

CURRICULUM VITAE

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Education

Degree/Certificate	Graduation	Institute
1. Doctor of Medicine (2 nd class honors)	1989	Faculty of Medicine ChulalongkornHospital ChulalongkornUniversity Bangkok, Thailand.
2. Certificate of Post doctoral training in Internal Medicine	1993	Department of Medicine RamathibodiHospital MahidolUniversity Bangkok, Thailand.
3. Certified Thai Board of Dermatology (1 st rank marks)	1995	Thai Medical Council
4. Certificate fellowship in Contact Dermatitis and Environmental Skin Disorders	1998	The Cleveland Clinic Foundation, Cleveland, Ohio USA.
5. Certified Thai Board of Family Medicine	2003	Thai Medical Council
6. Certificate Fellowship in Cosmetic Dermatology	2005	Division of Cosmetic Dermatology University of Miami, Florida, USA

Professional experience since graduation

Position	Duration	Institute
Doctor in General Medicine	1989-1991	Bhumipol Royal Thai AirForceHospital Bangkok, Thailand.
Resident in Dermatology	1992-1995	Division of Dermatology Department of Medicine Ramathibodi Hospital Mahidol University Bangkok, Thailand
Lecturer in Dermatology	1995-1999	Division of Dermatology Department of Medicine Ramathibodi Hospital Mahidol University Bangkok, Thailand.
Clinical fellow in the Contact Dermatitis and Environmental Skin Disorders Program	1997-1998	The Cleveland Clinic Foundation, Department of Dermatology, Cleveland, Ohio, USA.
Assistant professor in Dermatology	2000	Division of Dermatology Department of Medicine Ramathibodi Hospital Mahidol University Bangkok, Thailand
Visiting dermatologist	2005	Skin Laser and Surgery Specialists of New York and New Jersey Duke University Medical Center North Carolina Skin Care Physicians Boston, Massachusetts
Fellow in lasers and cosmetic dermatology	2005	University of Miami, USA
Associate professor in Dermatology	2007	Division of Dermatology Department of Medicine Ramathibodi Hospital Mahidol University Bangkok, Thailand

Certification and Licensure

Medical License (The Medical Council of Thailand)	1989
Certificate of Basic Medical Science for Medicine	1993
Diploma of the Thai Board of Dermatology	1995
Education Commission for Foreign Medical Graduate Certification	1997
Ohio Medical License	1997-1998
Certificate Clinical fellowship, Dermatology, Cleveland Clinic Foundation	1998
Diploma of the Thai Board of Family Medicine	2003
Certificate Fellowship in Cosmetic dermatology, University of Miami	2005

Other Honors

1986 Annual award for top academic grade of 3rd year medical student

1987-1989 Award for best performance as medical student in Department of Medicine

1987-1989 Award for best performance as medical student in Department of Obstetrics - Gynecology

2008 Award for best oral presentation “Low fluence Q-switched Nd:Yag 1064 nm laser for the treatment of facial melasma in Asians” the Asian Dermatological Conference (ADC), 1-4 October 2008 Seoul, Korea:

2009 Award for oral presentation “Pattern of corticosteroid allergy in Thailand: A 10- year retrospective review” The 17th International Contact Dermatitis Symposium and The 10th Asia-Pacific Environmental and Occupational Dermatology Symposium 5-8 November, 2009 Kyoto, Japan

Research consultant to Recipient of best resident / fellow research award Thai Dermatologic Society Annual Academic Meeting 2009: Pootongkam S, Rojhirunsakool S, **Wattanakrai P.** Periorbital Rejuvenation with Fractional 1,550-nm Ytterbium/Erbium Fiber Laser and Variable Square Pulse 2,940-nm Erbium:YAG laser in Asians: A Comparison study.

Research consultant to Recipient of best resident/fellow research award Thai Dermatologic Society Annual Academic Meeting 2012: Sabhanond V, Sawasdechareonkit A, Nitayavardhana S, **Wattanakrai P.** Comparison of electroporation combined with skin lightening biopeptides versus topical alone in the treatment of postinflammatory hyperpigmentation.

Professional Memberships

The Dermatological Society of Thailand

The American Contact Dermatitis Society

Public relations committee, Dermatological Society of Thailand

Editorial Board, Thai Journal of Dermatology

Program Director, Ramathibodi Dermatologic Laser Course

หัวหน้าเจ้าหน้าที่พิเศษ ภา.อายุรศาสตร์

Consultant dermatologist in the Cosmetic Regulatory Committee, Thai FDA

กรรมการผู้ทรงคุณวุฒิในคณะกรรมการเครื่องสำอางของสำนักงานคณะกรรมการอาหารและยา(อย.)

Research interests

- contact occupational dermatology
- lasers, cosmetic dermatology and skin care

Publications

1. **Wattanakrai P**, Sakuntabhai A, Charuwichitratana S, Rajatanavin N., Jerasutus S, Timpatanapong P. Response of alopecia areata to low dose systemic steroid and PUVA photochemotherapy. Thai J Dermatol 1998 ; 14 : 6-15.
2. Wananukul S, Pongprasit P, **Wattanakrai P**, Calcinosis cutis presenting years after clinical manifestations of juvenile dermatomyositis : report of two cases. Australasian Journal of Dermatology 1997 ; 38 : 202-5.
3. Chittasobhaktra T, Wannanukul W, **Wattanakrai P**, Pramoolsinsap C, Sohonslitsuk A, Nitiyanant P. Fever, skin rash, jaundice and lymphadenopathy after trichloroethylene exposure : a case report. J Med Assoc. Thai 1997 ; 80 (suppl 1) : S 144-8.
4. **Wattanakrai P**, Taylor JS. Cutaneous and systemic manifestations from occupational trichloroethylene exposure. Am J Contact Dermatitis 1998 ; Abs 9 : 67.
5. Taylor JS. **Wattanakrai P**, Tung R, Wagner WD. Immediate hypersensitivity reaction to a permanent hair dye. J of Allergy and Clin Immunol 1999 ; Abs 591 : 5115.
6. **เพ็ญพรรณ วัฒนไกร**. ยาดำเนินเพื่อรักษาชนิดรับประทาน .ใน : อากิตย์ อังกานนท์ , กอบชัย พัววิไล , สุพจน์ ตูลยาเดชานนท์, สมนึก ดำรงกิจชัยพร ,บรรณานิการ.Ramathibodi Clinical Medicine Update1999;130-160
7. Charuwichitratana S, **Wattanakrai P**, Tanrattanakorn S. Randomized, double-blind placebo-controlled trial in the treatment of alopecia areata with 0.25% desoximetasone cream. Arch Dermatol 2000 ; 136 : 1276-7.
8. Taylor JS, **Wattanakrai P**, Charous BL, Ownby DR. Latex allergy. In : Thiers BH, Lang PG (eds). Year Book of Dermatology and Dermatologic Surgery 1999. St-Louis : Mosby. 1999 : 1-44.
9. Taylor JS, **Wattanakrai P**, Charous BL, Ownby DR. Latex allergy In : Leung DYM, Greaves MW (eds). Allergic Skin Diseases. New York : Marcel Dekker. 2000 : 237-70.
10. **Wattanakrai P**, Miyamoto L, Taylor JS. Occupational pigmentary disorders. In : Kanerva L, Elsner P, Wahlberg JE, Maibach HI (eds). Handbook of Occupational Dermatology. Berlin : Springer Verlag. 2000 : 280-94.
11. Puavilai S, Leenutaphong V, Korkij W, **Wattanakrai P**, Kulthanan K, Tresukosol P. Clinical Practice Guideline for Drug Eruption. Thai J Dermatol 2000; 16 : 83-87.
12. Leenutaphong V, Kulthanan K, **Wattanakrai P**, Ophaswongse S. Clinical Practice Guideline for Topical Steroid Usage. Thai J Dermatol 2000; 16 : 204-208.
13. Korkij W, Niumpradit N, Tantikun N, **Wattanakrai P**, Ungpakorn R. Clinical Practice Guideline for androgenetic alopecia. Thai J Dermatol 2001; 17 : 53-55.
14. Korkij W, Niumpradit N, Tantikun N, **Wattanakrai P**, Ungpakorn R. Clinical Practice Guideline for Exfoliative Dermatitis. Thai J Dermatol 2001; 17 : 105-107.
15. Korkij W, Niumpradit N, Tantikun N, **Wattanakrai P**, Ungpakorn R. Clinical Practice Guideline for Alopecia Areata. Thai J Dermatol 2001; 17 : 108-112.
16. **Wattanakrai P**. Gold allergy in Ramathibodi Hospital. Thai J Dermatol 2002; 18 : 87-91.
17. Puavilai S, Noppakun N, Sitakalin C, Leenutaphong V, **Wattanakrai P**, Nakakes A, Kulthanan K, Asawanonda P, Akaraphan R, Tresukosol P, Suthipinittham P, Somburanasin P, Charuwichitratana S, Rajatanavin N. Drug eruptions at five institutes in Bangkok. J Med Assoc Thai 2005; 88 (11) : 1642-9.
18. Vachiramom V, **Wattanakrai P**. Photoallergic contact sensitization to 6-methylcoumarin in Poikiloderma of Civatte. Dermatitis 2005; 16 (3) : 1-3.
19. **เพ็ญพรรณ วัฒนไกร**. Acne : Adjunctive Therapy ใน : สุวรรณมา เรื่องกาญจนเศรษฐ์, พัฒน์ มหาโชคเลิศวัฒนา, บรรณานิการ รู้ทันปัญหาวัยรุ่นยุคใหม่ กรุงเทพฯ : ป๊อปอนด์ เอ็นเทอร์ไพรซ์ 2549 : 107-114.
20. **Wattanakrai P**, Techaritpitak O. Compositae (Asteraceae) dermatitis. Thai J Dermatol 2006; 22 : 109-118.

21. **Wattanakrai P.** Chalermdamrichai P. Occupational contact dermatitis from soldering flux in an electronic worker. *Thai J Dermatol* 2006; 22 : 128-132.
22. **Wattanakrai P.** Seborrheic dermatitis and dandruff. In: Arndt KA, Hsu JTS (eds) *Manual of Dermatologic Therapeutics* ed7. Philadelphia: Lippincott Williams & Wilkins 2007 : 180-4
23. **Wattanakrai P.** Urticaria. In: Arndt KA, Hsu JTS (eds) *Manual of Dermatologic Therapeutics* ed7. Philadelphia: Lippincott Williams & Wilkins 2007 : 221-8
24. **แพทย์พรพรรณ วัฒนไกร.** Evolution of Acne Therapy: Adjunctive Therapy ใน : อภิชาติ จิตต์เจริญ บรรณาธิการ ได้ร่วมพระบารมี รามาธิบดีเพื่อสุขภาพของปวงประชา เล่ม 2 ,กรุงเทพฯ : ปิยะนงค์ เอ็นเทอร์ไพรซ์ 2550: 770-6 .
25. **Watanakrai P.** Suwanachote S, Kulkollakarn S, Rajatanavin N. The study of human skin irritation of a novel herbal skin care product and ingredients by human single closed patch testing. *J Med Assoc Thai* 2007; 90 (6): 1116-22.
26. **Wattanakrai P.** Rajatanavin N. Thimerosal Allergy and Clinical Relevance in Thailand. *J Med Assoc Thai* 2007; 90 (9): 1775-9.
27. **Wattanakrai P.** Suwanachote S, Tantipisitkul K. Effectiveness of Combination of Nonablative Radiofrequency and Topical Drugs for Acne Treatment. *Thai J Dermatol* 2007;23:152-64
28. **Wattanakrai P.** Sumethiwit R. Treatment of hypertrophic scars and keloid with self-adhesive polyurethane dressing (Hansaplast scar reducer) in Thai patients. *Thai J Dermatol* 2007;23:185-97
29. **Wattanakrai P.** Skin testing with drugs in cutaneous adverse drug reactions. In : Ramathibodi Clinical Medicine Update 2008-New knowledge in Internal Medicine p 309-14
30. Kulkollakarn S, **Wattanakrai P.** Vachiramom V, Chalidapongse P. Evaluation of sensitivity and specificity of enzyme-linked immunosorbent assay (ELISA) for detecting antidesmoglein 1 and 3 in Thai patients with pemphigus vulgaris and foliaceus. *J Med Assoc Thai.* 2008 Nov; 91(11):1663-8.
31. **Wattanakrai P.** Mornchan R, Eimpunth S. Low-fluence Q-switched Nd: YAG (1064 nm) Laser for the Treatment of Facial Melasma in Asians. *Ramathibodi Medical Journal* 2009; 32(suppl 1): 492.
32. Kruavit A, Treewittayapoom T, **Wattanakai P.** Jeerasuthus S. Dermal Needling: A Review of Complications in Ramathidodi Hospital and a Case Report of Granulomatous Reaction. *Ramathibodi Medical Journal* 2009; 32 (supply 1): 499.
33. **Wattanakrai P.** Cosmetics and Cosmeceuticals. *Ramathibodi Medical Journal* 2009; 32(suppl1): 514
34. Wichyanrat S, **Wattanakrai P.** Comparative treatment of melasma with low-fluence Q-Switched Nd-YAG (1064 nm) Laser versus topical triple combination (4% Hydroquinone, 0.05% Tretinoin, 0.01% Fluocinolone acetonide): split face design. Proceeding of the Thai Dermatologic Society Annual Academic Meeting, 26-27 February, 2009, Centara Grand at Central World, Bangkok. *Thai Journal Dermatology* 2009; 25:9-10
35. Desomchoke T, **Wattanakrai P.** Epidemiology and therapeutic options of atypical mycobacterium skin infection in Ramathibodi hospital: A decade retrospective study. Proceeding of the Thai Dermatologic Society Annual Academic Meeting, 26-27 February, 2009, Centara Grand at Central World, Bangkok. *Thai Journal Dermatology* 2009; 25:11-12
36. Pootongkam S, Rojhirunsakool S, **Wattanakrai P.** Periorbital Rejuvenation with Fractional 1,550-nm Ytterbium/Erbium Fiber Laser and Variable Square Pulse 2,940-nm Erbium:YAG laser in Asians: A Comparison study. Proceeding of the Thai Dermatologic Society Annual Academic Meeting, 26-27 February, 2009, Centara Grand at Central World, Bangkok. *Thai Journal Dermatology* 2009; 25:15-16. *Recipient of best research award 2009*
37. Rojhirunsakool S, Pootongkam S, **Wattanakrai P.** Split-face Comparison between Long Pulse Duration Nd:YAG 1064 nm Laser alone versus combination Long Pulse Duration and Q-Switched Nd:YAG 1064 treatment of enlarged pores in Asian females. Proceeding of the Thai

- Dermatologic Society Annual Academic Meeting, 26-27 February, 2009, Centara Grand at Central World, Bangkok. Thai Journal Dermatology 2009; 25:17-18
38. Vaiyavatjamai P, Rattanasirivilai P, **Wattanakrai P**. Side Effects and Complications of Fractional 1550-nm Erbium Fiber Laser Treatment in Asian Skin. Proceeding of the Thai Dermatologic Society Annual Academic Meeting, 26-27 February, 2009, Centara Grand at Central World, Bangkok. Thai Journal Dermatology 2009; 25:19-20
 39. Prabudhanitisarn K, Patcharapotijanakorn P, Wongkitisophon P, Tanrattanakorn S, **Wattanakrai P**. Effectiveness of Onion Extract Gel versus Placebo on Pfannenstiel's Cesarean Section Scars: A Prospective Randomized Double Blinded Study. Proceeding of the Thai Dermatologic Society Annual Academic Meeting, 26-27 February, 2009, Centara Grand at Central World, Bangkok. Thai Journal Dermatology 2009; 25:59-60
 40. **Wattanakrai P** Temnithikul B, Pootongkam S. Pattern of corticosteroid allergy in Thailand. *Dermatitis*. 2010 Aug; 21(4):203-6.
 41. **Wattanakrai P**, Mornchan R, Eimpunth S. Low-fluence Q-switched neodymium-doped yttrium aluminum garnet (1,064 nm) laser for the treatment of facial melasma in Asians. *Dermatol Surg*. 2010; 36(1):76-87.
 42. **Wattanakrai P**, Rojhirunsakool S, Pootongkam S. Split-Face Comparison of Long-Pulse-Duration Neodymium-Doped Yttrium Aluminum Garnet (Nd:YAG) 1,064-nm Laser Alone and Combination Long-Pulse and Q-switched Nd:YAG 1,064-nm Laser with Carbon Photoenhancer Lotion for the Treatment of Enlarged Pores in Asian Women. *Dermatol Surg* 2010 Nov; 36(11):1672-80.
 43. Phasukthawon R, **Wattanakrai P**, Rajatanavin N. Results of photopatch testing in Ramathibodi hospital. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 11-12 March 2010
 44. Sirithanabadeekul P, Sahawatwong S, **Wattanakrai P**. A Comparison of Two Triple Combination Creams with 2% and 4% Hydroquinone for the Treatment of Facial Melasma. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 11-12 March 2010
 45. Keerathikajornchai C, Techapichetvanich T, Visessiri Y, **Wattanakrai P**, Jerasutus S. Cytophagic Histiocytic Panniculitis and Subcutaneous Panniculitis-like T-cell Lymphoma in Asian Population. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 11-12 March 2010
 46. Apasawirote W, **Wattanakrai P**, Rajatanavin N. Effectiveness of Full Spectrum Light in the Treatment of Mild to Moderate Acne Vulgaris on the Back. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 11-12 March 2010
 47. Seesillapachai A, Thadanipon K, **Wattanakrai P**. Split-face Comparison Study of Fractional Photothermolysis Using Different Densities for Refractory Melasma in Asians. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 11-12 March 2010
 48. Sawasdechareonkit A, **Wattanakrai P**. A prospective randomized controlled study on the efficacy of topical Onion, Herbal extracts gel on wound healing and incidence of Post-laser Hyperpigmentation After Q-switched Nd:YAG laser treatment of Acquired Bilateral nevus of ota-like Macules (Hori's Nevus). Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 2-4 March 2011; 10-11
 49. Nakpanom W, **Wattanakrai P**. Fractional photothermolysis treatment with and without topical tranexamic acid for Refractory Melasma in Asians. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 2-4 March 2011; 12-13
 50. Phasukthaworn R, Rattanakemakorn P, **Wattanakrai P**, Rajatanavin N. The study efficacy of Mulberry extracts cream in the treatment of eczema. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 2-4 March 2011; 86-7

51. **Penpun WATTANAKRAI**, Apattarika SEESILLAPACHAI, Kunlawat THADANIPON SPLIT-FACE COMPARISON STUDY OF FRACTIONAL PHOTOTHERMOLYSIS USING DIFFERENT DENSITIES FOR REFRACTORY MELASMA IN ASIANS. Poster presentation and Proceeding of the 22nd World Congress of Dermatology the World Congress (WCD) May, 2011 ,Seoul, Korea
52. Busaracome P, **Wattanakrai P**, Rajatanavin N. Chronic actinic dermatitis with leonine facies and iatrogenic adrenal insufficiency successfully treated with topical tacrolimus. Case Rep Dermatol. 2011 Feb 25;3(1):49-54.
53. **เพ็ญพรรณ วัฒนไกร**. Antiaging: Medical treatment ใน: ชีระพงษ์ ตัณฑวิเชียร, ชุขณา สวณกระต่ายและคณะ(บรรณาธิการ) เวชศาสตร์ร่วมสมัย กรุงเทพฯ: โรงพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย 2554; 246-53
54. Vaiyavatjamai P, **Wattanakrai P**. Erythema elevatum diutinum associated with peripheral ulcerative keratitis. J Eur Acad Dermatol Venereol. 2011 Jun;25(6):741-2
55. Vaiyavatjamai P, **Wattanakrai P**. Side effects and complications of fractional 1550-nm erbium fiber laser treatment among Asians. J Cosmet Dermatol. 2011 Dec;10(4):313-6
56. **Wattanakrai P**, Pootongkam S, Rojhirunsakool S. Periorbital Rejuvenation with Fractional 1,550-nm Ytterbium/Erbium Fiber Laser and Variable Square Pulse 2,940-nm Erbium:YAG laser in Asians: A Comparison Study. Dermatol Surg. 2012 Jan 23.
57. Sawasdechareonkit A, Nakpanom W, **Wattanakrai P**. Fractional carbon dioxide laser treatment in Thai patients: A retrospective review. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 1-2 March 2012: 18-9
58. Sabhanond V. Sawasdechareonkit A, Nitayavardhana S, **Wattanakrai P**. Comparison of electroporation combined with skin lightening biopeptides versus topical alone in the treatment of postinflammatory hyperpigmentation. Proceedings of the Thai Dermatological Society Annual Academic Meeting, Centara Grand at Central World, Bangkok, 1-2 March 2012:16-7. *Recipient of best research study design award 2012*
59. "Effectiveness of Onion Extract Gel on Surgical Scars in Asians," Chanprapaph K, Tanrattanakorn S , **Wattanakrai P**, Wongkitisophon P , Vachiramom V Dermatol Res Pract 2012 ;2012 :212945
60. **Wattanakrai K**, Chiemchaisri N, **Wattanakrai P**. The periosteal pulley technique for orbital fat realignment and correction of naso-jugal groove in lower lid blepharoplasty. J Plast Reconstr Aesthet Surg. 2014 Apr;67(4):513-9
61. **Khunkhet S**, **Wattanakrai P**. The possible role of contact sensitization to fragrances and preservatives in poikiloderma of civatte. Case Rep Dermatol. 2014 Nov 14;6(3):258-63.

BOOK CHAPTERS

1. Taylor JS, **Wattanakrai P**, Charous BL, Ownby DR. Latex allergy In : Leung DYM, Greaves MW (eds). Allergic Skin Diseases. New York : Marcel Dekker. 2000 : 237-70.
2. **Wattanakrai P**. Seborrheic dermatitis and dandruff. In: Arndt KA, Hsu JTS (eds) Manual of Dermatologic Therapeutics ed7. Philadelphia: Lippincott Williams & Wilkins 2007 : 180-4
3. **Wattanakrai P**. Urticaria. In: Arndt KA, Hsu JTS (eds) Manual of Dermatologic Therapeutics ed7. Philadelphia: Lippincott Williams & Wilkins 2007 : 221-8
4. **Wattanakrai P**, Taylor JS. Occupational and environmental acne. In: Rustemeyer T, ed. *Kanerva's Occupational Skin Diseases*. 2nd ed. Berlin ; London: Springer; 2012. Chapter 31. p. 333-348
5. **Wattanakrai P**. Skin testing with drugs in cutaneous adverse drug reactions. In : Ramathibodi Clinical Medicine Update 2008-New knowledge in Internal Medicine p 309-14

Ongoing Research

- Efficacy and safety of a non-invasive radiofrequency device for treatment of skin laxity in Asians
- An Open-Label Study of Juvéderm® Voluma® with Lidocaine for Aesthetic Improvement of the Nose in an Asian Population using a Specified Technique
- A World-wide Antihistamine-Refractory chronic urticaria patient Evaluation in Asia-pacific, Middle-east and African Countries (AWARE-AMAC): A non-interventional study to collect data on the management and clinical impacts of chronic urticaria in patients refractory to H1-antihistamine therapy
- Split-face Comparison of Non-insulated Microneedle Fractional Radiofrequency Skin remodeling (Intensif) and Micro-ablative Fractional skin Resurfacing (FSR) in Atrophic Acne Scars and facial pores in Asians