

# Stanford

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## Justin M Ko, MD, MBA

Clinical Professor, Dermatology

### CLINICAL OFFICE (PRIMARY)

- **Stanford Dermatology**  
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Redwood City, CA 94063  
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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**  
Miriam Christoph - Administrative Assistant  
**Email** mchri@stanford.edu

## Bio

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### BIO

Dr. Ko joined Stanford Medicine in 2012 and serves as Director and Chief of Medical Dermatology for Stanford Health Care (SHC) while also spearheading the dermatology department's efforts around network development, digital health, quality/safety/performance improvement, and value-based care. He is active in a number of leadership roles within the organization including as an Associate Chief Quality Officer and physician dyadic partner to the Chief Experience Officer, as well as co-chair of the Clinic Advisory Council, a forum of medical and executive leaders of Stanford Health Care's Ambulatory clinics.

His passion for melanoma, early cancer detection, and improving care delivery drives his efforts and research around leveraging advances in machine learning and artificial intelligence to increase the breadth of populations that can be reached. He developed and runs a digital care delivery program at SHC, providing virtual visits for patients and remote consultations for referring clinicians. He conducts research on and engages in collaborations around interventions that layer advances in machine learning on digital health capabilities to enhance access, quality and value of dermatologic care and is a founder and leader of the Stanford Translational AI in Dermatology (TRAINd) group. He chairs the American Academy of Dermatology's Committee on Augmented Intelligence.

Dr. Ko has also been driven to find new treatments for alopecia areata, an immune-mediated condition that can progress to total hair loss through various clinical trials and translational research efforts. He sits on the clinical research advisory board of the National Alopecia Areata Foundation and is a founder and co-director of the Skin Innovation and Interventional Research Group (SIIRG) which conducts clinical and translational research on skin disease.

He graduated magna cum laude from Harvard University and worked in investment banking; mergers and acquisitions at JP Morgan before going on to earn a combined medical and business degree at Tufts University. During medical school, he was a member of the Alpha Omega Alpha honor society. Dr. Ko then performed his residency at the Harvard Dermatology Residency Training Program where he served as chief resident.

### CLINICAL FOCUS

- Dermatology
- Skin Cancer

- Alopecia Areata
- Telehealth
- Psoriasis
- Melanoma
- Artificial Intelligence and Machine Learning
- Screening for melanoma in high risk patients (family history, red hair, many moles)
- Vitiligo
- Laser Therapy of Medical Skin Conditions

## ACADEMIC APPOINTMENTS

- Clinical Professor, Dermatology
- Member, Maternal & Child Health Research Institute (MCHRI)

## ADMINISTRATIVE APPOINTMENTS

- Associate Chief Quality Officer, Stanford Health Care, (2021- present)
- Physician Dyadic partner to Chief Experience Officer, Stanford Health Care, (2021- present)
- Co-Chair, Clinic Advisory Council, Stanford Health Care, (2018- present)
- Medical Director and Chief, Medical Dermatology, Stanford Health Care, (2012- present)
- Physician Leader, Safety, Quality and Performance Improvement, Stanford Department of Dermatology, (2017- present)
- Director of Network Development and Digital Health, Stanford Department of Dermatology, (2012- present)
- Director of Value Based Care, Stanford Department of Dermatology, (2020- present)
- Medical Director, Service Excellence, Stanford Health Care, (2018- present)
- Member, Ambulatory Value Optimization Committee, Stanford Health Care, (2018- present)
- Member, Access Management Guidance Team, Stanford Health Care, (2018- present)
- Member, Clinic Advisory Council, Stanford Hospital and Clinics, (2015- present)
- Physician Lead and Co-Chair, Clinic Performance Team 4, Stanford Hospital and Clinics, (2015-2018)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair, American Academy of Dermatology Committee on Augmented Intelligence (2019 - present)
- Research Advisory Council, National Alopecia Areata Foundation (2016 - present)

## PROFESSIONAL EDUCATION

- Board Certification: Dermatology, American Board of Dermatology (2012)
- Chief Resident, Harvard Combined Dermatology Residency Training Program (2012)
- Residency: Massachusetts General Hospital (2012) MA
- BA, Harvard University , Magna Cum Laude (2002)
- MD, MBA, Tufts University School of Medicine , Alpha Omega Alpha (2008)

## Research & Scholarship

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## CLINICAL TRIALS

- A Study of Baricitinib (LY3009104) in Participants With Severe or Very Severe Alopecia Areata, Recruiting
- A Study to Evaluate Upadacitinib in Adolescents and Adults With Moderate to Severe Atopic Dermatitis (Measure Up 2), Recruiting

- A Study to Evaluate Upadacitinib in Combination With Topical Corticosteroids in Adolescent and Adult Participants With Moderate to Severe Atopic Dermatitis, Recruiting
- Effect of Dupilumab (Anti-IL4R#) on the Host-Microbe Interface in Atopic Dermatitis, Recruiting
- Extension Study to Evaluate Safety and Efficacy of CTP-543 in Adults With Alopecia Areata, Recruiting
- SAR231893-LPS15497- "Dupilumab Effect on Sleep in AD Patients", Recruiting
- Study to Evaluate the Safety and Efficacy of CTP-543 in Adults With Moderate to Severe Alopecia Areata, Recruiting
- A Study of ATI-502 Topical Solution for the Treatment of Atopic Dermatitis, Not Recruiting
- A Study of Lebrikizumab (LY3650150) in Participants With Moderate-to-Severe Atopic Dermatitis, Not Recruiting
- Tofacitinib for the Treatment of Alopecia Areata and Its Variants, Not Recruiting

## Teaching

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### STANFORD ADVISEES

#### Med Scholar Project Advisor

Joel Adu-Brimpong, Elise Cai, Haiwen Gui

## Publications

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### PUBLICATIONS

- **Clinical Outcomes for Uptitration of Baricitinib Therapy in Patients With Severe Alopecia Areata: A Pooled Analysis of the BRAVE-AA1 and BRAVE-AA2 Trials.** *JAMA dermatology*  
Ko, J. M., Mayo, T. T., Bergfeld, W. F., Dutronc, Y., Yu, G., Ball, S. G., Somani, N., Craiglow, B. G.  
2023
- **Development and Clinical Evaluation of an Artificial Intelligence Support Tool for Improving Telemedicine Photo Quality.** *JAMA dermatology*  
Vodrahalli, K., Ko, J., Chiou, A. S., Novoa, R., Abid, A., Phung, M., Yekrang, K., Petrone, P., Zou, J., Daneshjou, R.  
2023
- **Telehealth Utilization and Associations in the United States During the Third Year of the COVID-19 Pandemic: Population-Based Survey Study in 2022.** *JMIR public health and surveillance*  
Kim, J., Cai, Z. R., Chen, M. L., Onyeka, S., Ko, J. M., Linos, E.  
2024; 10: e51279
- **Dermatologists' perspectives and usage of large language models in practice- an exploratory survey.** *The Journal of investigative dermatology*  
Gui, H., Rezaei, S. J., Schlessinger, D., Weed, J., Lester, J., Wongvibulsin, S., Mitchell, D., Ko, J., Rotemberg, V., Lee, I., Daneshjou, R.  
2024
- **Best Practices for Research in Virtual and Augmented Reality in Dermatology.** *The Journal of investigative dermatology*  
Muralidharan, V., Tran, M. M., Barrios, L., Beams, B., Ko, J. M., Siegel, D. H., Bailenson, J.  
2024; 144 (1): 17-23
- **Association between yearlong air pollution and moderate-severe atopic dermatitis: A United States cross-sectional claims analysis.** *JAAD international*  
Trinh, P., Allerup, J. A., Li, S., Ko, J., Chen, J., Linos, E., Chiou, A. S.  
2023; 13: 4-6
- **Development of a digital tool for home-based monitoring of skin disease for older adults.** *Skin health and disease*  
van Egmond, S., Cai, Z. R., Nava, V., Joy de Vere Hunt, I., Rapaport, B. R., Ko, J., Chiou, A. S., Sarin, K., Tang, J., Zhang, L., Linos, E.  
2023; 3 (5): e235
- **Hair Loss Profiles and Ritlecitinib Efficacy in Patients with Alopecia Areata: Post Hoc Analysis of the ALLEGRO Phase 2b/3 Study** *DERMATOLOGY AND THERAPY*  
Thaci, D., Tziotzios, C., Ito, T., Ko, J., Karadag, A., Fang, H., Edwards, R. A., Bonfanti, G., Wolk, R., Tran, H., Law, E.  
2023

- **Hair Loss Profiles and Ritlecitinib Efficacy in Patients with Alopecia Areata: Post Hoc Analysis of the ALLEGRO Phase 2b/3 Study.** *Dermatology and therapy*  
Thaci, D., Tziotzios, C., Ito, T., Ko, J., Karadag, A. S., Fang, H., Edwards, R. A., Bonfanti, G., Wolk, R., Tran, H., Law, E.  
2023
- **Safety Analysis of Baricitinib in Adult Patients with Severe Alopecia Areata From 2 Randomized Clinical Trials over a Median of 1.6 years and up to 3.6 Years of Exposure**  
King, B., Ko, J., Piraccini, B., Shimomura, Y., Dutron, Y., Wu, W., Yang, F., Holzwarth, K., Chiasserini, C., Sinclair, R.  
MOSBY-ELSEVIER.2023: AB220
- **Concurrent improvement in scalp hair and eyebrow or eyelash regrowth in patients with severe alopecia areata treated with baricitinib**  
King, B., Ko, J., Senna, M., Tosti, A., Ohyama, M., Dutronc, Y., Chen, Y., Yu, G., Smith, S., Wu, W.  
MOSBY-ELSEVIER.2023: AB29
- **Baseline distribution of eyebrow and eyelash loss by severity of scalp hair loss in phase 3 trials of baricitinib for alopecia areata**  
Shapiro, J., Ko, J., Egeberg, A., Somani, N., Jedynak, J., Torisu-Itakura, H., Yu, G., Lu, N., Craiglow, B.  
MOSBY-ELSEVIER.2023: AB127
- **Integrated single-cell chromatin and transcriptomic analyses of human scalp identify gene-regulatory programs and critical cell types for hair and skin diseases.** *Nature genetics*  
Ober-Reynolds, B., Wang, C., Ko, J. M., Rios, E. J., Aasi, S. Z., Davis, M. M., Oro, A. E., Greenleaf, W. J.  
2023
- **Best Practices for Clinical Skin Image Acquisition in Translational Artificial Intelligence Research.** *The Journal of investigative dermatology*  
Phung, M., Muralidharan, V., Rotemberg, V., Novoa, R. A., Chiou, A. S., Sadée, C. Y., Rapaport, B., Yekrang, K., Bitz, J., Gevaert, O., Ko, J. M., Daneshjou, R.  
2023; 143 (7): 1127-1132
- **Rapid Reduction in Staphylococcus aureus in Atopic Dermatitis Subjects Following Dupilumab Treatment.** *The Journal of allergy and clinical immunology*  
Simpson, E. L., Schlievert, P. M., Yoshida, T., Lussier, S., Boguniewicz, M., Hata, T., Fuxench, Z., De Benedetto, A., Ong, P. Y., Ko, J., Calatroni, A., Rudman Spergel, A. K., Plaut, et al  
2023
- **Evolution of a Project to Improve Inpatient-to-Outpatient Dermatology Care Transitions: Mixed Methods Evaluation.** *JMIR dermatology*  
Kling, S. M., Aleshin, M. A., Saliba-Gustafsson, E. A., Garvert, D. W., Brown-Johnson, C. G., Amano, A., Kwong, B. Y., Calugar, A., Shaw, J. G., Ko, J. M., Winget, M.  
2023; 6: e43389
- **Rapid reduction in S. aureus in atopic dermatitis subjects following dupilumab treatment**  
Simpson, E., Schlievert, P., Yoshida, T., Lussier, S., Boguniewicz, M., Hata, T., Fuxench, Z., De Benedetto, A., Ong, P., Ko, J., Calatroni, A., Spergel, A., Plaut, et al  
ELSEVIER SCIENCE INC.2023: S274
- **Optimizing Virtual Visits and Reducing Inbox Messages Using a Pre-Visit Questionnaire: A Quality Improvement Project.** *Journal of the American Academy of Dermatology*  
Gomez, J., Mazzoleni, M., Calugar, A., Pol-Rodriguez, M., Ko, J. M., Bailey, E. E.  
2023
- **Real-world post-deployment performance of a novel machine learning-based digital health technology for skin lesion assessment and suggestions for post-market surveillance.** *Frontiers in medicine*  
Thomas, L., Hyde, C., Mullarkey, D., Greenhalgh, J., Kalsi, D., Ko, J.  
2023; 10: 1264846
- **A Multicenter Descriptive Analysis of 270 Men with Frontal Fibrosing Alopecia and Lichen Planopilaris in the United States.** *Journal of the American Academy of Dermatology*  
Pathoulas, J. T., Flanagan, K. E., Walker, C. J., Collins, M. S., Ali, S., Pupo Wiss, I. M., Cotsarelis, G., Milbar, H., Huang, K., Mostaghimi, A., Scott, D., Han, J. J., Lee, et al  
2022
- **A Cross-Sectional Analysis of The Environmental and Cost-Saving Benefits of Digital Dermatologic Care.** *Journal of the American Academy of Dermatology*  
Gomez, J., Rizk, N., Linos, E., Ko, J. M., Bailey, E. E.  
2022

- **Artificial Intelligence in the Detection of Skin Cancer.** *Journal of the American Academy of Dermatology*  
Beltrami, E. J., Brown, A. C., Salmon, P. J., Leffell, D. J., Ko, J. M., Grant-Kels, J. M.  
2022
- **Disparities in dermatology AI performance on a diverse, curated clinical image set.** *Science advances*  
Daneshjou, R., Vodrahalli, K., Novoa, R. A., Jenkins, M., Liang, W., Rotemberg, V., Ko, J., Swetter, S. M., Bailey, E. E., Gevaert, O., Mukherjee, P., Phung, M., Yekrang, et al  
2022; 8 (32): eabq6147
- **Teledermatology to Facilitate Patient Care Transitions From Inpatient to Outpatient Dermatology: Mixed Methods Evaluation.** *Journal of medical Internet research*  
Kling, S. M., Saliba-Gustafsson, E. A., Winget, M., Aleshin, M. A., Garvert, D. W., Amano, A., Brown-Johnson, C. G., Kwong, B. Y., Calugar, A., El-Banna, G., Shaw, J. G., Asch, S. M., Ko, et al  
2022; 24 (8): e38792
- **Impact of the COVID-19 pandemic on dermatology visits among older adults and racial and ethnic minorities**  
Rizk, N., Mathur, M. B., Ko, J., Chiou, A., Hunt, I., van Egmond, S., Linos, E.  
ELSEVIER SCIENCE INC.2022: S65
- **Rapid reduction in S. aureus & cytotoxins in dupilumab treated atopic dermatitis subjects**  
Beck, L. A., Boguniewicz, M., Hata, T., Fuxench, Z., Simpson, E., De Benedetto, A., Ko, J., Ong, P., Yoshida, T., Gallo, R., Lussier, S., David, G., Schlievert, et al  
ELSEVIER SCIENCE INC.2022: S88
- **Development of a digital tool for home-based monitoring of skin disease for older adults**  
van Egmond, S., Cai, Z., Nava, V., Rapaport, B., Ko, J., Chiou, A., Sarin, K. Y., Tang, J., Bousheri, S., Zhang, L., Linos, E.  
ELSEVIER SCIENCE INC.2022: S59
- **Using qualitative methods to establish the clinically meaningful threshold for treatment success in alopecia areata.** *Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation*  
Wyrwich, K. W., Kitchen, H., Knight, S., Aldhouse, N. V., Macey, J., Mesinkovska, N., Ko, J. M., King, B. A.  
2022
- **Defining Severity in Alopecia Areata: Current Perspectives and a Multidimensional Framework.** *Dermatology and therapy*  
King, B. A., Senna, M. M., Ohyama, M., Tosti, A., Sinclair, R. D., Ball, S., Ko, J. M., Glashofer, M., Pirmez, R., Shapiro, J.  
2022
- **Two Phase 3 Trials of Baricitinib for Alopecia Areata.** *The New England journal of medicine*  
King, B., Ohyama, M., Kwon, O., Zlotogorski, A., Ko, J., Mesinkovska, N. A., Hordinsky, M., Dutronc, Y., Wu, W., McCollam, J., Chiasserini, C., Yu, G., Stanley, et al  
2022
- **Predictors of Quality of Life in Patients with Alopecia Areata.** *The Journal of investigative dermatology*  
Senna, M., Ko, J., Glashofer, M., Walker, C., Ball, S., Heredia, E. E., Zhu, B., Shapiro, J.  
2022
- **Effect of Dupilumab on the Host-Microbe Interface in Atopic Dermatitis**  
Beck, L., Boguniewicz, M., Hata, T., Fuxench, Z., Simpson, E., De Benedetto, A., Ko, J., Ong, P., Yoshida, T., Gallo, R., Brar, K., Schlievert, P., Villareal, et al  
MOSBY-ELSEVIER.2022: AB150
- **Partnering with a senior living community to optimize teledermatology via full body skin screening during the COVID-19 pandemic: a pilot program** *Skin Health and Disease*  
Trinh, P., Yekrang, K., Phung, M., Pugliese, S., Chang, A., Bailey, E., Ko, J., Sarin, K.  
2022
- **It's all alopecia areata - it's time to abandon the terms alopecia totalis and alopecia universalis.** *Journal of the American Academy of Dermatology*  
Peterson, D., Craiglow, B. G., Mesinkovska, N. A., Ko, J., Senna, M. M., King, B.  
2021
- **Efficacy and safety of baricitinib in adults with Alopecia Areata: Phase 3 results from a randomized controlled trial (BRAVE-AA1)**  
King, B., Kwon, O., Mesinkovska, N., Ko, J., Dutronc, Y., Wu, W., McCollam, J., Yu, G., Holzwarth, K., DeLozier, A. M., Hordinsky, M.

ELSEVIER SCIENCE INC.2021: B18

● **Response to baricitinib in the treatment of patients with early and late onset alopecia areata in the phase 2 portion of BRAVE-AA1 randomized controlled trial**

Ko, J., Roberts, J., Hordinsky, M., Taylor, S., Mostaghimi, A., Chiasserini, C., Ding, Y., Chen, Y., Wu, W., Dutronc, Y.

MOSBY-ELSEVIER.2021: AB155

● **Foundational Considerations for Artificial Intelligence Utilizing Ophthalmic Images. *Ophthalmology***

Abramoff, M. D., Cunningham, B., Patel, B., Eydelman, M. B., Leng, T., Sakamoto, T., Blodi, B., Grenon, S. M., Wolf, R. M., Manrai, A. K., Ko, J. M., Chiang, M. F., Char, et al

2021

● **Development of the Alopecia Areata Scale for Clinical Use: Results of an Academic-Industry Collaborative Effort. *Journal of the American Academy of Dermatology***

King, B. A., Mesinkovska, N. A., Craiglow, B., Kindred, C., Ko, J., McMichael, A., Shapiro, J., Goh, C., Mirmirani, P., Tosti, A., Hordinsky, M., Huang, K. P., Castelo-Soccio, et al

2021

● **Alopecia Areata Treatment Patterns, Healthcare Resource Utilization, and Comorbidities in the US Population Using Insurance Claims. *Advances in therapy***

Senna, M., Ko, J., Tosti, A., Edson-Heredia, E., Fenske, D. C., Ellinwood, A. K., Rueda, M. J., Zhu, B., King, B.

2021

● **Association of Resilience and Perceived Stress in Patients with Alopecia Areata: A Cross Sectional Study. *Journal of the American Academy of Dermatology***

Han, J. J., Li, S. J., Joyce, C. J., Burns, L. J., Yekrang, K., Senna, M. M., Ko, J. M., Huang, K. P., Mostaghimi, A.

2021

● **Efficacy and safety of the oral Janus kinase inhibitor baricitinib in the treatment of adults with alopecia areata: Phase 2 results from a randomized controlled study. *Journal of the American Academy of Dermatology***

King, B., Ko, J., Forman, S., Ohyama, M., Mesinkovska, N., Yu, G., McCollam, J., Gamalo, M., Janes, J., Edson-Heredia, E., Holzwarth, K., Dutronc, Y.

2021

● **Dermatologists' Perspectives on Artificial Intelligence and Augmented Intelligence-A Cross-sectional Survey. *JAMA dermatology***

Nelson, C. A., Pachauri, S., Balk, R., Miller, J., Theunis, R., Ko, J. M., Kovarik, C. L.

2021

● **Effect of dupilumab on the host-microbe interface in atopic dermatitis**

Beck, L. A., Boguniewicz, M., Hatta, T., Fuxench, Z., Simpson, E., De Benedetto, A., Ko, J., Ong, P., Yoshida, T., Gallo, R., Schlievert, P., Gill, S., Mosmann, et al  
ELSEVIER SCIENCE INC.2021: S116

● **Clinical translation of choline and geranic acid deep eutectic solvent. *Bioengineering & translational medicine***

Ko, J., Mandal, A., Dhawan, S., Shevachman, M., Mitragotri, S., Joshi, N.

2021; 6 (2): e10191

● **Dermatology consent form readability: A barrier to comprehension and inclusivity**

Faletsky, A., Han, J. J., Li, S. J., Lee, K., Soliman, Y., Stephens, M., Ko, J., Mostaghimi, A.

ELSEVIER SCIENCE INC.2021: S69

● **Raising the bar for Randomized Trials involving Artificial Intelligence: The SPIRIT-AI and CONSORT-AI Guidelines. *The Journal of investigative dermatology***

Taylor, M., Liu, X., Denniston, A., Esteva, A., Ko, J., Daneshjou, R., Chan, A., SPIRIT-AI and CONSORT-AI Working Group  
2021

● **Development and validation of the Brigham Eyelash Tool for Alopecia (BELA): A measure of eyelash alopecia areata. *Journal of the American Academy of Dermatology***

Manjaly, P., Li, S. J., Tkachenko, E., Ko, J. M., Liu, K. J., Scott, D. A., Senna, M. M., Joyce, C. J., Mostaghimi, A., Huang, K. P.  
2021

● **Management of a Child vs an Adult Presenting With Acral Lesions During the COVID-19 Pandemic: A Practical Review *CUTIS***

Clawson, R., Tabata, M. M., Ko, J. M.

2021; 107 (3): 139–42

- **TrueImage: A Machine Learning Algorithm to Improve the Quality of Telehealth Photos.** *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*  
Vodrahalli, K., Daneshjou, R., Novoa, R. A., Chiou, A., Ko, J. M., Zou, J.  
2021; 26: 220–31
- **Prevalence of Potentially Allergenic Ingredients in Products Labeled for Eczema Care.** *Journal of the American Academy of Dermatology*  
Schwartz, B. L., Honari, G., Chiou, A. S., Ko, J., Sarin, K. Y., Chen, J. K.  
2021
- **TrueImage: A Machine Learning Algorithm to Improve the Quality of Telehealth Photos**  
Vodrahalli, K., Daneshjou, R., Novoa, R. A., Chiou, A., Ko, J. M., Zou, J., Altman, R. B., Dunker, A. K., Hunter, L., Ritchie, M. D., Murray, T., Klein, T. E.  
WORLD SCIENTIFIC PUBL CO PTE LTD.2021: 220-231
- **Dermatology consent form readability as a barrier to comprehension and inclusivity: a cross-sectional study.** *Journal of the American Academy of Dermatology*  
Faletsky, A., Han, J. J., Soliman, Y., Stephens, M., Li, S., Lee, K. J., Ko, J., Mostaghimi, A.  
2021
- **Bridging to a selective Janus kinase 1 inhibitor in severe atopic dermatitis: An instructive case with upadacitinib.** *JAAD case reports*  
Nguyen, J., Chen, J. K., Honari, G., Pol-Rodriguez, M., Ko, J. M., Chiou, A. S.  
2021; 7: 65–67
- **Brigham Eyebrow Tool for Alopecia: A Reliable Assessment of Eyebrow Alopecia Areata.** *The journal of investigative dermatology. Symposium proceedings*  
Tkachenko, E., Huang, K. P., Ko, J. M., Liu, K. J., Scott, D. A., Senna, M. M., Li, S. J., Joyce, C. J., Mostaghimi, A.  
2020; 20 (1): S41–S44
- **Eyebrows Are Important in the Treatment of Alopecia Areata.** *The journal of investigative dermatology. Symposium proceedings*  
Liu, L. Y., King, B. A., Ko, J. M.  
2020; 20 (1): S37–S40
- **Burden of Illness in Alopecia Areata: A Cross-Sectional Online Survey Study.** *The journal of investigative dermatology. Symposium proceedings*  
Mesinkovska, N., King, B., Mirmirani, P., Ko, J., Cassella, J.  
2020; 20 (1): S62–S68
- **The Role of Patients in Alopecia Areata Endpoint Development: Understanding Physical Signs and Symptoms.** *The journal of investigative dermatology. Symposium proceedings*  
Wyrwich, K. W., Kitchen, H., Knight, S., Aldhouse, N. V., Macey, J., Nunes, F., Dutronc, Y., Mesinkovska, N. A., Ko, J. M., King, B. A.  
2020; 20 (1): S71–S77
- **Clinical translation of choline and geranic acid deep eutectic solvent** *BIOENGINEERING & TRANSLATIONAL MEDICINE*  
Ko, J., Mandal, A., Dhawan, S., Shevachman, M., Mitragotri, S., Joshi, N.  
2020
- **Pernio-like eruption associated with COVID-19 in skin of color.** *JAAD case reports*  
Daneshjou, R., Rana, J., Dickman, M., Yost, J. M., Chiou, A., Ko, J.  
2020; 6 (9): 892–97
- **Innovation interest within dermatology: a needs assessment for novel thought processes.** *Archives of dermatological research*  
Lee, K. C., Lee, I., Okhovat, J., Ko, J., Powers, J. G., Ellis, D. L., Cheeley, J., Garibyan, L.  
2020
- **Patient Perspectives on the Use of Artificial Intelligence for Skin Cancer Screening: A Qualitative Study.** *JAMA dermatology*  
Nelson, C. A., Perez-Chada, L. M., Creadore, A., Li, S. J., Lo, K., Manjaly, P., Pournamdar, A. B., Tkachenko, E., Barbieri, J. S., Ko, J. M., Menon, A. V., Hartman, R. I., Mostaghimi, et al  
2020
- **Dupilumab Treatment of Nummular Dermatitis: A Retrospective Cohort Study.** *Journal of the American Academy of Dermatology*  
Choi, S. n., Zhu, G. A., Lewis, M. A., Honari, G. n., Chiou, A. S., Ko, J. n., Chen, J. K.  
2020

- **Dupilumab for occupational irritant hand dermatitis in a nonatopic individual: A case report.** *JAAD case reports*  
Zhu, G. A., Honari, G. n., Ko, J. M., Chiou, A. S., Chen, J. K.  
2020; 6 (4): 296–98
- **The Alopecia Areata Investigator Global Assessment scale: a measure for evaluating clinically meaningful success in clinical trials.** *The British journal of dermatology*  
Wyrwich, K. W., Kitchen, H. n., Knight, S. n., Aldhouse, N. V., Macey, J. n., Nunes, F. P., Dutronc, Y. n., Mesinkovska, N. n., Ko, J. M., King, B. A.  
2020
- **Development of the Scalp Hair Assessment PRO™ measure for alopecia areata.** *The British journal of dermatology*  
Wyrwich, K. W., Kitchen, H. n., Knight, S. n., Aldhouse, N. V., Macey, J. n., Nunes, F. P., Dutronc, Y. n., Mesinkovska, N. n., Ko, J. M., King, B. A.  
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