atrophic acne scars in Asians (Faculty of Medicine Siriraj Hospital, Mahidol University)
- 2009
 - Best clinical research award, Circumference reduction and cellulite treatment with a TriPollar radiofrequency device: a pilot study (Faculty of Medicine Siriraj Hospital, Mahidol University)
 - Consolation prize for authorship of skin laser therapy in clinical practice textbook (Faculty of Medicine Siriraj Hospital, Mahidol University)
- 2008
 - Excellence in the ADC 2008 with outstanding presentation, treatment of melasma with Erbuim:YAG laser resurfacing (8th Asian Dematological Congress, Seoul, Korea)
- 2007
 - Best clinical research award, Effect of pulse width of a 595-nm flashlamp-pumped pulsed-dye laser on the treatment response of keloidal and hypertrophic sternotomy scars (Faculty of Medicine Siriraj Hospital, Mahidol University)